

**1972
census
OF
manufacTures**



VOLUME I

**Subject
and
Special Statistics**



**U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS**

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1972 census OF manUFACTURES

VOLUME I

Subject and Special Statistics

Issued August 1976



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The review and issuance of the final industry and State publications were done on a flow basis. Errors were uncovered for a limited number of data cells after the final publications were issued. Because of the expense involved, corrections were made to the previously published data only if they resulted in a revision of 3 percent or more for an individual industry or 1 percent or more for a State. These corrections are included in the final volumes.

All errors identified in any phase of the review were carried to the computer file used to produce the final subject and special reports. Therefore, those reports represent the most accurate data available.

INTRODUCTION

I. GENERAL BACKGROUND

1. The Economic Censuses
2. Characteristics of the Industrial Sector
3. Role of the Census of Manufactures
4. Industry and Product Classification
5. Geographic Classification

II. METHODS

6. Planning and Preparation
7. Reporting Forms
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12. Coverage and Accuracy

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20. Operating Ratios
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22. Confidentiality
23. Abbreviations

I. GENERAL BACKGROUND

1. THE ECONOMIC CENSUSES

General.—The economic censuses provide a comprehensive statistical profile of a large segment of the national economy. This program includes censuses of manufactures, retail trade, wholesale trade, selected services industries, mineral industries, construction industries, and transportation. In 1972, these censuses accounted for nearly 77 percent of the \$785 billion of national income originating in the private sector. The principal industry groups not covered were finance, insurance, and real estate; agriculture and forestry; communications; electric, gas, and sanitary services; and health and medical services, except for laboratories operating on a profit basis.

Uses and Users of Census Data.—The economic censuses are the primary source of facts about the structure and functioning of the economy and therefore provide information essential both for government and business. They furnish an important part of the framework for such composite measures as the national accounts. The census measures also provide weights and serve as benchmarks for current surveys of industrial activity and for indexes of industrial production, productivity, and price, all of which are essential in developing the general background for understanding particular economic situations.

There is widespread use of the economic censuses by manufacturers and distributors who need to establish measures of

their potential markets in terms of areas, kinds of business, and kinds of products; and by managers in various industries and trades who need facts for purposes of economic or sales forecasting, for analysis of sales performance, for the layout of sales territories, for the allocation of advertising budgets, and for the location of plants, warehouses, and stores. For these business purposes, census facts are invaluable. Likewise, trade and professional associations need census information to learn how their industry is changing; chambers of commerce and State and local governments need to understand the business structure and changes occurring in their areas. Business magazines and academic researchers rely on census facts as background for many of their articles.

Following every census, reports are purchased by thousands of business and other users; likewise, census facts are widely disseminated by trade associations, business journals, and the daily press; and census volumes are available in all the major public and college libraries.

History.—The first statistical survey which can be called an economic census covered the year 1809, when inquiries on manufacturing were included with the 1810 census of population. Although the results of this pioneer effort were unsatisfactory by modern standards,¹ continued interest in measure-

¹ For an appraisal of early censuses of manufacturing, see Meyer H. Fishbein, "The Censuses of Manufactures 1810-1890." National Archives Publication No. 63-22, June 1963. Government Printing Office.

INTRODUCTION—Continued

ment of the Nation's economic progress led to successive improvements during the 19th century. By 1890, the statistical standards and procedures followed in conducting the censuses were of a fully professional quality.

All of the decennial censuses from 1810 through 1940, with the exception of 1830, included questions on manufacturing. Inquiries on mining first appeared in 1840, and censuses of mineral industries were conducted decennially through 1940. Although some business-related data were

collected in 1840, the first census of business was taken for the year 1929. This included retail trade, wholesale trade, and construction; selected service trades were covered beginning with 1933. Dates of these and other economic censuses from 1809 are shown in table A.

Enterprise Statistics.—The coordinated collection and tabulation of comparable data for several sectors beginning with 1954 has permitted the Census Bureau to develop its enter-

TABLE A. Years Covered by U.S. Economic Censuses: 1809 to 1972

Year covered	Manufactures	Mineral industries	Fisheries	Construction industries	Retail trade	Wholesale trade	Selected service industries	Transportation
1809	X	—	—	—	—	—	—	—
1819	X	—	—	—	—	—	—	—
1839	X	—	—	—	—	—	—	—
1840	—	X	—	—	—	—	—	—
1849	X	—	—	—	—	—	—	—
1850	—	X	—	—	—	—	—	—
1859	X	—	—	—	—	—	—	—
1860	—	X	—	—	—	—	—	—
1869	X	—	—	—	—	—	—	—
1870	—	X	—	—	—	—	—	—
1879	X	—	—	—	—	—	—	—
1880	—	X	X	—	—	—	—	—
1889	X	X	X	—	—	—	—	—
1899	X	—	—	—	—	—	—	—
1902	—	X	—	—	—	—	—	—
1904	X	—	—	—	—	—	—	—
1908	—	—	X	—	—	—	—	—
1909	X	X	—	—	—	—	—	—
1914	X	—	—	—	—	—	—	—
1919	X	X	—	—	—	—	—	—
1921	X	—	—	—	—	—	—	—
1923	X	—	—	—	—	—	—	—
1925	X	—	—	—	—	—	—	—
1927	X	—	—	—	—	—	—	—
1929	X	X	—	X	X	X	—	—
1931	X	—	—	—	—	—	—	—
1933	X	—	—	—	X	X	—	—
1935	X	X	—	X	X	X	X	—
1937	X	—	—	—	—	—	—	—
1939	X	X	—	X	X	X	X	—
1947	X	—	—	—	—	—	—	—
1948	—	—	—	—	X	X	X	—
1954	X	X	—	—	X	X	X	—
1958	X	X	—	—	X	X	X	—
1963	X	X	X	—	X	X	X	X
1967	X	X	X	X	X	X	X	X
1972	X	X	—	X	X	X	X	X

INTRODUCTION—Continued

prise statistics program, which relates census company-level data to the establishment data. Thus, a measurement of the integration and diversification of the American enterprise system becomes available. Also, through the enterprise statistics program, it has become possible to link census establishment-based data on a modified basis to other statistical systems such as the Internal Revenue Service's "Statistics of Income" for corporations.

Legal Provisions.—Title 13 of the United States Code specifies the frequency of the censuses, the kinds of activities to be covered, the obligation to report, the penalties for failure to report, and the confidentiality of returns. It also authorizes

the use of sampling techniques in conducting censuses. As amended in 1964, Title 13 requires the economic censuses to be taken at 5-year intervals, covering the years ending in "2" and "7." The next censuses will cover the year 1977. The pertinent portions of Title 13 are quoted in appendix D.

2. CHARACTERISTICS OF THE INDUSTRIAL SECTOR

General.—In terms of the major industry divisions established in the national accounts, manufacturing is the largest sector of the economy. In 1972, manufacturing plants employed 19 million persons, 22 percent of the civilian labor force of 86.5 million. Over the past 20 years, as shown in table B, national

TABLE B. National Income by Industry Division for Selected Years

Industry	1929	1933	1939	1947	1954	1958	1963	1967	1972
Billions of dollars									
All industry divisions, total	86.8	40.3	72.6	199.0	303.1	367.8	481.9	653.3	941.8
Manufacturing	21.9	7.7	18.1	59.5	94.6	107.8	143.8	195.2	252.6
Nondurable goods	10.6	4.9	9.1	28.0	39.7	45.7	57.5	75.5	99.9
Durable goods	11.3	2.8	9.0	31.5	54.9	62.0	86.3	119.7	152.7
Wholesale and retail trade	13.5	5.6	12.6	37.6	48.3	58.2	73.3	97.5	139.7
Government and government enterprises	5.1	5.3	8.5	18.7	36.1	46.9	64.8	93.8	149.5
Services	8.8	5.1	7.6	18.1	27.8	38.4	54.1	78.5	120.1
Finance, insurance, and real estate	12.8	5.9	8.0	16.1	32.0	40.9	53.6	71.9	107.9
Contract construction	3.8	.8	2.3	8.4	15.6	19.0	24.1	33.2	51.7
Transportation	6.6	3.0	4.6	11.6	14.6	16.6	20.0	25.2	36.0
Agriculture, forestry, and fisheries	8.5	3.9	6.0	18.9	16.4	18.0	18.6	21.6	30.4
Electric, gas, and sanitary services	1.6	1.3	1.8	2.8	5.9	7.4	10.3	12.6	18.2
Communication	1.1	.8	1.1	2.3	5.1	7.0	9.8	13.1	20.0
Mining	2.1	.6	1.6	4.2	5.3	5.7	6.0	6.3	8.2
Rest of the world .....	.8	.3	.3	.8	1.6	2.0	3.4	4.5	7.5
Percent of total									
All industry divisions, total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Manufacturing	25.2	19.1	24.9	29.8	31.2	29.2	29.8	29.9	26.8
Nondurable goods	12.2	12.2	12.5	14.0	13.0	12.4	12.0	11.6	10.6
Durable goods	13.0	6.9	12.4	15.8	18.1	16.8	17.8	18.3	16.2
Wholesale and retail trade	15.5	13.9	17.3	18.8	15.9	15.8	15.2	14.9	14.8
Government and government enterprises	5.8	13.2	11.7	9.3	11.9	12.7	13.4	14.4	15.9
Services	10.1	12.7	10.4	9.0	9.1	10.4	11.2	12.0	12.8
Finance, insurance, and real estate	14.7	14.6	11.0	8.1	10.5	11.1	11.0	11.0	11.5
Contract construction	4.4	2.0	3.2	4.2	5.1	5.1	5.0	5.1	5.5
Transportation	7.6	7.4	6.3	5.8	4.8	4.5	4.2	3.9	3.8
Agriculture, forestry, and fisheries	9.7	9.7	8.3	9.4	5.4	4.8	3.8	3.3	3.2
Electric, gas, and sanitary services	1.8	3.2	2.4	1.4	1.9	2.0	2.1	1.9	1.9
Communication	1.2	2.0	1.4	1.1	1.6	1.9	2.0	2.0	2.1
Mining	2.4	1.5	2.2	2.1	1.7	1.5	1.2	1.0	.9
Rest of the world .....	.9	.7	.4	.4	.5	.5	.6	.7	.8

Source: Survey of Current Business, August 1965, pp. 42-45; July 1966, p. 15; July 1970, p. 21; and July 1973 p. 22.

INTRODUCTION—Continued

income originating in manufacturing averages almost 30 percent of the total. In 1972, government and government enterprises surpassed wholesale and retail trade which historically was the next largest sector.

Cyclical Changes.—The need for frequent and comprehensive statistics on manufacturing derives as much from its sensitivity to cyclical influences as from its relative size. Cyclical changes in income originating in manufacturing tend to be relatively larger than in the economy as a whole, as can be seen in the movement from 1929 to 1933 to 1939 in table C.

Within manufacturing, durable goods industries accounted for about 60 percent of all manufactures during recent periods. This category tends to be more volatile than non-durable goods, generally accounting for a smaller percentage of all manufactures during periods of contraction and a larger percentage during periods of expansion. In the early thirties, for example, as shown in table C, durable goods manufacturing amounted to only about one-third of the total.

Geographic Distribution.—In the early and middle 19th century, manufacturing activity was concentrated in the

TABLE C. Total National Income and Amounts Originating in Durable and Nondurable Manufactures for Selected Years

Year	National income (bil. dol.)	National income originating in manufacturing			Manufacturing as a percent of national income	Durable goods industries as a percent of total manufacturing
		Total (bil. dol.)	Nondurable goods industries (bil. dol.)	Durable goods industries (bil. dol.)		
1972	941.8	252.6	99.9	152.7	27	60
1971	859.4	226.4	91.8	134.6	26	59
1970	800.5	217.5	88.9	128.6	27	59
1969	766.0	222.3	85.8	136.4	29	61
1968	711.1	212.7	82.1	130.6	30	61
1967	653.6	195.2	75.5	119.7	30	61
1966	620.6	191.5	72.9	118.5	31	62
1965	564.3	172.6	66.5	106.1	31	61
1964	518.1	155.6	61.9	93.6	30	60
1963	481.9	143.8	57.5	86.3	30	60
1962	457.7	137.0	55.6	81.4	30	59
1961	427.3	125.1	52.8	72.3	29	58
1960	414.5	125.8	52.2	73.6	30	59
1959	400.0	124.0	51.1	72.9	31	59
1958	367.8	107.7	45.7	62.0	29	58
1957	366.1	116.3	46.4	69.9	32	60
1956	350.8	113.1	46.2	66.8	32	59
1955	331.0	107.9	44.0	63.8	33	59
1954	303.1	94.6	39.7	54.9	31	58
1953	304.7	100.4	40.3	60.1	33	60
1952	291.4	92.5	38.2	54.3	32	59
1951	278.0	90.2	38.4	51.8	32	57
1950	241.1	76.2	33.3	42.9	32	56
1949	217.5	64.8	30.5	34.2	30	53
1948	224.2	68.7	32.9	35.8	31	52
1947	199.0	59.5	28.0	31.5	30	53
1943	170.3	58.3	19.6	38.6	34	66
1939	72.6	18.1	9.1	9.0	25	50
1935	57.2	13.4	7.3	6.1	23	46
1933	40.3	7.7	4.9	2.8	19	36
1932	42.8	7.3	5.2	2.1	17	29
1929	86.8	21.9	10.6	11.3	25	52

Source: Survey of Current Business, August 1965, pp. 42-45; July 1966, p. 15; July 1968, p. 23; August 1970, p. 21; July 1972, p. 20; and July 1973, p. 22.

Northeast. Over the past hundred and twenty years, as shown in table D, there has been a steady decline in the proportion accounted for by the Northeastern States. Industry expanded into the North Central Region in the latter part of the 19th century and, in more recent years, displayed a marked growth in the South and West.

Size Distribution.—Manufacturing activity tends to be characterized by relative large-scale operations. While there are many small manufacturing plants, they account for a relatively small part of the total output of goods. As shown in table E, over half of the plants covered in the 1972 census had less than 10 employees and they accounted for less than 3 percent of the total value added by manufacture.

3. ROLE OF THE CENSUS OF MANUFACTURES

In the farm-oriented economy of the early 19th century, industrial statistics played a relatively small role in government policy formation. A few series on physical output of commodities originated either from private sources (flour, iron, and steel, etc.) or as a byproduct of tax collection or other government functions (liquors, beer, tobacco products, etc.). Other than these, the only sources of information on the manufacturing sector were the censuses of manufactures, then taken at 10-year intervals. Today, the need for industrial statistics has greatly increased, and the user finds a vast array of detailed information covering virtually every measurable aspect of industrial activity including employment, payrolls, hours worked, production, prices, inventories, orders, investment in structures, machinery, and equipment, and consumption of raw materials, fuels, and water. Many of these statistics are available at frequent intervals and on a timely basis. Sophisticated indicators of economic progress have also been developed such as price and production indexes, gross national product, and national income, published at monthly or quarterly intervals.

In this setting, the census of manufactures still plays an essential role since no other source provides such comprehensive and detailed information on the structure of the industrial sector.

The census obtains, for every manufacturing plant with one employee or more, data on its input of labor, materials, and capital, its output of products and services, its location, and the legal form of organization of the owning firm.² These facts are obtained in sufficient detail to permit classification by industry, by size of plant, by homogeneity of output and, where desirable, by type of operation, extent of vertical integration, kind of equipment, relationship to other plants of the same firm, and other characteristics.

² For 1967 and 1972, some of this information for 120,000 small companies was not obtained directly but estimated from administrative records. See the discussion of coverage of establishments in sections 4 and 6 below.

TABLE D. Employment in Manufacturing Establishments, by Region: 1849 to 1972

Year	United States	Northeast	North Central	South	West
Number of employees (thousands)					
1972	19,029	5,306	6,135	5,221	2,367
1967	18,492	5,573	6,059	4,553	2,305
1963	16,235	5,190	5,239	3,780	2,025
1958	15,423	5,242	5,017	3,382	1,779
1947	14,294	5,429	5,109	2,710	1,054
1939	9,527	3,879	3,184	1,852	612
1929	10,198	4,246	3,516	1,758	675
1899	5,077	2,629	1,474	793	181
1849	957	696	110	146	4
Percent of U.S. total					
1972	100	28	32	27	13
1967	100	30	33	25	12
1963	100	32	32	23	13
1958	100	34	33	22	12
1947	100	38	36	19	7
1939	100	41	34	20	6
1929	100	42	35	17	7
1899	100	52	29	16	4
1849	100	73	12	15	—

Note: Detail may not add to totals because of independent rounding. 1849 data include hand and neighborhood industries, which were excluded from the censuses of manufactures beginning with 1899.

Source: Census of manufactures.

— Represents zero.

TABLE E. Number of Manufacturing Establishments and Value Added by Manufacture, by Size Class of Establishment: 1972

(Cumulative percentage)		
Size class	Number of establishments	Value added by manufacture
All establishments, total	100.0	100.0
1 to 4 employees	35.9	1.1
1 to 9 employees	50.8	2.5
1 to 19 employees	64.8	5.4
1 to 49 employees	77.6	12.6
1 to 99 employees	89.0	20.9
1 to 249 employees	95.6	36.9
1 to 499 employees	98.2	51.4
1 to 999 employees	99.3	65.1
1 to 2,499 employees	99.8	79.3

General statistics (that is, total employment, payroll, production-worker employment, man-hours, wages, cost of materials, value of shipments, inventories, capital expenditures, and value added by manufacture) from the census of manufactures are published by industry, by area, by employment size of establishment, by degree of product specialization within plant, and by type of ownership. Information is supplied on the detailed industrial characteristics of each State and large standard metropolitan statistical area (SMSA); and overall measures of manufacturing activity are shown at the county and individual-city level provided there are at least 450 employees in manufacturing and the information can be published without compromising the confidentiality of individual company data. Since a significant amount of industry detail cannot be published for the 3,140 counties and county equivalents in the United States, a special computer tape on "Location of Manufacturing Plants" is available for data users. This tape includes the number of establishments in each of the 450 industries by county or county equivalent area, by employment size. Information such as this constitutes a periodic inventory of the geographic dispersion of the Nation's manufacturing economy that provides a benchmark for measuring the change in its structure.

The census of manufactures also provides benchmarks from which more frequent surveys can be developed on a sample basis. In fact, the present legislation specifying that censuses be conducted every 5 years authorizes an Annual Survey of Manufactures (ASM) on a sample basis during the intervening years. After each 5-year census, a new sample is drawn utilizing the characteristics recorded for each company in the census. The sample, constituting about one-fifth of the establishments but with complete coverage of all large ones, provides an annual updating of the census of manufactures in terms of broad measures of economic activity. It provides the same basic measures of economic activity of the plant such as employment, payrolls, value of shipments, value added by manufacture, as does the census of manufactures, but contains less detailed information on products, materials consumption, and equipment.³

The census of manufactures not only is a benchmark for many of the surveys conducted by the Census Bureau itself on a more frequent basis but also is the means of updating other indicators of economic activity. It provides very important information on the manufacturing segment used in the national income accounts. Census data on materials consumed and product output are basic to the manufactures sector of the

input-output studies of the Bureau of Economic Analysis. The information derived from the census of manufactures is also used to develop indexes of industrial production for census years. These indexes are used as benchmarks for the monthly Federal Reserve Board Index of Industrial Production—a key indicator of current economic activity. The census and ASM also provide benchmarks for hundreds of monthly and quarterly surveys of commodity output conducted by the Census Bureau, other government agencies, and by manufacturers' associations.

4. INDUSTRY AND PRODUCT CLASSIFICATION

Structure of the Standard Industrial Classification.—The basic classification system employed in the economic censuses is the Standard Industrial Classification (SIC). The SIC was developed for use in the classification of establishments (see "Establishment Basis of Reporting," page 9) by type of activity in which engaged. It covers the entire field of economic activities, subdivided as follows:

Industrial division	Title	Major groups
A	Agriculture, forestry, and fisheries	01-09
B	Mining	10-14
C	Contract construction	15-17
D	Manufacturing	20-39
E	Transportation, communication, electric, gas, and sanitary services	40-49
F	Wholesale and retail trade	50-59
G	Finance, insurance, and real estate	60-67
H	Services	70-89
I	Public administration	91-97
J	Nonclassifiable establishments	99

Below the major group level, the SIC provides for 3-digit groups and finally for 4-digit industries. To illustrate—

Division D.—Manufacturing

Major Group 20 Food and kindred products
 Industry group 202 Dairy products
 Industry 2023 Condensed and evaporated milk

The SIC is the responsibility of an intragovernmental technical committee headed by the Office of Management and Budget. The system is used by all Federal Government agencies engaged in the classification of establishments. To

³ Since the ASM is based on a sample, the cross-classifications by industry and by area are fewer than in the census of manufactures. At the U.S. level, statistics are published in the annual survey for practically all of the 450 industries. However, at the State and SMSA levels, statistics are published only for 3-digit and 2-digit industry groupings, respectively. At the county level, information is published for about 10 percent of the 3,140 counties and equivalent areas. These 300-odd counties are the larger ones in terms of manufacturing activity and account for about 80 percent of total manufacturing employment. Data for cities are shown for those cities having over 20,000 manufacturing employees.

facilitate comparison with Federal statistics and the filing of reports, many State and local governments and business concerns organize their own records along SIC lines.

The first SIC manual was issued in 1939. For the manufacturing sector, the nucleus of the manual was the census of manufactures industry classifications developed over a period of many years. A revised manual was issued for the manufacturing industries in 1945 which, with minor modifications, was used in the 1947 census of manufactures. For the 1954 census, the classification structure used in 1947 was again employed, with minor modifications. In 1957, the SIC system was extensively revised for manufacturing industries and the historical comparability of some data was seriously affected. This revision and its effects on census series are described in the introduction and appendixes to the 1958 census volumes. Minor revisions of the SIC between 1958 and 1967 introduced some 4-digit industry changes but none of them crossed 3-digit group lines. Another extensive revision of the SIC was completed in 1972 which also affected the comparability of industry data. The discussion of the revisions and the impact on comparability appears in appendix B, as well as in parts of each individual industry chapter.

Structure of the SIC Manufacturing Division.—For the manufacturing division, the 20 2-digit SIC Major Groups (20 to 39) are subdivided into 143 3-digit SIC Groups (201 to 399) and into 451 4-digit industries (2011 to 3999). While the SIC contains 451 industries, the Bureau of the Census has combined one small industry with another for a total of 450 industries.

Most of the 451 manufacturing industries are defined in terms of specific groups of related products. Usually the products are made of similar materials and by similar processes and are competitive. In determining the boundaries of product-defined industries,⁴ it is essential that each industry comprise a group of establishments whose output of products defining the industry (primary products) accounts for a relatively high proportion of the total shipments of the industry as well as of the total shipments of these primary products by establishments in all manufacturing industries. Some industries are defined in terms of the processes or equipment used regardless of the final product of the establishment. (Example: Industry 3361, Aluminum Foundries (castings). A small number of industries are basically defined by material used as well as final product of the plant. (Example: Industry 2521, Wood Office Furniture).

⁴ Frequently, business analysts and other data users look at a group of products from more than one point of view. For example, modern high-speed computers are classified as office machines. This describes the purpose of the product. In a physical sense, however, such computers would be described as electronic devices. Similarly, paper bags, wooden boxes, glass bottles, tin cans, and steel barrels may all be classified as containers or they may be individually grouped with other products of similar materials such as converted paper products, wood products, glass products, etc.

There are wide differences among industries in the extent to which the establishments classified in the industry (a) account for the total production of commodities "primary" to the industry, (b) produce products or services "belonging" to other industries (that is, secondary products), and (c) use similar materials or processes. While these variations are frequently construed to be shortcomings, the fact is that the limitations observed in the classification structure arise from the inherent complexity of our economic system and from the disparity in the methods of production among the individual producing units of which it is comprised. The data collected in the census of manufactures provide a statistical basis for a critical evaluation of the classification system; that is, for assessing the boundaries between industries, the growth and decline of industries, and the impact of technological change on the classification of industries.⁵

No general-purpose system of industrial classification can hope to satisfy all users of census data. Some business users will be interested primarily in data relating only to themselves and to their competitors in the production of a narrow range of products; others will wish data relating to all products, including complementary and substitutable products, competing in a particular market; others may wish data relating to the consumers of one or more types of materials. Some may be interested only in the data for plants producing a specific product; others only for those plants producing a "full line" of products. The large number of SIC industries provides the analyst with the "building blocks" for obtaining useful approximations, if not "clean" data, relevant to many of these problems. But, at best, a single general-purpose system of classification can only partially satisfy these diverse needs; a point is soon reached beyond which the adaptation of a system to serve one use somewhat better will reduce its ability, often disproportionately, to serve an alternative use.

Accordingly, users of data frequently regroup detailed SIC industries into broad groupings along lines different from those in the SIC 2- and 3-digit categories. The Federal Reserve Board for many years has made combinations to stress such criteria as durable, nondurable, consumers, producers, finished, intermediate goods, etc. Other public and private agencies also recombine the detailed classes. By and large, the 4-digit industries are susceptible to allocation to such categories, while the 2-digit SIC groups are not.

Subindustries.—To increase the usefulness or improve the editing of the data, the Census Bureau frequently has further classified the basic 4-digit SIC industries into "subindustries." This device is employed where there are wide disparities in the

⁵ See "Industry Classification and Sector Measures of Industrial Production" by James W. McKie, Bureau of the Census Working Paper No. 20, 1965, and "Historical Comparability of Census of Manufactures Industries, 1929-1958" by Harold T. Goldstein, Bureau of the Census Working Paper No. 9, 1959.

operating ratios of the plants in the industry because of differences among plants in the degree of vertical integration, technology, methods of distribution, geographic location, types of materials used, etc. This technique was used for about 61 manufacturing industries for editing purposes and many were regarded as significant enough to be used for publication: For example, the bakery industry (SIC 2051) is subdivided into wholesale bakeries, chain-store bakeries, home-service bakeries, and retail multioutlet bakeries, and many apparel industries (Group 23) are subclassified into manufactures, contractors, and jobbers.

To provide a further measurement of variations within 4-digit industries, the Bureau also subclassifies establishments by the degree to which they produce the primary products or specific classes of primary products of the 4-digit industry. This is in effect a subindustry classification based on degree of product specialization which is published in table 5A of the industry chapters.

Definition of Manufacturing.—As defined in the SIC, manufacturing is the mechanical or chemical transformation of inorganic or organic substances into new products. The assembly of component parts of products is also considered to be manufacturing if the resulting product is neither a structure nor other fixed improvement. These activities are usually carried on in plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment.

Manufacturing production is usually carried on for the wholesale market, for transfer to other plants of the same company, or to the order of industrial users rather than for direct sale to the household consumer. However, some manufacturers (for example, baking, milk bottling, etc.) sell chiefly at retail to household consumers through the mail, through house-to-house routes, or through salesmen. Some activities of a service nature (enameling, binding, platemaking, etc.) are included in manufacturing when they are performed primarily for trade; but they are considered nonmanufacturing when they are performed primarily to the order of the household consumer. On the other hand, some manufacturing industries include business firms which perform only the entrepreneurial functions of buying the materials and designing and marketing the product, but have the actual production done on contract (for example, apparel jobbers).

Auxiliary Units.—In addition to the production of goods and manufacturing services, manufacturing plants engaged in related and diverse supporting activities. These activities encompass the acquisition of materials to be processed, their movement into the manufacturing facility, their storage at the manufacturing site, the operation and maintenance of plant and equipment, the design of flow of work through the production process, and necessary arrangements for shipment of output to customers. Also included are a host of subsidiary

activities associated with the operation of the establishment as a manufacturing entity (for example, management and policy formation, product and market orientation, engineering and quality control, recordkeeping and accounting, physical security of plant and equipment, and the like). Such subsidiary activities may be performed by personnel located at the manufacturing facility or at an auxiliary unit serving one or more manufacturing locations of the same company. Where these activities are carried on at a different physical location or are performed for more than one plant, they are excluded from the figures for operating manufacturing establishments and are included in the data shown for central administrative offices and auxiliaries. (See the description of the questionnaire used for these establishments, Form NC-X6, in section 7, below.)

Marginal Activities.—The following types of activities, while having some of the characteristics usually found in manufacturing, are considered as nonmanufacturing and, therefore, are excluded from the census:

(a) Processing on farms when the raw materials are grown on the farm and the manufacturing activities (poultry dressing, milk and butter production, logging) are on a small scale without extensive use of paid labor. Also custom milling, egg hatching, cotton ginning, and similar activities closely associated with agriculture are excluded.

(b) Mineral preparation such as the crushing, screening, and concentrating of ores. However, mining performed as a secondary activity in conjunction with manufacturing is included in the census unless a separate report for the mining activity was filed; for example, stone and clay mining at cement, lime, and clay products plants.

(c) Custom work to the individual order of household consumers. Examples are custom tailoring, woodworking, lettering on monuments, setting of diamonds, and the making of orthopedic appliances.

(d) Repair and other service activities, except specified services performed "for the trade." Repair shops of railroads are also excluded.

(e) Production of coke for own use by establishments owned by public utility companies.

In the 1972 census, no attempt was made to measure the extent of manufacturing at locations which are not primarily manufacturing plants, such as retail establishments which sell most of their products on the premises directly to household consumers (retail bakeries,⁶ ice cream stores, etc.), or manufacturing by construction contractors at the site (for example, production of paving mixtures).

⁶ Separate data for retail bakeries with baking on the premises were included in the retail census publications, however.

Conversely, it is not unusual for manufacturing establishments to engage also in nonmanufacturing activities such as repair work, merchandising of products without further processing, and installation work. Ordinarily, these nonmanufacturing receipts are small in relation to the manufacturing activities and, therefore, it is not difficult to determine that the establishments should be included in the manufactures area. However, if the nonmanufacturing activities account for a significant proportion of total receipts of an establishment, the classification of that establishment into the appropriate major economic sector is more difficult.

In the 1972 economic censuses, an establishment engaged in a combination of manufacturing and merchandising was assigned either to the manufacturing or the trade industries depending on which of these activities was estimated to account for the larger share of its "value added" or "income produced." This criterion, even though based on approximation, was considered preferable to reported dollar volume of receipts from each type of activity in determining the primary industry, since manufacturing requires considerably more man-hours, salaries and wages, and capital inputs per dollar of receipts than either wholesaling or retailing. However, in classifying establishments engaged in manufacturing and also in mining, repair work, installation, construction, or other nonmanufacturing services, dollar receipts were used as the basis of classification because these activities require substantially comparable input per dollar of receipts.

Establishment Basis of Reporting.—The SIC is an establishment classification system, and the census of manufactures is conducted on an establishment basis. That is, a company operating establishments at more than one location is required to submit a report for each location; also, a company engaged in distinctly different lines of activity at one location is required to submit separate reports if the plant records permit such a separation and if the activities are substantial in size.

The requirement that distinct lines of activity at the same location be separately reported was selectively applied where the establishment produced and shipped significant amounts of products classified in different SIC industries. In widely varying degrees, this product overlap exists in many manufacturing establishments. Generally, the amounts involved are not significant enough to warrant the filing of separate reports, even if feasible. However, there are a number of locations at which large numbers of employees are engaged in each of two or more distinct lines of manufacturing as defined in the SIC. Frequently, companies organize their operations and their records separately where diverse activities are large (for example, with more than 100 employees in each line of activity) and choose to report them as separate plants. When they do not do so on their own initiative, the Census Bureau requests separate reports. For the most part, companies have

responded favorably, particularly for very large operations where failure to "split out" the different activities would significantly distort the relationship of the industry and product statistics. Not infrequently, though, the two groups of products were made on the same production lines by many of the same employees and could not be distinguished sufficiently in company records to provide establishment-type reporting.

SIC industry definition takes account of special situations where otherwise separately classifiable activities are frequently combined at one location. For example, in the lumber area the definition of industry 2421, Sawmills and Planing Mills, General, recognizes the situation that sawmills may include logging operations. Similarly, in the pulp and paper area, pulp-mills operated in combination with papermills are included in one report.

Coverage of Establishments.—The censuses of manufactures for 1947 to date have included establishments with one employee or more. Beginning with the 1967 census, reports were not obtained directly from all such establishments. Approximately 120,000 small single-unit manufacturing firms⁷ identified as having less than 10 employees were excused from filing reports. Under special arrangements which safeguarded the confidentiality of both tax and census records, limited data on payrolls, sales, and industry classification from the administrative records of the Social Security Administration (SSA) and the Internal Revenue Service (IRS) were made available to the Census Bureau for use in the 1967 and 1972 economic censuses. Estimates for data other than payrolls and sales for these small establishments were constructed from historical industry ratios. The effect on industry aggregates is slight in most industries; for manufacturing as a whole, they account for only 1.2 percent of the value added. Detailed product and materials data for these small establishments were not estimated; the entire value of product shipments and cost of materials was imputed to a "not specified by kind" category.

In the censuses of 1921 through 1939, establishments with less than \$5,000 value of products were excluded. For 1899 to 1919, the limit was \$500. The change in the minimum size limit to an employment basis in 1947 did not appreciably affect the overall comparability of earlier census figures, except for the number of establishments.⁸

A sample survey of manufacturing plants with no paid employees was conducted in conjunction with the 1958 census. While there were nearly 52,000 establishments in this category in that year, they accounted for only about one-quarter of 1 percent of the total value of shipments of all manufacturing industries. The proportion was higher for certain industry groups such as lumber and wood products and printing and

⁷ The characteristics of these firms are discussed below in section 15.

⁸ This point is discussed at greater length in the Introduction to the 1947 volumes.

publishing. Tabulation of IRS data for 1972 indicates that there were 104,000 tax returns completed as manufacturing that had no payrolls under SSA standards. These accounted for a little over one-quarter of 1 percent of the total value of shipments for all manufacturing industries.

As indicated above, report forms were not mailed to 120,000 very small establishments. These establishments were assigned the industry classifications to which they had been coded in the 1967⁹ Census of Manufactures if they had been in business for that year, or if they had begun in business after 1967 they were coded on the basis of brief descriptions of the general activity of the establishment as reported to the Social Security Administration. Where the description is incomplete or there are relatively fine lines of demarcation between industries or between manufacturing and nonmanufacturing activity, the code assigned to an establishment could differ from that which would have been assigned on the basis of more complete product information. Therefore, the total establishment count should be viewed as an approximation rather than a precise measurement. The counts for establishments with 20 or more employees are far more reliable than the total number of establishments.

Primary and Secondary Products.—As applied in the economic censuses, the SIC coding system operates in such a way that the definitions become progressively narrower with successive additions of numerical digits. There are 20 very broad 2-digit groups, 143 3-digit groups, and 451 4-digit industries. In addition, the Census Bureau has developed a product coding system based on the SIC, which contains 1,293 5-digit product classes and approximately 10,500 individual 7-digit products. (See "The Classification of Products and Materials" below.) The 7-digit products and 5-digit product classes are considered the primary products of the industry with the first four digits the same as the product code. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of products of any other single industry. The industry code assigned to the establishment is derived from a summation of values for 7-digit product codes to their 4-digit industry and the selection of the largest such value as the establishment's industry classification. However as mentioned earlier, the industry classification of an establishment may be determined not only by the products it makes but also by the processes employed or materials used in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. Therefore, the general statistics (employment, pay-

rolls, inventories, value added by manufacture, total value of shipments, capital expenditures, etc.) shown for an industry (tables 1 to 4 of the industry chapters in Volume II) reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature. The product statistics in tables 5A and 6B of the industry chapters represent the total output of specific products whether they are produced by establishments classified in the same industry as the product or not. For this reason, in relating the industry statistics in the industry chapters, especially the industry total value of shipments (tables 1 to 4), to the product statistics (table 6), the composition of the industry's output as shown in tables 5B and 5C should be considered.

The extent to which industry and product statistics may be matched with each other is measured by the two ratios which are computed from tables 5B and 5C. The first of the ratios, called the primary product specialization ratio, describes the proportion of product shipments (both primary and secondary) of the industry represented by primary products. The second, defined as the coverage ratio, is the proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

Degrees of Integration.—In many industries, establishments making products falling into the same industry category use a wide variety of processes and materials to produce them. Also, within the same industry classification based on end products, those establishments may be included which are vertically integrated and those which put only the finishing touches on an already highly fabricated purchased item. For example, in the refrigeration industry, there are instances of almost complete process integration in which the production of the compressor and condensing unit, electric motor, and even the castings for those intermediate products, as well as the stamping of the case and the final assembly, are all carried on at one plant. In other plants, the condensing unit, the motor, and the case may be purchased and merely assembled into the finished product.

In some instances, nonintegrated plants have been placed in separate industry categories from the integrated plants. In many industries, the census provides separate statistics on departmental operations or on the production of intermediate commodities made and used in the producing plant. When an industry includes plants which ship a significant proportion of their output to other plants of the same company, separate figures are usually shown on the interplant transfers.

These differences in the integration of production processes, types of operations, and types of materials used should be taken into account when relating the general items (employment, payrolls, value added, etc.) to the product and materials data. For those industries where the integrated type of operations is of consequence, that fact is pointed out in the explanatory text for the industry.

⁹ Establishments which were in the 1967 Administrative Record File would have been assigned industry codes from the 1963 Census of Manufactures.

Industry Code Resistance.—The production of many establishments is so evenly divided among two or more industry-determining product groups that the predominant groups (which can represent less than half of the total value if there are three or more groups) change from year to year. In the ASM, these plants are prevented from shifting back and forth among industries due to minor shifts in product mix, by the application of a "resistance formula" in assigning industry classifications.

A resistance formula of the ASM type was first used in the 1963 Census of Manufactures and again applied in the 1967 census. In the 1972 census, the formula was applied only to establishments included in the 1971 ASM sample panel with certainty (that is, included with a probability of "1"). In general, certainty cases included all establishments of companies with at least one manufacturing plant with 250 employees or more.

The formula gives approximately equal weight to the need for maintaining continuity in the establishment composition of an industry, thus improving the measurement of change and the need for reflecting the industry's exact status at a point in time.

In the 1972 census, the industry classification of certainty establishments was allowed to change from that assigned in 1971 under one of the following conditions:

- (a) The value of the 1972 primary products constituted 60 percent or more of its total value of product shipments, or
- (b) The value of the 1972 primary products, while less than 60 percent, was at least twice the value of products which had been primary in 1971.
- (c) The value of 1972 primary products, while not meeting either of the two prior conditions, exceeded the value of the 1970 primary industry's products in both 1972 and 1971 by at least 20 percent.

The Classification of Products and Materials.—In census industrial statistics, a commodity classification system based on the SIC is employed. The code numbers used in this system relate the commodity to the industry in which it is produced. For example, the 7-digit product code number 2023212 refers to canned evaporated milk. The first five digits of this code number, 20232, refer to the "product class" canned milk, and the first four digits, 2023, refer to the industry in which these products are made (the condensed and evaporated milk industry). The system is also applied to the coding of materials insofar as the first four digits are concerned; for example, the code number 024111 refers to whole milk used as a material, and the first four digits of this code number 0241, refer to the agricultural industry, dairy farms, where this product originates.

This SIC-based system is simpler than other systems for the coding of industrial products and materials used, since there is a direct numerical relationship between commodities and industries. Complications occur in the few SIC industries defined in terms of processes or equipment used as well as products made. As an example, women's sweaters are produced in knitting mills (industry 2253) and also in cut-and-sew shops (industry 2339). To retain the industry-of-origin concept, therefore, it is necessary to assign different product code numbers to women's sweaters, depending on where they are made.

The SIC-based commodity classification is used in the Census Bureau's entire industrial statistics program, including monthly, quarterly, and annual surveys, and also in the census of wholesale trade. The Bureau also publishes data on imports and exports in terms of SIC-based categories as well as the traditional Schedule B and TSUSA systems.¹⁰

5. GEOGRAPHIC CLASSIFICATION

Census Divisions and Regions.—In order to present census data at a level intermediate between the U.S. total and those for the individual 50 States and the District of Columbia, the Census Bureau has used regional groupings for over a century. Since the 1909 Census of Manufactures, the present nine geographic divisions have been used. Beginning with the 1939 census, the nine divisions were also classified into four geographic regions: Northeast, South, North Central, and West.

Not only are these groupings convenient for the summary presentation of census data below the U.S. level, but they are also essential to presenting a maximum of geographic information where the individual State data cannot be shown without disclosing figures for individual companies. (See section 22, "Confidentiality".) The relative importance of manufacturing among the regions, divisions, and States is shown in table F.

Standard Metropolitan Statistical Areas.—In addition to the data for the legally constituted geographic units (States, counties, and cities), all manufacturing totals are shown for approximately 263 standard metropolitan statistical areas (SMSA).¹¹ In the 1972 tables, detail for 2-, 3-, and 4-digit industries is shown for any SMSA when it would not disclose data for individual companies and the industry had at least 250 manufacturing employees. This is the same procedure as that used in the 1967 census. Prior to 1967, detail had not been shown for SMSA's with under 40,000 total manufacturing employment, and only industry group figures were

¹⁰Schedule B is the U.S. export classification while TSUSA is applied to imports.

¹¹See appendix F for a description of each SMSA.

INTRODUCTION—Continued

TABLE F. Value Added by Manufacture for Regions, Divisions, and States: 1972

Region, division, and State	Value added by manufacture (mil. dol.)	Percent of U.S. total	Region, division, and State	Value added by manufacture (mil. dol.)	Percent of U.S. total
United States, total	353,994.0	100.0	South Region—Con. South Atlantic Div.—Con.		
Northeast Region	92,839.1	26.2	Virginia	6,177.5	1.7
New England Division	22,508.2	6.4	West Virginia	2,646.7	.7
Maine	1,383.4	.4	North Carolina	11,014.5	3.1
New Hampshire	1,278.6	.4	South Carolina	4,965.6	1.4
Vermont	576.0	.2	Georgia	7,385.8	2.1
Massachusetts	10,677.5	3.0	Florida	5,786.8	1.6
Rhode Island	1,764.4	.5	East South Central Division	21,233.5	6.0
Connecticut	6,828.3	1.9	Kentucky	5,682.1	1.6
Middle Atlantic Division	70,330.9	19.9	Tennessee	7,662.0	2.2
New York	30,403.5	8.6	Alabama	5,064.8	1.4
New Jersey	16,408.9	4.6	Mississippi	2,824.7	.8
Pennsylvania	23,518.5	6.6	West South Central Division	24,602.8	7.0
North Central Region	123,535.0	34.9	Arkansas	2,799.8	.8
East North Central Division	99,950.5	28.2	Louisiana	4,273.4	1.2
Ohio	27,171.0	7.7	Oklahoma	2,270.1	.7
Indiana	14,111.6	4.0	Texas	15,259.4	4.3
Illinois	25,848.9	7.3	West Region	47,431.8	13.4
Michigan	23,375.7	6.6	Mountain Division	7,445.5	2.1
Wisconsin	9,443.3	2.7	Montana	462.5	.1
West North Central Division	23,584.5	6.7	Idaho	820.8	.2
Minnesota	5,523.8	1.6	Wyoming	143.9	—
Iowa	4,757.7	1.3	Colorado	2,504.3	.7
Missouri	8,169.0	2.3	New Mexico	358.0	.1
North Dakota	200.7	.1	Arizona	1,879.6	.5
South Dakota	284.5	.1	Utah	1,068.7	.3
Nebraska	1,733.4	.5	Nevada	207.7	.1
Kansas	2,915.4	.8	Pacific Division	39,986.3	11.3
South Region	90,188.1	25.5	Washington	4,721.4	1.3
South Atlantic Division	44,351.8	12.5	Oregon	3,489.9	1.0
Delaware	1,291.9	.4	California	31,194.6	8.8
Maryland	4,706.9	1.3	Alaska	170.4	.1
District of Columbia	376.0	.1	Hawaii	410.0	.1

—Represents zero.

shown for SMSA's with 40,000 to 190,000 employees. Between 1967 and 1972, a significant number of SMSA's were redefined in content or became new SMSA's. These changes are discussed in appendix E.

Standard metropolitan statistical areas are integrated economic and social units with a large volume of daily travel and communication between the central city (having 50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one whole county or more. An area may contain not only highly industrialized

counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force and are socially and economically integrated with the central city. These areas were defined by the Federal Committee on Standard Metropolitan Statistical Areas for general-purpose use in presenting economic and social data. In the New England States, similar integration criteria have been applied in defining standard metropolitan statistical areas, but on a city and town basis because towns are regarded as the significant unit in this region of the country.

INTRODUCTION—Continued

TABLE G. The 50 Largest SMSA's Ranked by Value Added by Manufacture: 1972, 1967 and 1963

Standard metropolitan statistical area	Number of employees (thousands)	Value added by manufacture (mil. dol.)	1972 rank	1967 rank	1963 rank	Standard metropolitan statistical area	Number of employees (thousands)	Value added by manufacture (mil. dol.)	1972 rank	1967 rank	1963 rank
Chicago, IL	909.6	1,757.3	1	2	2	Atlanta, GA	132.4	2,472.3	26	29	30
Los Angeles-Long Beach, CA	778.9	15,234.9	2	3	3	Seattle-Everett, WA	108.6	2,234.7	27	22	21
New York, NY-NJ*	949.2	15,120.8	3	1	1	Dayton, OH	118.8	2,152.9	28	24	26
Detroit, MI*	551.6	11,694.3	4	4	4	Gary-Hammond-East Chicago, IN	99.4	2,159.0	29	28	20
Philadelphia, PA-NJ	495.7	9,189.9	5	5	5	Columbus, OH	102.4	1,989.2	30	39	34
Newark, NJ	271.8	5,608.6	6	9	8	Providence-Warwick, Pawtucket-RI-MA*	131.9	1,959.9	31	32	32
Cleveland, OH	268.9	5,220.9	7	6	6	Jersey City, NJ	95.3	1,899.2	32	30	24
St. Louis, MO-IL	256.2	5,161.1	8	7	7	Toledo, OH-MI	91.2	1,878.9	33	36	37
Boston, MA*	266.5	4,918.9	9	8	9	Denver-Boulder, CO	95.5	1,849.8	34	41	36
Rochester, NY	142.2	4,390.6	10	13	19	Allentown-Bethlehem-Easton, PA-NJ	110.4	1,805.6	35	43	40
Houston, TX	162.7	4,179.4	11	14	18	Youngstown-Warren, OH ..	86.6	1,749.5	36	35	38
Pittsburgh, PA	262.8	4,163.9	12	10	10	Akron, OH	94.4	1,686.2	37	34	33
Dallas, Fort Worth, TX* ..	230.0	4,075.7	13	27	28	Portland, OR-WA	86.4	1,596.9	38	42	44
San Francisco-Oakland, CA	184.8	3,807.9	14	11	11	Grand Rapids, MI	74.9	1,515.4	39	44	42
Minneapolis-St. Paul, MN-WI	199.0	3,734.8	15	16	17	Hartford, CT	86.4	1,395.5	40	33	35
Milwaukee, WI	200.0	3,700.0	16	12	13	Phoenix, AZ	71.9	1,379.0	41	—	—
Cincinnati, OH-KY-IN	157.6	3,561.2	17	17	15	Memphis, IN-AR-MS	64.2	1,352.4	42	—	—
Baltimore, MD	180.1	3,476.2	18	15	12	Albany-Schenectady-Troy, NY	66.9	1,322.0	43	49	46
Buffalo, NY	151.7	3,146.3	19	18	14	Miami, FL	86.0	1,219.0	44	—	—
Louisville, KY-IN	113.4	3,022.8	20	20	22	Syracuse, NY	60.5	1,205.3	45	46	43
Kansas City, MO-KS	118.8	2,902.4	21	21	23	Paterson-Clifton-Passaic, NJ	75.5	1,179.4	46	19	16
San Jose, CA	134.4	2,873.1	22	25	29	Springfield-Chicopee-Holyoke, CT	62.1	1,157.7	47	45	47
Anaheim-Santa Ana-Garden Grove, CA	131.0	2,734.4	23	23	27	Canton, OH	57.6	1,151.6	48	48	48
Greensboro-Winston-Salem-High Point, NC ...	138.0	2,593.4	24	31	—	Bridgeport, CT	63.7	1,137.6	49	40	41
Indianapolis, IN	122.5	2,525.3	25	26	25	Birmingham, AL	68.9	1,123.8	50	47	39

Note: The Flint, Mich., SMSA falls within the top 50 SMSA's but is excluded from this table to avoid disclosing figures for individual companies.

— Represents zero. *The definition of this SMSA changed for 1972. See appendix F for a description of each SMSA and changes in content.

The requirement that each SMSA consist of county units (except in New England) sometimes results in the inclusion in an area of a considerable amount of territory which would not ordinarily be considered "metropolitan," much less "industrial." It is recognized that metropolitan areas could be more accurately defined in terms of smaller area segments such as minor civil divisions, but the usefulness of areas so defined

would be limited by the fact that many types of economic and social data are available only on a county basis.

Each SMSA is designated by the name of the principal city of the area. In addition to the name of the principal city, the area title may include one or two additional city names.

Value added by manufacture in all SMSA's accounted for 78 percent of the U.S. total in 1972. The relative importance

of the 50 largest SMSA's in 1972 and their rankings in the 1967 and 1963 censuses are shown in table G.

Industrial Counties.—In addition to industry statistics for standard metropolitan statistical areas, table 7 of each State report, presents data by county for each industry group (2- and 3-digit) that had at least 450 manufacturing employees

and where it would not result in disclosure of figures reported by individual companies.

Cities with 450 Manufacturing Employees or More.—Summary totals and industry detail at the 2-digit level are shown for individual cities with 450 manufacturing employees or more, provided the data do not disclose information for individual companies.

II. METHODS

6. PLANNING AND PREPARATION

General.—The Census Bureau has an obligation to meet public needs for timely and reliable information while holding costs and the burden on respondents to a minimum. During the planning stages of each economic census, the advice of trade and professional associations, Federal and State government agencies, individual companies, labor unions, and research and educational organizations is solicited in an effort to reach both the users of data and the respondents who supply the basic figures. Simultaneously, studies of the problems encountered in the previous censuses are undertaken, and proposals to improve the methods of collection, processing, and tabulation are explored.

Mailing Lists.—Beginning with the 1954 economic censuses, the basic mailing lists have been obtained from Internal Revenue Service (IRS) and Social Security Administration (SSA) records.¹² These records were also sampled to develop statistics for retail and service establishments with no employees. After the 1963 censuses, it was decided to investigate the feasibility of making greater use of the data in the IRS-SSA records. This effort led, in the 1967 censuses, to the exemption of over 2,000,000 firms from the filing requirement, including 120,000 small manufacturers. Instead, census-type statistics for this group were developed from IRS-SSA records. Well in advance of the data collection phase of the censuses, plans for using these records for small employers were developed in close cooperation with those agencies. Specific procedures for this use and for assuring confidential treatment of individual tax returns were set forth in Executive Order No. 10911, dated January 17, 1961, and Treasury Decision No. 6547 of the same date. The basic records used were business income tax returns (IRS forms 1040C, 1065, 1120, and 1120S) and payroll tax returns (IRS form 941). The information obtained from these reports was the name and address, payrolls, and gross business receipts. In addition, an SIC indus-

trial activity code was assigned by use of the permanent SSA records which indicate the industry or kind of business of each employer. Other census statistics for these small firms were imputed, using industry average ratios to payrolls and sales.¹³

Since the 1967 procedure was successful, it was repeated in the 1972 economic censuses. In 1972, there was a concerted effort by the Census Bureau to improve the industry coding of the administrative record by mailing a nature-of-business inquiry to establishments whose industry codes could have been affected by the 1972 revision to the SIC. (A sample classification card is reproduced in appendix C.)

Planning the Content of Questionnaires.—As in previous censuses, the content of the 1972 questionnaires was developed in consultation with a large number of organizations and individuals, representing both the manufacturers who supply the basic data and those who use the resulting statistics. Those consulted included government agencies, individual firms, labor unions, the American Statistical Association, the American Economic Association, the American Marketing Association, the National Association of Manufacturers, and all national manufacturers' associations covering specific industries.

A special effort was made to obtain the advice of individual manufacturers and their trade associations as to the content of the sections of the report forms dealing with the output of specific products. Drafts of the proposed 1972 product sections were circulated among 800 trade associations and about 4,000 manufacturing companies, both large and small. These inquiries followed the pattern of the 1967 census inquiries, with the introduction of new product detail reflecting suggestions received by the Census Bureau after the 1967 canvass. Small items (those valued at \$5 million or less) were not retained in the list unless they were needed to simplify the classification of other products or were of strategic importance. The manufacturers and others consulted in this clearance procedure were requested to comment particularly as to whether

¹² The 1947 Census of Manufactures list was also obtained from the SSA.

¹³ As discussed elsewhere in this introduction, the amount of imputation introduced by this procedure was only about 1 percent of the overall totals.

the proposed detail was readily reportable from business records, and whether it represented the most appropriate set of items for the industry. A restriction was placed on proposals for additional detail; it was stipulated that the 1972 value of any new product category should exceed \$20 million.

The thousands of comments and suggestions received in this clearance procedure were analyzed by the census staff. Finally, a detailed account of the review procedure and the decisions reached was forwarded to the Office of Statistical Standards, Office of Management and Budget, along with the Census Bureau's recommendations for the content of the product sections.

The final review of the content was performed by the Office of Statistical Standards with the assistance of the Advisory Council on Federal Reports. The latter organization is a group of business executives representing a cross section of industries and various professions within companies such as controllers, economists, and market research directors.

7. REPORTING FORMS

A representative selection of the reporting forms used in the census is reproduced in appendix C. The uses of each of them are discussed below.

General Forms.—This group of forms was used in the economic censuses generally, either as companywide reports or as reports for establishments whose classification was not known precisely in advance of mailing.

NC-X1A, Report of Company Organization.—This companywide report and its companion forms NC-X1B and NC-X1C were used in the prec canvass of multiunit companies conducted in 1972. A more detailed account of their use is given in section 8, "The Mailing Lists."

NC-X2, Listing of Additional Establishments.—This form was mailed to all multiestablishment companies together with the 1972 Census of Manufactures forms to obtain a list of establishments that were acquired after the NC-X1A was filed. These plants were then classified, added to form NC-X1A, and mailed report forms. Plants under construction were requested to report expenditures put in place during 1972 and the total gross book value of assets at the end of the year.

NC-X3, General Schedule.—This questionnaire was designed to obtain information from small companies for which the industry code available in the SSA records was not precise enough to indicate which one of the standard census questionnaires should be mailed. The information provided on form NC-X3 was used to classify these companies by industry and tabulate their data in the appropriate census.¹⁴

NC-X6, Central Administrative Offices or Auxiliary Establishments.—Many multiunit companies maintain separate establishments to provide centralized administrative, management, or other supporting services for other establishments of the same company, but not for the general public or other companies. These establishments were asked to complete form NC-X6. The form contained questions on approximate employment for such functions as centralized administration, research and development, warehousing, and other auxiliary activities, and on the cost of research and development work performed by these nonmanufacturing establishments.

NC-K1, Company Summary Report.—Each multiunit company with 250 employees or more received a form NC-K1, Company Summary Report, along with the appropriate questionnaires for its establishments. The NC-K1 requested consolidated company totals for key data items, such as receipts, new capital expenditures, inventories, and fixed assets. In addition, each company was asked to distribute the 1972 employment reported on its establishment questionnaires by its IRS-SSA employer identification numbers (EI numbers) and to compare these totals to the figures reported on its Treasury Form 941 tax returns. This comparison provided assurance that all domestic establishments of each large multiunit firm and its subsidiaries would be included in the censuses. Form NC-K1 served this operational purpose and also provided essential data for the enterprise statistics program described above in section 1.

Census of Manufactures Forms.—The questionnaire reproduced in the appendix, form MC-36B, is typical of the 180 forms used for operating manufacturing establishments. Each of these forms was designed to be used for a specific group of industries. For establishments included in the Annual Survey of Manufactures sample, form MA-100 was substituted for the front sheet of form MC-36B and its companion forms, since the content was virtually the same and it was desired to maintain continuity of reporting in the ASM. Whether or not form MA-100 was used, the inquiries on the 180 forms were identical except for the detailed questions on products shipped, materials used, and miscellaneous topics such as operations performed, equipment used, and delivery of products.

Annual Survey of Manufactures Forms.—Form MA-100 is the establishment report used in the ASM since 1949 (with modifications). As mentioned above, this form was used in 1972 as the first sheet of the census of manufactures report for the establishments included in the ASM sample. The establishment's 1971 data were imprinted on the report form before mailing, thus aiding the respondent in following the instructions for the census. Item 9, "Quantity and value of products shipped and other receipts," on form MA-100 corresponds to item 18 on the census form MC-36B and its companion forms,

¹⁴The use of Form NC-X3 is also discussed in section 8, "The Mailing Lists."

the difference being that item 18 called for more detailed information on product shipments.

Other Related Forms.—Form CB-51J, "Manufacturers' Sales Branches and Sales Offices," which is reproduced in appendix C, is typical of the several forms used for these establishments in the census of business. The forms differed only in the kinds of products sold as listed in item 12. In item 5, line b provided verification of the classification of the establishment as a sales branch or sales office. If the line-b percentage indicated that more than half of the goods sold were not manufactured by the parent company, the establishment was reclassified into one of the merchant wholesaler categories.

MC-171, Department of Defense Establishments, and MC-D4, Penal Institutions.—These forms were used to collect information on government-owned and government-operated manufacturing establishments. They were used for two types of establishments: (1) Manufacturing facilities owned and operated by the Department of Defense, and (2) prison industries (Federal, District of Columbia, and State). The data were prepared with the cooperation of the Department of Defense, the Department of Justice, and the District of Columbia and State prison systems. For Department of Defense installations, information was provided on employment, man-hours, payrolls, cost, and value of work done, by industry group and by State. For prison industries, however, only product data were requested. The data are presented in a special report included in Volume I and are not included in the totals for operating manufacturing establishments.

8. THE MAILING LISTS

General.—As discussed in section 6 above, the basic lists for 1972 were obtained from IRS-SSA records, supplemented importantly by the inclusion of the ASM list of 68,000 establishments. Since the IRS-SSA lists consist essentially of the names and addresses of companies rather than establishments,¹⁵ it was necessary to follow separate procedures for multiunit companies (those operating at more than one location).

The Precanvass.—Multiunit companies were required to file at least one establishment report¹⁶ covering each location. In order to select the appropriate questionnaires, it was necessary

to determine in advance the nature of operations at each location. Beginning early in 1972, therefore, a "Report of Company Organization" (forms NC-X1A, NC-X1B, and NC-X1C)¹⁷ was obtained from firms known to be multiunits from previous census records. Form NC-X1A was mailed to all of the larger multiunit companies. Form NC-X1B was mailed to multiunit companies operating under 4 or less employer-identification numbers and having 13 or less operating establishments. Form NC-X1C was mailed to multiunit companies which were operating under one employer-identification number, having 4 or less operating establishments and a total employment of 100 or less.

All of these forms consisted essentially of a report on company affiliation and a list of the domestic establishments operated by the company. Before the forms were mailed, the company's establishments as identified in census records were prelisted. In the instructions for form NC-X1A, the respondents were asked to make any necessary corrections to this list. In addition, they were asked to supply descriptions of any new establishments not already listed, including their approximate size.

Large multiunit companies were segregated for special handling in the prec canvass because problems involving overlap and duplication were anticipated. Many of these companies were active in retail and wholesale trade as well as in manufacturing. The instructions for the prec canvass were reviewed with these firms in personal discussions with officials of their accounting departments, in order to make certain that the procedure was understood and the establishments properly described on form NC-X1A.

Initial Control File.—This file, consisting of about 10 million names and addresses of companies, was assembled from IRS-SSA records and other sources including the 1972 economic census records. For manufacturing, the ASM records were incorporated in the file.

Single-Unit Companies.—The mailing lists for single-unit companies (those operating at only one location) were developed from the initial control file by removing out-of-scope companies (those whose activities were not to be surveyed in the economic censuses) and those identified as multiunits in the prec canvass. A special survey of out-of-scope companies with more than 50 employees in selected industries was conducted to doublecheck their eligibility, and some names were added to the mailing list as a result. Single units with over 150 employees were mailed form NC-X1B to determine if they were multiunits.

The final step was to set aside the records of the small companies for which census-type statistics were to be developed from administrative records. The remaining records constituted the mailing lists for single-unit companies.

¹⁵The SSA records for multiunit companies identify "reporting units," which in many instances correspond to census establishments. The differences are such, however, that it was found necessary to obtain up-to-date lists of establishments as described in this section. Also, the Census Bureau concept of a company differs from the IRS-SSA definition, since the Census company includes all establishments under common ownership or control; in the IRS-SSA records, subsidiary corporations are often treated as independent companies.

¹⁶If two or more distinct lines of activity were carried on at one location, separate reports were obtained under some circumstances. (For a complete discussion, see "Establishment Basis of Reporting" in section 4, above.)

¹⁷These forms are reproduced in appendix C.

Classification cards (a sample form is reproduced in appendix C) were mailed to the administrative record cases if their historical code was involved in the 1972 SIC revision. Each establishment was requested to describe on the questionnaire the products manufactured or activity performed at their plant, the establishment was then classified according the response received. If a response was not received, the establishment was reclassified to the most probable industry.

General Schedule.—While the lists assembled in these ways were generally adequate in providing sufficient industry information to determine the proper form for mailing, a number of the records did not have precise industry information associated with them. Form NC-X3, "General Schedule," which is reproduced in appendix C, was mailed to all such companies. Since it was assumed that these companies were quite small, only a few key figures were requested. On the basis of the information reported, these reports were coded and included in the basic tabulations. If form NC-X3 indicated that the company was actually large, it was later requested to file one or more of the appropriate standard questionnaires.

9. GEOGRAPHIC AREA CODING

Accurate and complete information on the physical location of each establishment is required in order to tabulate the census data by standard metropolitan statistical areas, counties, and cities. As in previous censuses, the post office address and ZIP code of the establishment were not always accepted as defining the physical location, but respondents were required to describe the actual location in terms of street address, city, town or village, county, and State. For establishments located in rural territory, the name or number of the nearest highway was requested and the distance from the nearest town or other urban place.

In censuses prior to 1963, clerks assigned geographic code numbers to each establishment based on the description furnished by the respondent. This process was slow and required careful verification. Beginning with 1963, a computerized system was developed which assigned an area code number and a prefix symbol to the mailing address before the questionnaires were mailed. The prefix symbol indicated whether or not the mailing address was clearly acceptable as describing the physical location. If there was any question about its acceptability, the respondent's description was later carefully reviewed after the questionnaire was received. The assignment of tentative code numbers by the computer was based on extensive reference files containing nearly a million business names and addresses.

The geographic coding system used in the 1972 economic censuses was based on the 1967 system with some improvements and revisions. The major changes included updating and

expanding the address reference file and the use of new techniques in coding and unscrambling addresses against the reference file.

10. DATA COLLECTION

General.—Although the greater use of administrative records in 1972 substantially reduced the number of companies canvassed directly, there remained nearly 2 million which were required to file, including about 192,000 manufacturers. The assembly of several hundred different questionnaires into mailing packages, correctly labeled and coded, combined with the correct instruction booklets, was an extensive operation.

Instructions.—Several general instruction booklets were prepared to assist respondents in completing questionnaires for the 1972 economic censuses. In addition, separate detailed instruction manuals were printed for establishments in a few kinds of business and in certain mineral industries with peculiar reporting problems, as well as for manufacturing establishments reporting on the detailed standard forms.

Timing.—The bulk of the 1972 questionnaires was mailed by mid-January 1973 with a due date of February 15, about 2 months earlier than the corresponding due date for the 1967 censuses. The collection phase was completed in late July 1973, which was about 3 months earlier than the 1967 census.

Followup.—Companies which did not return their questionnaires by the due date had to be reminded that their returns were overdue. A reminder card was used for the first followup, and form letters were used in the four subsequent mailings. Two basic letter formats were used: one for multiunit companies that had returned questionnaires for some but not all establishments and the other for companies that had not responded at all.

In addition to the letters for the 3d, 4th and 5th followups, analysts made telephone calls to the large companies to help with reporting problems and to request that the forms be completed and returned.

The last followup letter was mailed in June 1973. Estimates based on data from administrative records were included in the census tabulations for the relatively small number which had not responded by the closeout date in July 1973. Thus, all companies and establishments included in the original mailing list (except those determined to be inactive during 1972) were represented in the final statistical results, either by actual returns or by proxy returns generated from administrative records. A special effort was made to obtain actual returns from all large firms, so that the volume of business represented by proxy returns was relatively very small.

11. DATA PROCESSING

General.—The editing,¹⁸ coding, and tabulation of data for the five million establishments represented in the 1972 economic censuses was a complicated task requiring extensive advance planning and careful coordination among the Census Bureau's organization subdivisions. Automatic data processing and other advanced techniques were used in all phases to a considerable extent.

Facilities.—In the mail collection phase, the questionnaires were returned by respondents to the Census office at Jeffersonville, Ind., where most noncomputer (that is, clerical) processing operations were performed. The Jeffersonville functions consisted mainly of preliminary screening of questionnaires, carrying on routine correspondence with respondents, keying data on a key-to-disk system, and transmitting the tape encoded data to Washington on a high-speed transmission system. The Washington staff handled computer operations and all operations in connection with the use of IRS and SSA records.

Preliminary Screening.—After they were checked in against control lists and assigned geographic codes, the questionnaires were reviewed clerically to see that they conformed to certain minimum requirements before further processing. In the case of multiunit companies, the sum of employment and payrolls reported on its establishment questionnaires was compared with the control totals reported on form NC-K1, "Company Summary Report." Questionnaires received from ostensibly single-unit firms were reviewed to ascertain whether they had become multiunits through merger or acquisition. All questionnaires were reviewed to see that the entries were legible and keyable and that entries appeared for a number of key items. For manufacturing establishments returns, the key items were payrolls and value of shipments. Questions arising in the screening operation were resolved by writing or telephoning the respondents. Complex problems involving multiunit companies were either handled by a special task force of experienced analysts in Jeffersonville or were referred to the Washington office.

Computer Editing.—All of the establishment records from the 1972 censuses of manufactures and mineral industries underwent computerized processes of screening and detailed testing of data. While many of these programs were newly devised in 1972 they were largely based on similar programs in use during previous censuses. Average values and tolerance limits for key

operating ratios (for example, cost of materials per dollar of shipments, payroll per employee, production-worker wages per man-hour, etc.) played a fundamental role in the editing process. However, more extensive testing and more sophisticated routines for adjusting data which failed the tests were incorporated into the 1972 programs. The need for computer editing may be judged by the fact that more than half of all 4-digit SIC industries had one or more data cells changed by more than 5 percent as a result of application of these programs.

In the 1972 census of manufactures, nearly 386,000 establishments were initially defined as being potentially in scope of manufacturing establishments. Approximately 55,000 were identified as having no activity in 1972 or actually out of scope of manufacturing. There were approximately 18,000 duplicate establishment records, which were removed. The ending file consisted of nearly 313,000 establishments engaged in manufacturing activities.

In sequence, the computer programs used included a Housekeeping and Screening Edit, a Coverage Control and Matching Edit, a Magnitude Edit, a General Statistics Edit, an Inter-card Inter-column Edit, a Product and Materials Edit, Duplicate Removal Programs, and various programs of referral and of aggregate testing. These programs are described in outline form below. Also included within this sequence were programs of geographic coding and of industry coding, subindustry coding, and SIC recoding which are described elsewhere in this Introduction.

The *Housekeeping and Screening Edit* was designed to inspect each record for the presence of basic information such as identification numbers, geographic codes, and source codes (that is, ASM, census of manufactures, or census of minerals). This program also included some simple data adjustments, such as the replacement of a missing total by a corresponding sum of detail.

The *Coverage Control and Matching Edit* was a system of programs which checked the consistency of clerically assigned codes with information reported on the ownership status of the establishment. For ASM establishments, the program included matching with the 1971 ASM record file to identify corresponding prior-year records.

The *Magnitude Edit* was designed to test the size of two key items—payrolls and value of shipments. For ASM establishments, these items were compared with the corresponding entries for 1971 and were accepted if satisfactory. If not accepted, the ASM records were channeled through the standard edit which compared payrolls to a historical employment-size code. Payroll figures passing the test were then used, in conjunction with cost of materials, in testing the value of shipments.

When failures in the magnitude tests were encountered, a fixed sequence of attempts to adjust the data were performed,

¹⁸In data processing, the term "editing" means the review of information collected on questionnaires or from other sources, with the objective of locating and correcting erroneous entries.

which included dividing a reported figure by 1,000 (a common error was the reporting of values in dollars rather than in thousands of dollars as requested), or replacing a total by a sum of detail where these differed.

More than 34,000 establishments were rejected from the combined output of the Housekeeping and Screening Edit, from the Coverage Control and Matching Edit, and from the Magnitude Edit. These rejects were clerically reviewed, corrected where necessary, and recycled back into the computer.

The *General Statistics Edit* tested key operating ratios and adjusted the record or flagged it for later attention if it failed the test. Fifty-two such ratios were assigned for use in testing census of manufactures records, and 41 ratios of change between 1971 and 1972 were used in testing the ASM reports. The tolerance limits and average values for these 93 ratios were based on the limits used for the corresponding tests in the 1967 census, with some correction and updating based on the 1971 ASM information.

In the presence of ratio failures, the computer program was designed to determine the component of the ratio which was most likely to have caused the failure. This was done by a process of inspecting other ratios containing each of the suspect components, and by computing an overall weighted-reliability index for each. The component with the lowest reliability index was judged to be incorrect. The computer then attempted to adjust the questionable figure by a process of "rounding" (multiplying or dividing by successive powers of 10), substitution of a total by a sum of detail, or by imputation based on one of the several ratios in which the suspect component was contained. After each such attempted adjustment, the new figure was accepted if it resulted in an improved reliability index.

In addition to the testing and correction of reported information, the General Statistics Edit was the vehicle for the imputation of data for the 120,000 establishments designated as administrative-record cases, as well as data for companies whose reports were not received at the time the data were tabulated. Imputation for all reasons, failure to report as well as administrative records, accounted overall for about 5 percent of the total value of shipments. Records were not rejected and removed from the computer tapes in the General Statistics Edit, but were flagged and printed out for review by an analyst whenever the computer made a large adjustment, found a large year-to-year change, or could not make an acceptable adjustment after test failure. Excluding administrative records, about 22,000 such cases were printed out for review and possible correction.

The *Inter-card-Inter-column Edit* was designed to test specific relationships among products, materials, and special inquiries. The record was flagged for inspection if the test failed; some 11,000 records were printed out for review from this edit.

The *SIC recoding program* recoded industry codes, product codes, and material codes, which were reported on the 1967 SIC system by means of reference tapes to the 1972 SIC system. Each establishment was assigned an old (1967) SIC industry code and a new (1972) SIC industry code based on the product mix reported in item 18 of the report forms. These industry codes were retained in the establishment record in order to tabulate and bridge the information. (See appendix B for a comparison of the old and new SIC's).

The *Product and Materials Edit* was performed after the data on products and materials had been extracted from the basic establishment records, assembled in product (or material) sequence, and recoded to the 1972 SIC code system. The edit was designed to inspect the reported quantities of production and of consumption after the corresponding values were tested and found acceptable. Unit values, in terms of dollar value per unit of quantity, were computed and ranked from highest to lowest. The most extreme values were removed, and the truncated data were used in the formulation of parameters (average deviation, central value, and upper and lower tolerance limits) which were printed out for review by analysts. This routine differs from those in other edits in that the parameters for editing were developed from the data at hand rather than from historic data or predetermined reasonableness limits.

The *Duplicate Removal Programs* were designed to identify and eliminate duplicate establishment records from the census. The sources of duplication were many; imputed records which were followed by late receipts of a report from the respondent were typical; multiunit companies having plants duplicated on their list of establishments; receiving or imputing full-year plant reports from the selling (predecessor) and acquiring (successor) companies; companies being imputed as single units which had reported as multiunits. A potential duplicate program was used to identify, for analysts' inspection, establishments which were in the same industry, same area, and approximately the same size. These programs resulted in the elimination of nearly 18,000 duplicate establishment records from the census file.

As in previous censuses, this preliminary round of computer editing and professional correction was followed by a more detailed review of establishment records. Among the devices used at this stage was an "outlier" program which printed out ASM establishment reports of dubious quality in terms of their internal consistency. The outlier program used some of the same ratios as the General Statistics Edit, but with parameters updated to reflect the characteristics of 1972, rather than earlier data. Records with one or more suspicious ratios were printed out for review. In addition, aggregates of records at the industry and the geographic cell level were inspected with ratio tolerance limits adjusted to reflect the number of establishments contributing to the cell.

12. COVERAGE AND ACCURACY

Since the list of companies obtained from IRS and SSA records was considered to be complete, no field coverage check was conducted. The prec canvass and other special procedures for multiunit companies described in section 8, "The Mailing Lists," and section 10, "Data Collection," were designed to secure complete lists of establishments, thereby amplifying the IRS-SSA company list. Control totals, in terms of employment and payrolls of multiunit companies, were also used to verify the completeness of establishment coverage. This procedure is discussed in section 11, "Data Processing."

Comparison of statistics tabulated from the census of manufactures with the Census Bureau's Current Industrial Reports series, or with data originating with other agencies was possible

in many instances, thus providing a further confirmation of completeness and accuracy. These figures range from employment and wage totals compiled by the Bureau of Labor Statistics to detailed commodity output figures published by the Internal Revenue Service, the Fish and Wildlife Service, and the Department of Agriculture. In the industry reports in Volume II, differences between the census of manufactures and other statistics are explained wherever possible. Census of manufactures comparability with broad measures such as national income, new capital expenditures, and production indexes are discussed elsewhere in this introduction. The Census Bureau's other procedures designed to improve the accuracy of the census data are discussed above in the sections on data collection and processing. Comments on the valuation of intracompany shipments by multiunit companies are included in section 15.

III. COMMENTS ON STATISTICAL MEASURES AND TABLES

(Explanations and definitions of the various measures of activity for which statistics are compiled in the census of manufactures are presented in appendix A. In the following sections, the limitations and other characteristics of some of these measures are discussed, the content of the statistical tables is described, and comparisons with other statistical series are presented.)

13. EMPLOYMENT AND PAYROLLS IN ADMINISTRATIVE OFFICES AND AUXILIARY ESTABLISHMENTS

In the industry chapters of Volume II, the data on employment and payrolls refer to operating manufacturing establishments and are so described. In the summary tables and the area reports, the employment and payrolls of central administrative offices and auxiliary establishments are included as well. However, whereas the operating establishments were coded to a 4-digit manufacturing industry, the administrative offices and auxiliaries were coded only to the 2-digit industry group of the establishments they served. In most of the tables with industry detail, the administrative offices and auxiliaries are shown as a separate industry group, but statistics for them by 2-digit industry appear in each volume in the General Summary tables. The relative importance of administrative offices and auxiliaries has increased substantially in recent years, because of a tendency to centralize functions formerly performed in manufacturing plants. Such functions include accounting (particularly where computerized), warehousing,

repair services, and miscellaneous others. As indicated in table H, this tendency was quite marked between 1954 and 1963 and between 1967 and 1972.

TABLE H. Employment in Central Administrative Offices and Auxiliaries and in Operating Manufacturing Plants: 1972 and Earlier Census Years

Census year	Employees in operating manufacturing establishments		Employees in central administrative offices and auxiliaries		
	Thousands of employees	Percent change from previous census year	Thousands of employees	Percent change from previous census year	Percent of total employment ¹
1972	19,029	+2.9	994	+19.8	5.2
1967	18,492	+14.0	830	+14.3	4.3
1963	16,235	+5.3	726	+20.6	4.3
1958	15,423	-1.4	602	² +32.9	3.8
1954	15,645	(NA)	453	(NA)	2.8

(NA) Not available.

¹ The total includes manufacturing establishments, central administrative offices, and auxiliaries.

² The apparent increase from 1954 to 1958 is believed to be somewhat overstated, because coverage of administrative offices and auxiliaries was more complete in the 1958 census.

Source: Census of manufactures.

14. MATERIALS

In addition to the total cost of materials which every establishment was requested to report, quantity and cost information was collected for approximately a thousand specific materials. About 350 of these were "complete coverage" materials; i.e., every industry that consumed appreciable quantities of the material was canvassed so that the data would represent at least 90 percent of manufacturing consumption. For the remaining materials, information on consumption was obtained on a more limited basis, generally only in those industries in which the materials were important inputs. Detailed consumption information was collected in the standard materials inquiry, in the product inquiries (for items which were produced and consumed in the same plant), or in a few instances in special inquiries. The resulting statistics are presented mainly in tables 6A and 7A of the industry chapters, Volume II.

Because American industry uses an enormous variety of materials, the choice of materials for which "complete coverage" consumption data (90 percent or higher) were obtained had to be strictly limited. The selection of a particular material for such coverage was based on the following criteria:

- (a) The importance of the material as measured by the total value of U.S. consumption of the material;
- (b) The percentage of total consumption accounted for by manufacturing establishments;
- (c) The availability of consumption information from manufacturers' records, and
- (d) In certain instances, other factors such as the strategic importance of the material or the availability of historical data on the use of the material.

The materials included on a limited-coverage basis were chosen not only because they constituted important inputs for particular industries but frequently because they provided information necessary to classify plants by SIC industry. In using the detailed data on materials consumed which appear in table 7A in the industry chapters of Volume II, the following limitations should be noted:

- (a) Materials were reported for the establishment as a whole and no attempt was made to ascertain how much of the material was used in each of various products. Thus, the industry totals appearing in table 7A represent consumption in secondary products as well as primary products of the industry represented. The extent of secondary production is measured by the specialization and coverage ratios shown in table 5B of the industry chapters.
- (b) Attention should be paid to the codes ending in "000" and captioned "materials, parts, containers, and

supplies, not specified by kind." The amounts appearing on these lines represent imputed totals for establishments whose statistics were developed by use of administrative records, and totals for other establishments which failed to report their consumption in specific terms. Thus, for most industries, the specific categories are understated. A judgment on the statistical significance of the understatement for each industry may be made on the basis of the relationship of the value shown for the "not specified by kind" (code 000) line compared with the total of materials, components, parts, containers, and supplies for the industry.

(c) Establishments consuming less than a specified amount of material were not requested to report consumption of the material separately. For the majority of individual materials, the minimum amount was \$5,000. The use of this cutoff is not believed to have had a significant effect on the totals.

(d) A total of "not elsewhere classified" (n.e.c.) material code 970099 was collected on most forms and is published for each industry. This represents the total cost of materials for an industry for which no material items were prelisted on the form. Survey MA-131, 1972 Supplemental Survey of Materials Consumed, a sample survey of 141 industries, was conducted in 1972 to provide material consumption estimates for the cost of materials reported in material code 970099. Results of this survey are shown in chapter 5, Materials Consumed.

15. VALUE OF SHIPMENTS BY MULTIUNIT COMPANIES

General.—Except for a few industries as indicated in appendix A, the respondents were instructed to report net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. Multiunit companies were instructed to report for each establishment as if it were a separate economic unit and, in particular, to report interplant transfers at their full economic value, including not only the cost of production but also a reasonable proportion of company overhead and profits. Since there is no advertising or other selling cost involved, it would be expected that the value per unit of such transfers would be less than that for commercial sales. The plant receiving the transferred goods was instructed to include them in its cost of materials, valued as at the shipping point plus the cost of freight and other handling charges.

In the case of goods transferred to sales branches, or sold through separate sales offices, the implication of the "f.o.b. plant" instruction is that the value is at a somewhat lower level than the final invoice value, because the cost of selling (mainly the cost of operating the sales branch or office) is excluded.

In practice, there is reason to believe that these instructions were not followed by all companies. In a recordkeeping practices study of 54 multiunit companies conducted a few years ago, it was found that about half of them had reported interplant transfers of semifinished products at commercial or market prices, which tend to be somewhat higher than the "cost plus overhead and profit" requested in the census instructions. In the case of finished products transferred to separate selling organizations, half of the companies interviewed valued the products at their final or invoice price, which again would be somewhat higher than the "f.o.b. plant" transfer value requested. It appears from this study and other observations that the value of shipments of products reported by multiunit companies tends to be overstated. For products characterized by a substantial amount of interplant shipments, separate quantity and value figures were requested on the census forms. Data on these shipments, the unit value of which is less accurate than the unit value for shipments outside the company, are presented separately in table 6A in the industry chapters of Volume II.

Individual Products.—In the 1972 census program, information was collected on the output of approximately 10,500 individual product items.²⁰ The term "product" as used in the census of manufactures represents the finest level of detail for which output information was requested. Consequently, it is not necessarily synonymous with the term product as used in the marketing sense. In some cases, it may be much more detailed, and in other cases, it is more aggregative. For example, pharmaceutical preparations were reported in terms of 160 products, while canned meats was a single product. Frequently, large aggregative values at the product level indicated that detailed production figures were available from other government sources or reliable private surveys.

Some 5,500 of the product items were listed separately on the 1972 census report forms. Data for the remaining 5,000 products were obtained in the monthly, quarterly, or annual commodity surveys comprising the Current Industrial Reports series of the Census Bureau. Totals for the year 1972 for these items as derived from the commodity surveys are shown in the "product shipped" table (table 6A) in the industry chapters of Volume II together with the tieline total value collected in the census for reconciliation.

Typically, both quantity and value of shipments information was collected. However, if there was no meaningful physical quantity measure that could be reported by manufacturers, only value of shipments was collected. For products which are used to a large degree within the same establishment as materials or components in the fabrication of other products, total quantities produced and often the quantities con-

sumed within the plant were collected. Typically, the information on production was also collected for products for which there are significant differences between total production and shipments in a given year because of wide fluctuations in finished goods inventories. Alternate measures of output of products, such as value of work done for products with long production cycles, were used as appropriate and feasible.

Classes of Products.—For the purpose of summarizing the product information, the separate products were aggregated into classes of products which were, in turn, grouped into all primary products of each industry. The code structure used is a 7-digit number for the individual product, a 5-digit code for the class of product, and a 4-digit code for the total primary products in an industry (see section 4 for application of coding structure to the assignment of SIC codes for establishments).

The 10,500 product items in the 1972 census (including products from the Current Industrial Reports program) were grouped into approximately 1,293 separate classes. Products were grouped into product classes to bring out significant differences in the broad types of products within a 4-digit industry. General similarity of the kind or purpose of the products or of the manufacturing processes, type of markets, or of materials used, were the basis for product combinations. The economic significance of the class was also taken into account; residual products of an industry were grouped when the products were not sufficiently significant in dollar value to warrant separate classes.

As a result of the increased number of respondents included in the product-class shipments totals, these categories lend themselves to many more cross tabulations than do the 7-digit products, without disclosing information about the operations of individual companies. In the industry chapters of Volume II, table 6B provides information on the value of shipments of product classes by State; and table 5C, by industry of the establishment producing them. The latter table is the best vehicle for showing the primary and secondary product mix of an industry, as well as the interrelationship between the 4-digit industry value of shipments and the 4-digit product group value of shipments. In table 5A the product class is used to provide finer industry-type general statistics by classifying establishments within an industry according to the degree to which they specialize in producing a specific class of products.

The class-of-product concept was incorporated by the Census Bureau into its own program with the 1947 Census of Manufactures after it developed the technique in the compilation of World War II production statistics. Product classes formed the basis of collecting product information in the annual survey of manufactures when that survey was initiated in 1949. The classes have been revised over the succeeding years to improve the balance and significance of product combinations within each industry and to keep abreast of the growth and decline of products.

²⁰ See 1972 Census of Manufactures, MC72-1.2 "Numerical List of Manufactured Products," and MC72-1.1 "Alphabetic List of Manufactured Products," (1967 SIC basis).

INTRODUCTION—Continued

Effect of Use of Administrative Records on Product Data.—As noted elsewhere in this Introduction, 1972 census statistics for about 120,000 small manufacturers were developed by use of IRS and SSA records. Since the SSA records were coded only to the 4-digit SIC level, it was not considered feasible to estimate the product output of these small companies in terms of specific 5-digit product classes or 7-digit products. The total value of output was therefore coded to the 4-digit level and published separately in table 6A of the industry chapters of Volume II. In table I, page 18, these data have been summarized together with other undistributed 4-digit totals reported

by the larger companies. It will be seen from table I that the contribution of the small companies (administrative records) to product totals was of little importance except in lumber, furniture, and printing and publishing (groups 24, 25 and 27). The large companies (mailed establishments) which for various reasons reported only in terms of group totals were of somewhat more importance, accounting overall for about 3 percent of the total value of product shipments.

Nominally, the shipments of "small companies" as shown in table I represent the output of all establishments with less than 10 employees. Actually, only 35 percent of the value of

TABLE I. Value of Products Not Specified by Kind: 1972 and 1967

Product group code ¹	Total value of product shipments (mil. dol.)		Products not specified by kind											
			Total (mil. dol.)		Large companies (mil. dol.)		Small companies ² (mil. dol.)		Percent attributed to—					
									Total		Large companies		Small companies	
	1972	1967	1972	1967	1972	1967	1972	1967	1972	1967	1972	1967	1972	1967
Total	739,426.8	539,470.1	35,968.3	23,387.2	25,132.6	17,884.6	10,835.7	5,430.6	4.9	4.3	3.4	3.3	1.5	1.0
20	106,779.6	78,650.9	5,700.5	4,088.2	4,302.6	3,326.7	1,397.9	761.5	5.3	5.2	4.0	4.2	1.3	1.0
21	5,540.2	4,589.7	40.8	46.4	32.3	44.2	8.5	2.2	.7	1.0	.6	1.0	.1	.1
22	30,884.3	20,141.0	833.3	619.1	672.3	550.1	161.0	69.1	2.7	3.1	2.2	2.7	.5	.3
23	29,247.5	19,748.9	2,435.6	1,992.5	1,728.9	1,686.0	706.7	306.5	8.3	10.1	5.9	8.5	2.4	1.6
24	22,919.6	10,585.7	2,999.3	1,614.7	1,405.0	774.7	1,594.3	840.0	13.1	15.2	6.1	7.3	7.0	7.9
25	10,843.2	8,110.2	1,155.5	702.6	848.5	485.7	307.0	216.9	10.6	8.7	7.8	6.0	2.8	2.7
26	27,227.4	20,049.3	791.2	575.3	677.6	512.4	113.6	62.9	2.9	2.9	2.5	2.6	.4	.3
27	29,347.5	20,878.9	3,433.1	1,805.2	1,891.6	923.1	1,541.5	882.1	11.7	8.6	6.4	4.4	5.3	4.2
28	53,038.9	40,013.1	1,567.3	1,030.3	1,140.7	851.9	426.6	178.4	3.0	2.6	2.2	2.1	.8	.5
29	27,349.6	20,992.8	330.0	159.2	255.6	130.0	74.4	29.2	1.2	8.8	.9	.6	.3	.1
30	19,963.5	12,236.8	1,360.3	512.5	1,048.3	414.6	312.0	97.9	6.8	4.2	5.2	3.4	1.6	.8
31	5,472.0	4,849.8	335.0	238.8	242.4	180.8	92.6	58.0	6.1	4.9	4.4	3.7	1.7	1.2
32	21,139.7	13,596.9	1,042.1	585.6	678.7	404.3	363.4	181.3	4.9	4.3	3.2	3.0	1.7	1.3
33	71,058.4	55,926.8	1,225.0	670.6	1,069.8	607.9	155.2	62.7	1.7	1.2	1.5	1.1	.2	.1
34	51,167.1	32,928.9	3,677.9	2,720.7	2,847.1	2,342.1	830.8	378.6	7.2	8.3	5.6	7.1	1.6	1.2
35	60,212.7	46,076.8	4,085.9	2,874.8	2,699.2	2,223.4	1,386.7	651.4	6.8	6.2	4.5	4.8	2.3	1.4
36	49,958.8	39,429.2	1,464.2	937.8	1,148.2	793.5	316.0	144.3	2.9	2.4	2.3	2.0	.6	.4
37	91,522.0	64,976.3	1,413.5	854.7	1,126.8	718.3	286.7	136.4	1.5	1.3	1.2	1.1	.3	.2
38	14,484.8	8,759.8	556.1	340.2	413.8	263.3	142.3	76.9	3.9	3.9	2.9	3.0	1.0	.9
39, 19 ³	11,270.0	16,928.6	1,521.7	945.9	903.2	651.6	618.5	294.3	13.5	5.6	8.0	3.8	5.5	1.7

Note: These values represent product shipments, irrespective of the industry in which the products were made, and therefore differ from the industry group totals shown in the General Summary tables.

¹ The product shipment data for 1972 are tabulated on the 1972 (new) SIC basis; therefore data for 1972 and 1967 are not completely comparable for most of the major 2-digit groups due to the reclassification of products in the 1972 SIC revision across 2-digit groups. See appendix B for the products of 4-digit industries that were reclassified across 2-digit major groups.

² Estimates derived from administrative records. See text for further discussion.

³ In the 1972 SIC revision, the products for Major Group 19 were reclassified to Major Groups 34, 36, 37, and 38.

shipments of establishments with less than 10 employees was obtained from administrative records. This was due to several factors, the most important of which were—

(a) Many of the establishments with less than 10 employees were owned by multiunit companies and were covered in the mail canvass.

(b) Questionnaires were mailed to about 4,000 of the companies identified as having less than 10 employees. These were the small companies included in the ASM sample; the rest were included in the mail canvass to improve the estimates of general statistics, products, and materials.

(c) Some companies identified originally as having 10 employees or more turned out to have less than 10 employees in 1972.

Another factor tended to reduce the value of products not specified by kind attributed to small companies, thus affecting table 1 particularly. This was the fact that some 4-digit industries were represented by only one product category (an example is industry 3273, Ready-Mixed Concrete). Administrative-record estimates for products such as this were treated as specific information and not tabulated under the "not specified by kind" heading.

These factors taken together explain why the value of products "not specified by kind" attributed to small companies in table 1 is only 1.5 percent of the total, while the 159,000 establishments with less than 10 employees account for 2.5 percent of the total value added by manufacture in table E.

The value of product shipments accounted for by the small companies increased from 1.0 percent in the 1967 census to 1.5 percent in 1972. This is because considerably more establishments, initially identified as having less than 10 employees, actually had more than 10 employees in 1972.

The data for many of the specific 7-digit products shown in table 6A are understated by a proportion of the "not specified by kind" codes in each industry.

16. DUPLICATION IN COST OF MATERIALS AND VALUE OF PRODUCTS

The aggregates of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries include large amounts of duplication since the products of some industries are used as materials by others. With some important exceptions, such as SIC 3312, Blast Furnaces and Steel Mills, this duplication is not significant within individual 4-digit industries. However, it is significant at the 2-digit and 3-digit industry level because these group totals often include industries which represent successive stages in

the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the total value of shipments of SIC Major Group 20 and the addition of pulp-mills to papermills in Group 26. Economists have estimated that the value of manufactured products exclusive of such duplication—the value of finished manufactures—tends to approximate two-thirds of the total value of shipments reported in the census of manufactures.

Because the amounts of duplication contained in the cost of materials and value of products figures cannot be measured with any degree of precision, caution is urged with their use when they are provided at the 2- and 3-digit industry group level.

Even where no significant amount of duplication is involved, value of shipments figures are of limited use as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs to value of shipments, both among industries and within the same industry. To a large extent, value added by manufacture does not have these limitations and is therefore a better measure for comparison.

17. VALUE ADDED BY MANUFACTURE

General.—Value added by manufacture is derived by subtracting the total cost of materials (including materials, supplies, fuel, electric energy, cost of resales, and miscellaneous receipts) from the value of shipments (including resales) and other receipts and adjusting the resulting amount by the net change in finished products and work-in-process inventories between the beginning and end of the year.²¹

Value added avoids the duplication in the value of shipments figure which results from the inclusion of the shipments of establishments producing materials and components along with the shipments of establishments producing finished products. It does not exclude purchased business services, as does the national income concept described below.²² Nevertheless, it is considered to be the best value measure now available for comparing the relative economic importance of manufacturing among industries and geographic areas.

²¹ For a few industries (for example, ship building) where value of work done is substituted for value of shipments, no adjustment is made for change in inventories. In a few other industries where value of production is collected, the inventory adjustment is made only on the basis of change in work-in-process inventories.

²² Collection of data on the cost of purchased business services at the plant level presents many problems. Advertising by multiunit companies, for example, is frequently charged at the company level and the cost either not allocated to plants or if allocated are only included as part of a broader company overhead category. National income data, on the other hand, are compiled in part from company rather than plant data, such as the IRS Statistics of Income in which advertising is presented as a separate cost item based on company reports.

INTRODUCTION—Continued

National income originating in the manufacturing sector, as developed in the national accounts maintained by the Bureau of Economic Analysis (BEA), is somewhat similar to value added in concept, but there are important differences. National income is the aggregate earnings of labor and capital which arise in the current production of goods and services in the manufacturing sector. Thus it measures the total factor costs incurred and is a more "net" conception of value added than that which it has been found feasible to compile in the economic censuses on an establishment basis. National income

excludes, in addition to cost of materials, such other costs as depreciation charges, State and local taxes (other than corporate income taxes), allowance for bad debts, and purchases of services from nonmanufacturing enterprises, such as contract costs involved in maintenance and repair, services of development and research firms, services of engineering and management consultants, advertising, telephone and telegraph expense, insurance, royalties, patent fees, etc.

In part, the national income estimates are prepared from company rather than establishment data. This method results

TABLE J. Comparison of National Income Originating and Value Added by Major Industry Group: 1972 and 1967

SIC code	Industry group description	National income originating ¹ (bil. dol.)		Value added by manufacturing (bil. dol.)		Column 1 divided by column 2	
		(1)		(2)			
		1972	1967	1972	1967	1972	1967
	Manufacturing	252.6	195.2	354.0	262.0	0.71	0.75
	Nondurable goods	99.9	75.5	149.5	109.5	.67	.69
20	Food and kindred products	20.8	16.3	35.6	26.6	.58	.61
21	Tobacco manufactures	1.8	1.3	2.6	2.0	.69	.65
22	Textile mill products	8.2	6.2	11.7	8.2	.70	.76
23	Apparel and other fabricated textile products	9.6	7.5	13.5	10.1	.71	.74
26	Paper and allied products	9.3	6.7	13.1	9.8	.71	.68
27	Printing, publishing, and allied industries	13.6	9.9	20.2	14.4	.67	.69
28	Chemicals and allied products	18.2	14.1	32.4	23.6	.56	.60
29	Petroleum refining and related industries	8.6	6.5	5.8	5.4	1.48	1.20
30	Rubber and miscellaneous plastics products	7.5	4.7	11.7	6.8	.64	.69
31	Leather and leather products	2.2	2.2	2.9	2.6	.76	.85
	Durable goods	152.7	119.7	204.6	152.7	.75	.78
24	Lumber and wood products, except furniture	7.1	4.2	10.3	5.0	.69	.84
25	Furniture and fixtures	4.5	3.2	6.1	4.2	.74	.76
32	Stone, clay, and glass products	8.5	5.8	12.6	8.4	.67	.69
33	Primary metal industries	17.4	15.3	23.3	20.0	.75	.77
34	Fabricated metal products	17.5	13.4	26.9	18.0	.65	.74
35	Machinery, except electrical	26.6	21.8	37.6	27.8	.71	.78
36	Electrical machinery	22.5	18.6	30.6	24.5	.74	.76
19 ²	Transportation equipment and ordnance, except motor vehicles	15.1	15.3	39.8	33.8	.95	.86
37	Motor vehicles and motor vehicle equipment	22.6	13.6				
38	Instruments	6.5	5.2	10.6	6.4	.61	.81
39	Miscellaneous manufacturing industries	4.4	3.3	6.8	4.6	.65	.72

¹Source: Survey of Current Business, July 1970; July 1973, p. 22.

²This Major Group was recoded to Major Groups 34, 36, 37 and 38 in the 1972 SIC revision.

in the inclusion of some part of the net value added by non-manufacturing establishments of companies classified as being primarily manufacturing and, conversely, in the exclusion of some part of the net value added by manufacturing establishments of companies classified as primarily nonmanufacturing. It is believed that for manufacturing as a whole the net effect increases national income. In the Petroleum and Coal Products major industry group, nonmanufacturing activities of manufacturing companies are so significant that this is the one group in which national income exceeds value added, as shown in table J.

Historical Comparison.—Whatever changes have taken place in the relative importance of the costs included in value added but excluded from national income have been gradual. As shown in table K, the ratio between the two figures has been fairly constant over the past decade.

TABLE K. National Income Originating in Manufacturing and Value Added by Manufacture: 1972 and Earlier Years

Year	National income originating in manufacturing (bil. dol.) (1)	Value added by manufacture (bil. dol.) (2)	Column 1 divided by column 2
1972	252.6	354.0	0.71
1971	226.4	314.1	.72
1970	217.5	300.2	.72
1969	222.3	304.4	.73
1968	212.7	285.1	.75
1967	195.2	262.0	.75
1966	191.5	250.9	.76
1965	172.6	226.9	.76
1964	155.6	206.2	.75
1963	143.8	192.1	.75
1962	137.0	179.3	.76
1961	125.1	164.2	.76
1960	125.8	164.0	.77
1959	124.0	161.3	.77
1958	107.7	141.5	.76
1957	116.3	147.8	.79
1956	113.1	144.9	.78
1954	94.6	117.0	.81
1947	59.5	¹ 74.3	.80
1939	18.1	¹ 24.5	.74

¹ Unadjusted.

Sources: National income, survey of current business; value added, census of manufactures and annual survey of manufactures.

Reconciliation with National Income Components.—Figures are not available to permit a reconciliation of the estimates for value added in manufacturing and the national income originating in manufacturing for the current period. However, in 1957, the Census Bureau conducted a special survey, MC-D11, "Selected Costs and Assets of Manufacturing Establishments," which collected information on some of the costs included in value added for services purchased from other sectors or excluded from the national income estimates. These specific costs which accounted for about \$15 billion of the \$148 billion of value added in 1957 were maintenance and repairs, \$4.5 billion; insurance, \$.7 billion; property taxes, \$1.5 billion; rental payments, \$1.4 billion; and depreciation, \$7.3 billion. The residual value added, \$132 billion, was approximately \$16 billion in excess of national income of \$116 billion.

Table L presents an approximate reconciliation of national income and value added figures for manufacturing in 1957. The national income estimates for payrolls and other factor income in that year are based on the unrevised national income figures which are somewhat lower than the revised estimate appearing in table K. It should be noted that the labor costs included in national income and value added are reasonably close despite the fact that they are computed on a slightly different basis. If the proprietary and profit incomes of the company-based national income estimates are allocated to the establishments included in the census of manufactures, value added exceeds national income by \$35 billion of which \$15 billion is attributable to costs reported on survey MC-D11. Somewhat more than half of the \$35 billion excess represents the inclusion in value added by manufacture of purchased business services arising in other economic sectors; the remainder reflects conceptual differences arising from the inclusion, in value added, of indirect business taxes and depreciation which are excluded by definition from national income.

18. CAPITAL EXPENDITURES

Under this heading, manufacturers were instructed to report expenditures of the type chargeable to fixed assets accounts, for which depreciation reserves are normally maintained. Actual capital outlays during the year were requested, not the final value of equipment put in place or structures completed during the year.

The Census Bureau estimates of capital expenditures tend to be lower than those published in the joint Bureau of Economic Analysis-Securities and Exchange Commission survey. In addition to normal sampling variation, a major source of difference is to be found in the scope of the two series. Census data relate only to manufacturing establishments,

INTRODUCTION—Continued

TABLE L. 1957 Comparative Statistics on Value Added and National Income in Manufacturing

(Billions of dollars)

Item	Value added	National income ¹
Total	147.8	112.5
Payrolls	89.4	87.9
Payrolls of operating manufacturing establishments	76.4	² 80.6
Supplements to wages in operating manufacturing establishments	6.0	
Payrolls of central administrative offices and auxiliaries, sales branches and offices of manufacturing companies	47.0	
Other factor incomes (Corporate profits, proprietary income)	24.6	24.6
Costs of manufacturing establishments reported on MC-D11	15.4	(X)
Not part of national income:		
Depreciation	7.3	(X)
Property taxes	1.5	(X)
Probably included in other sectors:		
Maintenance and repairs	4.5	(X)
Rental payments	1.4	(X)
Insurance .....	.7	(X)
Other costs (company overhead other than payrolls included above; e.g., company-level depreciation, business taxes, and services purchased, and services purchased directly by plants, advertising, legal, accounting, and other professional services; communications, patent fees, royalties, travel costs, etc. . .	18.4	(X)

(X) Not applicable.

¹ Prior to 1958 revisions of national income. The revised total was \$116.3 billion.

² Payrolls.

³ Supplements to wages.

⁴ Estimate based on figures reported in the 1958 economic censuses.

whereas the BEA-SEC series covers all establishments of manufacturing companies—nonmanufacturing as well as manufacturing. This factor is particularly important in the petroleum industry where company expenditures for developing new wells and new distribution facilities are ordinarily much larger than their capital expenditures at refineries. On the other hand, manufacturing establishments of companies engaged primarily in nonmanufacturing activities are excluded from

the BEA-SEC series but included in census figures. The BEA-SEC and census data for recent years are shown in tables M and N.

19. PLANT SPECIALIZATION

As discussed in section 4 above, the primary products of a plant are those which determine its industry classification; all other products are referred to as secondary products. The value of a plant's primary products in comparison to its total production is referred to as its degree of specialization. For each plant, two measures of specialization were computed: (1) A 4-digit primary product-specialization ratio, which is the sum of the values of all the plant's primary products divided by the sum of all its primary and secondary products; and (2) a 5-digit primary product-class specialization ratio, which is the sum of the largest 5-digit product-class value divided by the sum of its primary and secondary products (the miscellaneous receipts of the establishment were not included in these

TABLE M. Expenditures for New Plant and Equipment—BEA-SEC Series and Census: 1972 and Earlier Years

Year	BEA-SEC series ¹ (bil. dol.) (1)	Census (census of manufactures and ASM) (bil. dol.) (2)	Column 2 divided by column 1
1972	31.4	24.1	0.77
1971	30.0	20.9	.70
1970	32.0	22.2	.69
1969	31.7	22.3	.70
1968	28.4	20.6	.72
1967	26.7	21.5	.81
1966	27.0	20.2	.75
1965	22.5	16.6	.74
1964	18.6	13.3	.72
1963	15.7	11.4	.73
1962	14.7	10.0	.68
1961	13.7	9.8	.72
1960	14.5	10.0	.69
1959	12.1	9.3	.77
1958	11.4	9.6	.84
1954	11.0	8.2	.74
1947	8.7	² 6.0	.69

¹ Source: 1974 Business Statistics, U.S. Department of Commerce, Bureau of Economic Analysis.

² Excludes data for establishments under construction but not yet in operation.

TABLE N. Expenditures for New Plant and Equipment—
BEA—SEC Series and Census of Manufactures, by Industry
Group: 1972

Industry groups	BEA-SEC series ¹ (bil. dol.) (1)	Census of manu- factures, (bil. dol.) (2)	Column 2 divided by column 1
All manufacturing, total	31.4	24.1	0.77
Durable goods, total	15.7	12.7	.81
Primary metals	2.8	2.1	.75
Electric machinery	2.4	1.4	.58
Machinery, except electric	2.9	1.9	.66
Transportation equipment	2.5	2.7	1.08
Stone, clay, and glass	1.2	1.2	1.00
Other durables	3.9	3.4	.87
Nondurable goods, total	15.7	11.4	.73
Food and beverages	2.6	2.4	.92
Textiles . . . . .	.7	1.1	1.57
Paper	1.4	1.3	.93
Chemicals	3.5	2.7	.77
Petroleum	5.3	1.2	.23
Rubber	1.1	1.1	1.00
Other nondurables	1.1	1.6	1.45

¹Source: 1974 Business Statistics, U.S. Department of Commerce, Bureau of Economic Analysis.

calculations). For example, assume that an establishment reported the following:

Total value of shipments and other receipts	\$1,000
Miscellaneous receipts (resales, etc.)	15
Total value of products shipped	985
32721 Concrete pipe products	100
32722 Precast concrete products	785
32730 Ready-mixed concrete	100

This plant would be coded into SIC industry 3272, Concrete Products, with a primary product specialization ratio of 90 percent ($\$885 \div 985$); it would be subclassified into the 5-digit class 32722, Precast Concrete, with a primary product class specialization ratio of 80 percent ($\$785 \div 985$).

In the 1972 census, selected general statistics (number of establishments, employment, payrolls, value added, cost of materials, value of shipments, and capital expenditures) were tabulated to primary product-class levels by assigning the plant totals to the principal 5-digit codes. These data are presented in table 5A of the industry chapters, Volume II. For most product classes, table 5A also provides general statistics for establishments specializing in the class to the extent of 75 percent or more.

Table 5A permits analysis of an industry in terms of the differences introduced by variation among establishments in the degree of specialization in the products of the industry or a subgroup (5-digit). For example, where the ratios among various statistics tend to be different for establishments specializing to different degrees in the products of the industry or in different product classes, the ratios for the industry as a whole would be significantly affected by changes in its product mix.

20. OPERATING RATIOS

Since all of the data collected in the census on establishment reports are interrelated, comparisons of the various measures of activity are of considerable interest. Beginning with the 1963 census, several ratios have been routinely computed and presented in the industry chapters of Volume II. For 1972 and earlier years, the following nine ratios were published for each 4-digit industry:

Payroll per employee
Production workers as percent of total employment
Annual man-hours of production workers
Average hourly earnings of production workers
Cost of materials per dollar of shipments
Cost of materials and payrolls per dollar of shipments
Value added per employee
Payrolls as percent of value added
Value added per man-hour of production worker

21. SUBJECT AND SPECIAL REPORTS SHOWN IN VOLUME I, SUMMARY AND SUBJECT STATISTICS

Volume I includes the seven subject reports and the six special reports presenting statistics which are not published

elsewhere. The following chapters were originally published in the subject series:

Chapter 1. General Summary.—This chapter, which appears in other volumes as well as Volume I, provides summary tabulations of data presented in greater detail in other census tables.

Chapter 2. Employment and Labor Costs in Operating Manufacturing Establishments.—This chapter presents the compilation of employment and labor costs for the United States as a whole and for each industry group and 4-digit industry. A more detailed description of the report and explanation of the terms employed is given in the introduction to the chapter.

Chapter 3. Manufacturers' Inventories.—These tables summarize the inventory data published in table 3 of the industry chapters of Volume II. A description of the statistics is given in appendix A.

Chapter 4. Expenditures for Plant and Equipment.—These tables summarize the expenditures data published in table 3 of the industry chapters of Volume II. A description of the data is given in appendix A and in section 18, "Capital Expenditures."

Chapter 5. Materials Consumed.—This chapter consists of a compilation of detailed statistics on consumption of materials, fuels, and electricity. These figures also appear in Volume II, Industry Statistics, as tables 7A and 7B for each industry.

Chapter 6. Gross Book Value of Depreciable Assets and Rental Payments.—This chapter presents the compilation of the gross book value of total assets and separate data for structure and machinery by industry group and industry. Rental payments for structures and machinery are also presented by industry group and industry. A more detailed description of the report and explanation of the terms employed is given in the introduction to the chapter.

Chapter 7. Selected Metalworking Operations.—This chapter presents the results of an inquiry concerning employment in metalworking plants such as foundry, forge shop, die casting department, and heat treating. The number of establishments in which these facilities are operated is presented, as well as the number of production workers engaged.

The following chapters were originally published in the special report series:

Chapter 8. Manufacturing Activity in Government Establishments.—This chapter presents data on manufacturing activities in selected types of government establishments in the United States. The statistics are not included in other census of manufactures tables, which cover only privately operated establishments. A more detailed description of the report is given in the introduction to the chapter.

Chapter 9. Concentration Ratios.—This chapter presents concentration ratios and other information on the share of industrial activity accounted for by the largest companies, both for the United States as a whole and for each of the 450 manufacturing industries. A more detailed description of the report and explanations of the terms employed is given in the introduction to the chapter.

Chapter 10. Type of Organization.—This chapter presents data for manufacturing establishments classified as to the legal form of ownership (corporate, individual proprietor, or partnership) and the establishment owner as a multiunit or single-unit company.

Chapter 11. Water Use in Manufacturing.—This chapter presents the results of a survey of the 1973 consumption of water in establishments consuming 20 million gallons or more annually. A more detailed description of the report and definitions of the terms employed, is given in the introduction to the chapter.

Chapter 12. Textile Machinery in Place.—This chapter presents the results of a 1973 survey on the number, by kind, of the various textile machines. Geographic breakdowns of the major textile operations are presented. The data are also broken out by industry for the various textile machines. A description of the statistics is given in the chapter.

Chapter 13. Fuels and Electric Energy Consumed.—This chapter consists of a compilation of detailed statistics on the consumption of fuels and electric energy from the 1971 Annual Survey of Manufactures. Data are presented on the quantity and costs of fuels and electric energy consumed for major groups and industries. A more detailed explanation of the estimates derived and terms employed are given in the introduction and the explanatory text for the chapter.

22. CONFIDENTIALITY

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. In suppressing figures to avoid disclosing information of individual companies, geographic region and division totals are given precedence over individual States; States are given precedence over standard metropolitan statistical areas; standard metropolitan statistical areas over counties; and counties over cities. In tables showing industry detail, major industry group (2-digit) totals take precedence over industry group (3-digit) totals which, in turn, take precedence over individual (4-digit) industries. Similarly, in product tables, 4-digit product groupings take precedence over 5-digit product classes and the latter over individual 7-digit products.

Such order of precedence was used because (1) it was considered preferable to show regional data for an industry, even at the cost of withholding data for another (usually the least significant) State in a region, rather than to show all publishable data for the individual States and group the disclosure States throughout the United States in an "all other" category as was done in the 1939 and earlier censuses; and (2) by giving preference to industry-group statistics over individual industries within each State, the extent to which individual States can be compared within the SIC industry classification framework is greatly increased.

23. ABBREVIATIONS

The following abbreviations and symbols occur frequently in text, tables, and footnotes:

—	Zero
X	Not applicable
NA	Not available
D	Withheld to avoid disclosing figures for individual companies
n.e.c.	Not elsewhere classified
n.s.k.	Not specified by kind
lin.	Linear
equiv.	Equivalent
hp	Horsepower
kWh	Kilowatt-hours
SIC	Standard Industrial Classification
IRS	Internal Revenue Service
SSA	Social Security Administration
ASM	Annual Survey of Manufactures
CIR	Current Industrial Reports
BEA	Bureau of Economic Analysis
SEC	Securities and Exchange Commission

Other abbreviations, such as lb., gal., yd., doz., and bbl., are used in the customary sense. Where the term "tons" only is used, it refers to short tons of 2,000 pounds; where the figures are expressed in tons of 2,240 pounds, the unit of measure is specified as "long tons" or "gross tons."

Data in this publication may differ slightly from the industry and area reports previously published. These differences are due to corrections which were made for minor errors identified after the industry and area reports were issued. This report reflects these corrections.

Summary Statistics

General Summary Tables

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TABLE 1. General Statistics for All Operating Manufacturing Establishments: 1972 and Earlier Years

(See appendix, Explanation of Terms)

Year	Establishments		All employees ¹		Production workers			Value added by manufacture ³	Value of industry shipments	Capital expenditures, new ⁴	Index of industrial production (1967=100)
	Total	With 20 employees or more	Number ²	Payroll	Number ²	Man-hours	Wages				
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	
1972.....	312,662	109,941	18,032.4	160,414.4	13,526.5	26,696.7	105,494.7	353,973.4	756,466.9	24,073.1	115.1
1971 ⁵	(NA)	(NA)	17,426.3	144,246.3	12,874.9	25,265.9	93,231.7	314,138.4	670,970.5	20,940.7	106.8
1970 ⁵	(NA)	(NA)	18,289.5	141,886.4	13,528.0	26,669.3	91,709.0	300,227.6	634,322.1	22,164.3	106.6
1969 ⁵	(NA)	(NA)	19,155.6	142,645.1	14,357.8	28,599.8	93,459.6	304,440.7	642,635.8	22,291.4	110.7
1968 ⁵	(NA)	(NA)	18,681.0	132,568.4	14,041.2	28,156.8	87,480.4	285,058.9	603,220.1	20,613.1	105.7
1967.....	305,680	107,138	18,492.0	123,480.6	13,955.3	27,837.6	81,393.6	261,983.8	557,397.8	21,503.0	100.0
1966 ⁵	(NA)	(NA)	18,200.3	117,157.4	13,826.5	28,102.5	78,256.4	250,880.1	538,736.9	20,235.4	97.9
1965 ⁵	(NA)	(NA)	17,250.5	106,643.2	13,076.0	26,567.8	71,361.5	226,939.9	492,005.7	16,615.0	89.2
1964 ⁵	(NA)	(NA)	16,485.7	98,685.3	12,403.3	25,245.5	65,838.9	206,193.6	447,985.1	13,294.3	81.7
1963.....	306,617	99,352	16,231.9	93,283.3	12,232.0	24,509.4	62,093.6	192,082.9	420,528.1	11,370.0	76.5
1962 ⁵	(NA)	(NA)	16,154.7	89,819.2	12,126.5	24,269.5	59,134.1	179,071.1	399,308.9	10,436.2	72.2
1961 ⁵	(NA)	(NA)	15,729.6	83,677.4	11,778.5	23,289.4	54,764.6	164,281.1	369,994.3	9,779.8	66.7
1960 ⁵	(NA)	(NA)	16,149.9	83,672.5	12,209.5	24,174.4	55,555.5	163,998.5	(NA)	10,097.8	66.2
1959 ⁵	(NA)	(NA)	16,062.9	81,203.6	12,272.6	24,443.6	54,714.1	161,535.8	(NA)	9,140.0	64.8
1958 ⁶	299,017	95,278	15,423.1	73,875.2	11,681.1	22,679.2	49,605.2	141,540.6	326,722.8	9,543.5	57.9
1957 ⁵	(NA)	(NA)	16,621.1	76,314.6	12,838.9	25,208.0	52,569.0	147,838.4	(NA)	12,144.0	61.9
1956 ⁵	(NA)	(NA)	16,694.4	74,015.1	13,131.3	26,088.5	52,040.8	144,909.3	(NA)	11,233.2	61.1
1955 ⁵	(NA)	(NA)	16,335.5	69,096.6	12,954.4	25,898.3	49,217.9	135,022.5	(NA)	8,233.1	58.5
1954.....	286,814	90,470	15,645.5	62,962.7	12,372.0	24,334.1	44,590.5	117,032.3	(NA)	8,200.7	51.9
1953 ⁵	285,000	(NA)	16,693.1	66,492.9	13,500.9	27,065.6	48,979.1	121,659.1	(NA)	8,047.9	54.8
1952 ⁵	267,000	(NA)	15,732.7	59,598.2	12,706.0	25,617.6	43,763.6	109,162.1	(NA)	7,883.4	50.6
1951 ⁵	262,000	(NA)	15,309.6	54,741.5	12,508.9	25,263.8	40,654.8	102,085.8	(NA)	7,781.7	48.7
1950 ⁵	260,000	(NA)	14,467.1	46,642.8	11,778.8	23,716.5	34,600.0	89,749.8	(NA)	5,041.3	44.9
1949 ⁵	(NA)	(NA)	13,566.9	41,482.0	11,016.3	21,769.7	30,254.0	75,366.5	(NA)	5,066.9	38.8
1947.....	240,807	(NA)	14,294.0	39,695.6	11,917.9	24,316.5	30,244.0	74,290.5	(NA)	5,998.1	39.4
1939 ⁷	173,802	(NA)	⁸ 9,527.3	⁸ 12,706.1	7,808.2	(NA)	8,997.5	24,487.3	(NA)	(NA)	21.7
1937.....	166,794	(NA)	9,786.4	12,829.7	8,569.2	(NA)	10,112.9	25,173.5	(NA)	(NA)	22.3
1935.....	167,916	(NA)	8,262.3	9,564.8	7,203.8	(NA)	7,311.3	18,552.6	(NA)	(NA)	17.3
1933.....	139,325	(NA)	6,557.9	⁹ 6,237.8	5,787.6	(NA)	4,940.1	14,007.5	(NA)	(NA)	13.7
1931.....	171,450	(NA)	(NA)	(NA)	6,163.1	(NA)	6,688.5	18,600.5	(NA)	(NA)	14.9
1929.....	206,663	(NA)	9,659.7	14,284.3	8,369.7	(NA)	10,884.9	30,591.4	(NA)	(NA)	21.6
1927.....	187,629	(NA)	9,072.1	13,123.1	7,848.1	(NA)	10,099.5	26,325.4	(NA)	(NA)	18.7
1925.....	183,877	(NA)	9,142.4	12,957.7	7,871.4	(NA)	9,979.6	25,667.6	(NA)	(NA)	17.7
1923.....	192,096	(NA)	9,474.7	12,996.5	8,194.2	(NA)	10,148.6	24,569.5	(NA)	(NA)	17.1
1921.....	192,059	(NA)	7,557.4	9,870.2	6,475.5	(NA)	7,451.3	17,252.8	(NA)	(NA)	11.3
1919.....	270,231	(NA)	9,836.8	12,426.9	8,464.9	(NA)	9,664.0	23,841.6	(NA)	(NA)	14.0
1914.....	268,436	(NA)	7,514.2	5,016.0	6,602.3	(NA)	3,782.3	9,385.6	(NA)	(NA)	(NA)
1909.....	264,810	(NA)	7,021.1	4,105.5	6,261.7	(NA)	3,205.2	8,160.1	(NA)	(NA)	(NA)
1904.....	213,444	(NA)	5,674.9	2,990.9	5,181.7	(NA)	2,440.9	6,019.2	(NA)	(NA)	(NA)
1899.....	204,754	(NA)	4,850.0	2,258.7	4,501.9	(NA)	1,892.6	4,647.0	(NA)	(NA)	(NA)
1899 ¹⁰	509,490	(NA)	5,478.3	2,595.6	5,097.6	(NA)	2,206.5	5,474.9	(NA)	(NA)	(NA)
1889.....	353,864	(NA)	4,586.5	2,209.1	4,129.4	(NA)	1,820.9	4,102.3	(NA)	(NA)	(NA)
1879.....	253,852	(NA)	(NA)	(NA)	2,732.6	(NA)	948.0	1,972.8	(NA)	(NA)	(NA)
1869.....	252,148	(NA)	(NA)	(NA)	2,054.0	(NA)	620.5	1,395.1	(NA)	(NA)	(NA)
1859.....	140,433	(NA)	(NA)	(NA)	1,311.2	(NA)	378.9	854.3	(NA)	(NA)	(NA)
1849.....	123,025	(NA)	(NA)	(NA)	957.1	(NA)	236.8	464.0	(NA)	(NA)	(NA)

(NA) Not available.

¹The figures for 1939 to 1972 include data for employees at manufacturing establishments who were engaged in distribution and in construction work. The extent to which data for such employees were included in the figures for earlier years is not known. In addition to the employment and payroll for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.) which service the manufacturing establishment(s) of a company.

²The method of compiling these figures varied, as follows: **All employees:** For 1955 to 1972, figures represent the average of the number of production workers for the payroll period ended nearest the 12th of March, May, August, and November, plus all other employees for the payroll period ended nearest the 12th of March; for 1949 to 1954, they represent an average of all employees for the payroll period ended nearest the 12th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1949 to 1972, figures are based on employment for the payroll period ended nearest the 12th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

³For the period 1954 to 1972 value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year. For 1849 to 1933, cost of contract work was not subtracted from value of shipments in calculating value added by manufacture.

⁴The figures for 1951 to 1972 include expenditures for plants under construction and not yet in operation. This information was not collected prior to 1951.

⁵These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

Footnotes continued on next page.

TABLE 1. General Statistics for All Operating Manufacturing Establishments: 1972 and Earlier Years—Continued

(Footnotes for table 1)--Continued

⁶The 1958 and subsequent years figures include establishments classified in industry 3273, Ready-Mixed Concrete, and establishments classified in industry 3599, Machinery, Except Electrical, N.E.C., that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for the period 1939 to 1957, but are included for 1929 and earlier years. The 1954 to 1966 figures include data for establishments engaged in the processing and distribution of fluid milk industry group 202, Dairy Products. These establishments were not included in the figures for earlier census years. In addition, beginning with 1954, the figures include data for industry 2411, Logging Camps and Logging Contractors, which were not included within the scope of the 1947 census. There were also a number of changes in the definition of manufacturing industries during earlier census years that affect the comparability of the historical series. Among the more important of these were the following: Figures for 1935 and later years exclude data for railroad repair shops and manufactured gas, which were included in 1899 to 1933 figures; the minimum size of establishment included for 1947 to 1966 was one employee; for 1921 to 1939, manufacturing establishments reporting value of shipments of \$5,000 or more were within scope, whereas for 1919 and earlier years the cutoff was \$500. (These changes in procedure have not appreciably affected the comparability of the historical data except for the figures on number of establishments.)

⁷The figures for 1939, but not for earlier years, have been revised on the basis of retabulation of the returns to exclude data for establishments classified as manufacturing in 1939 and prior years but classified as nonmanufacturing beginning with 1947. Value added by manufacture for 1939, prior to revision and on a basis comparable with 1937 and previous years, was \$24.7 billion.

⁸The 1939 figures for "all employees" were revised on the basis of estimates rather than by retabulation of the 1939 reports. The estimates were made in the following manner: For the number of employees, by multiplying the retabulated figure for number of production workers by the ratio of all employees to production workers computed from the unrevised 1939 statistics; for salaries and wages, by multiplying the retabulated wage figure by the ratio for salaries and wages also derived from the unrevised 1939 statistics.

⁹Not including data for salaried officers of corporations and their salaries and, therefore, not strictly comparable with figures for other years.

¹⁰These figures for 1899 and earlier years represent hand and neighborhood manufacturing operations.

TABLE 2. Manufacturing Employment: 1972 and Prior Census Years

(See appendix, Explanation of Terms)

1972 code	Major industry group and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees	Payroll	Employees	Payroll	Employees	Payroll
		(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
	All industries.....1972..	19,026.8	174,186.7	18,032.4	160,414.4	994.3	13,772.3
	.....1967..	19,322.9	132,208.5	18,492.3	123,480.6	830.9	8,727.9
	.....1963..	16,958.4	99,898.8	16,231.9	93,283.3	726.5	6,615.5
	.....1958..	16,025.2	78,348.9	15,423.1	73,875.2	602.1	4,473.7
20	Food and kindred products.....1972..	1,663.0	14,098.0	1,569.3	12,920.2	93.7	1,177.8
	.....1967..	1,725.9	10,841.5	1,649.6	10,076.8	76.3	764.7
	.....1963..	1,714.6	9,233.9	1,643.1	8,637.2	71.5	596.8
	.....1958..	1,781.4	8,064.4	1,718.1	7,622.3	63.3	442.1
21	Tobacco manufactures.....1972..	74.3	595.7	66.3	502.1	8.0	93.6
	.....1967..	83.1	451.2	75.1	376.8	8.0	74.4
	.....1963..	83.8	381.3	77.3	330.5	6.5	50.8
	.....1958..	92.0	341.7	84.5	294.6	7.5	47.1
22	Textile mill products.....1972..	983.8	6,413.0	952.6	6,051.0	31.2	362.0
	.....1967..	954.0	4,610.6	929.0	4,390.9	25.0	219.7
	.....1963..	883.1	3,538.0	863.2	3,385.0	19.9	152.9
	.....1958..	918.6	3,043.1	903.2	2,942.9	15.4	100.2
23	Apparel and other textile products.....1972..	1,394.0	7,478.1	1,368.3	7,212.0	25.7	266.1
	.....1967..	1,372.9	5,722.2	1,356.7	5,582.2	16.2	140.0
	.....1963..	1,290.5	4,508.8	1,279.5	4,423.0	11.0	85.8
	.....1958..	1,188.5	3,637.7	1,181.0	3,586.6	7.5	51.2
24	Lumber and wood products.....1972..	703.4	5,131.3	691.0	4,985.6	12.4	145.7
	.....1967..	561.7	2,872.6	554.0	2,798.9	7.7	73.7
	.....1963..	568.7	2,385.4	563.1	2,338.7	5.6	46.7
	.....1958..	591.0	2,042.2	585.4	2,007.5	5.7	34.8
25	Furniture and fixtures.....1972..	468.5	3,286.3	462.0	3,205.4	6.5	80.9
	.....1967..	430.0	2,305.1	425.3	2,258.3	4.7	46.8
	.....1963..	381.2	1,767.1	376.5	1,726.7	4.7	40.4
	.....1958..	357.2	1,436.0	354.2	1,413.7	3.0	22.3
26	Paper and allied products.....1972..	667.8	6,465.5	633.4	5,992.1	34.4	473.4
	.....1967..	670.7	4,786.7	638.9	4,436.2	31.8	350.5
	.....1963..	613.8	3,746.4	588.0	3,508.2	25.8	238.2
	.....1958 ¹ ..	573.6	2,920.9	551.3	2,759.4	22.3	161.5
27	Printing and publishing.....1972..	1,085.5	10,162.1	1,056.5	9,831.2	29.0	330.9
	.....1967..	1,052.1	7,323.5	1,031.0	7,151.5	21.1	172.0
	.....1963..	925.1	5,611.5	913.2	5,514.8	11.8	96.7
	.....1958..	871.7	4,533.9	864.6	4,489.2	7.1	44.6

See footnotes at end of table.

TABLE 2. Manufacturing Employment: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

1972 code	Major industry group and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees	Payroll	Employees	Payroll	Employees	Payroll
		(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
28	Chemicals and allied products..1972..	995.0	10,908.2	836.5	8,730.5	158.5	2,177.7
	1967..	982.7	7,932.1	841.4	6,443.0	141.3	1,489.1
	1963..	853.1	6,013.6	737.4	4,969.8	115.7	1,043.8
	1958..	783.9	4,604.5	698.3	3,940.5	85.6	664.0
29	Petroleum and coal products...1972..	209.5	2,633.7	139.5	1,637.5	70.0	996.2
	1967..	210.7	1,960.5	141.6	1,216.1	69.1	744.4
	1963..	219.9	1,762.9	153.5	1,133.8	66.4	629.1
	1958 ¹ ..	247.4	1,655.9	179.1	1,116.7	68.3	539.2
30	Rubber and miscellaneous plastics products.....1972..	635.1	5,381.9	617.7	5,165.2	17.4	216.7
	1967..	531.0	3,421.8	516.7	3,286.5	14.3	135.3
	1963..	426.7	2,470.8	415.0	2,364.0	11.8	106.7
	1958..	356.1	1,785.5	347.8	1,723.3	8.3	62.2
31	Leather and leather products..1972..	285.5	1,706.2	273.4	1,589.3	12.1	116.9
	1967..	336.6	1,518.2	328.7	1,458.8	7.9	59.4
	1963..	335.0	1,278.0	327.5	1,227.8	7.6	50.2
	1958..	358.5	1,192.2	349.2	1,146.0	9.3	46.2
32	Stone, clay, and glass products..1972..	660.7	6,035.1	623.2	5,546.9	37.5	488.2
	1967..	620.6	4,133.8	589.9	3,825.5	30.7	308.3
	1963..	602.8	3,462.5	573.9	3,212.5	28.9	250.0
	1958..	574.8	2,754.0	552.5	2,586.4	22.3	167.6
33	Primary metal industries.....1972..	1,185.3	12,784.8	1,142.8	12,166.5	42.5	618.3
	1967..	1,329.1	10,395.7	1,281.0	9,850.9	48.1	544.8
	1963..	1,167.0	8,149.0	1,126.5	7,734.1	40.4	414.8
	1958..	1,129.5	6,600.3	1,091.9	6,280.5	37.6	319.8
34	Fabricated metal products.....1972..	1,533.6	14,346.0	1,493.3	13,820.6	40.3	525.4
	1967..	1,375.1	9,670.0	1,341.8	9,319.5	33.3	350.5
	1963..	1,110.6	6,644.0	1,082.1	6,387.5	28.5	256.5
	1958..	1,090.3	5,634.2	1,060.5	5,425.3	29.8	208.9
35	Machinery, except electrical..1972..	1,930.0	20,047.9	1,827.7	18,523.3	102.3	1,524.6
	1967..	1,929.4	14,930.2	1,864.5	14,226.3	64.9	703.9
	1963..	1,520.6	10,146.6	1,459.4	9,571.0	61.2	575.6
	1958..	1,385.8	7,577.6	1,350.3	7,314.3	35.5	263.4
36	Electric and electronic equipment.....1972..	1,800.1	17,189.4	1,661.3	15,189.0	138.8	2,000.4
	1967..	1,980.6	14,106.5	1,874.9	12,968.0	105.7	1,138.5
	1963..	1,612.2	10,207.1	1,511.8	9,284.3	100.4	922.9
	1958..	1,218.6	6,323.4	1,140.8	5,755.2	77.8	568.2
37	Transportation equipment.....1972..	1,815.2	21,526.6	1,719.0	19,880.0	96.2	1,646.6
	1967..	1,935.5	16,342.4	1,834.1	15,173.7	101.4	1,168.7
	1963..	1,689.7	12,735.6	1,601.2	11,858.2	88.6	877.4
	1958..	1,641.9	9,793.2	1,562.4	9,185.7	79.4	607.5
38	Instruments and related products.....1972..	480.8	4,677.9	453.2	4,286.2	27.6	391.7
	1967..	409.6	2,980.8	394.3	2,821.6	15.3	159.2
	1963..	316.4	2,010.4	305.5	1,912.5	11.0	98.0
	1958..	293.8	1,564.0	286.4	1,509.5	7.4	54.5
39,19	Miscellaneous manufacturing industries and ordnance and accessories.....1972 ² ..	456.0	3,316.3	445.6	3,179.8	10.4	136.5
	1967..	831.6	5,903.5	823.5	5,819.4	8.1	84.1
	1963..	645.8	3,851.3	639.3	3,794.5	9.2	82.3
	1958..	569.5	2,838.6	560.5	2,770.1	9.0	68.4

¹The 1972, 1967, 1963, and most of the 1958 figures represent data for establishments located in the conterminous United States, Alaska, and Hawaii. However, when the 1958 figures were previously published they did not include data for Alaska and Hawaii since these areas did not achieve statehood until 1959. The addition of the 1958 Alaska and Hawaii figures to the previously published figures for major industry groups 26 and 29 would have resulted in a disclosure. Therefore, the 1958 Alaska and Hawaii data are excluded from these major groups but are included at the "all industries" level.

²Excludes ordnance and accessories. In the 1972 SIC revision, Major Group 19 was eliminated as a separate major industry group and its industries were reclassified to Major Groups 34, 36, 37, and 38.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972									
		Companies	Establishments		All employees		Production workers			Value added by manufac- ture	Value of shipments
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages		
		(number)	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)
	ALL MFG. ESTABS. INCL. C.A.O.'S.	267 422	320 701	114 186	19 026.8	174 186.7	13 526.5	26 696.7	105 494.7	353 973.4	756 466.9
20	FOOD AND KINDRED PRODUCTS. . . .	22 171	28 183	12 325	1 569.3	12 920.2	1 085.3	2 166.8	8 007.0	35 614.8	115 051.5
201	MEAT PRODUCTS.	3 944	4 437	1 882	307.7	2 543.6	250.6	506.7	1 913.3	4 960.9	131 477.9
2011	MEATPACKING PLANTS	2 291	2 474	863	157.5	1 532.1	123.4	254.4	1 148.4	2 966.1	23 003.4
2013	SAUSAGES AND OTHER PREPARED MEATS.	1 207	1 311	557	58.1	542.2	43.5	88.2	372.2	1 099.9	4 632.4
2016	POULTRY DRESSING PLANTS.	407	522	369	77.6	391.8	70.7	139.3	331.1	724.4	3 254.1
2017	POULTRY AND EGG PROCESSING.	110	130	93	14.6	77.5	13.0	24.7	61.7	168.5	588.1
202	DAIRY PRODUCTS	3 557	4 590	2 067	188.7	1 596.4	93.0	188.7	732.5	4 054.1	16 311.5
2021	CREAMERY BUTTER.	201	231	63	4.0	31.0	2.9	6.0	22.1	82.3	808.3
2022	CHEESE, NATURAL AND PROCESSED.	739	872	281	25.2	186.3	20.6	40.8	137.1	492.3	3 195.0
2023	CONDENSED AND EVAPORATED MILK.	172	283	163	12.3	108.3	9.4	19.4	77.8	467.3	1 667.8
2024	ICE CREAM AND FROZEN DESSERTS.	561	697	273	21.1	184.7	12.0	23.5	94.7	459.8	1 244.7
2026	FLUID MILK	2 025	2 507	1 287	126.1	1 086.1	48.0	99.1	400.8	2 552.4	9 395.7
203	PRESERVED FRUITS AND VEGETABLES.	1 923	2 557	1 389	233.1	1 533.5	199.3	382.1	1 179.1	4 514.4	11 478.6
2032	CANNED SPECIALTIES	178	203	88	29.1	217.8	24.0	46.9	167.0	814.6	1 876.6
2033	CANNED FRUITS AND VEGETABLES	765	1 038	621	89.8	559.9	78.8	147.1	447.9	1 625.1	4 043.8
2034	DEHYD. FRUITS, VEGETABLES, SOUPS.	133	178	88	12.4	84.3	10.6	19.8	63.0	235.7	607.3
2035	PICKLES, SAUCES, SALAD DRESSINGS.	429	495	191	20.8	146.2	16.6	32.4	102.2	428.0	1 166.7
2037	FROZEN FRUITS AND VEGETABLES	136	208	190	42.8	261.2	37.6	74.5	208.8	594.6	1 848.8
2038	FROZEN SPECIALTIES	388	435	211	38.3	264.1	31.8	61.5	190.1	716.3	935.5
204	GRAIN MILL PRODUCTS.	2 223	3 080	1 093	111.4	1 012.8	78.5	168.9	665.6	3 698.7	12 162.2
2041	FLOUR, OTHER GRAIN MILL PRODUCTS	340	457	181	16.1	152.8	11.9	26.9	108.1	509.8	2 380.0
2043	CEREAL BREAKFAST FOODS	34	47	26	12.9	140.9	10.7	21.6	111.6	688.4	1 125.5
2044	RICE MILLING	48	57	35	4.0	30.9	3.0	6.6	19.1	148.3	680.6
2045	BLENDED AND PREPARED FLOUR	115	137	57	7.9	74.9	5.7	12.3	53.2	306.8	704.6
2046	WET CORN MILLING	26	41	27	12.1	137.7	8.4	17.1	88.6	331.2	832.3
2047	DOG, CAT, AND OTHER PET FOOD	147	221	113	14.3	135.1	11.0	24.0	96.3	613.8	1 401.9
2048	PREPARED FEEDS, NEC.	1 579	2 120	654	44.0	340.5	27.7	60.6	188.6	1 100.5	5 037.1
205	BAKERY PRODUCTS.	3 044	3 633	1 551	234.6	2 029.0	142.6	284.7	1 121.0	4 537.0	37 895.5
2051	BREAD, CAKE, AND RELATED PRODUCTS.	2 801	3 318	1 374	193.5	1 692.2	109.6	219.3	876.2	3 518.1	6 132.0
2052	COOKIES AND CRACKERS	257	315	177	41.1	336.9	33.0	65.4	244.8	1 018.9	1 763.5
206	SUGAR, CONFECTIONERY PRODUCTS.	1 043	1 249	584	107.1	831.5	86.8	174.4	607.3	2 472.9	16 620.1
2061	RAW CANE SUGAR	61	77	62	7.1	60.7	5.2	12.3	44.0	151.7	406.5
2062	CANE SUGAR REFINING.	22	33	28	10.9	119.5	8.2	18.1	83.8	383.9	1 742.7
2063	BET SUGAR	16	61	54	11.5	92.3	10.4	21.2	78.4	310.5	880.2
2065	CONFECTIONERY PRODUCTS	917	1 011	394	60.7	422.2	49.2	95.9	299.3	1 115.7	2 472.5
2066	CHOCOLATE AND COCOA PRODUCTS	39	48	30	10.0	83.3	8.0	15.5	60.6	282.6	735.5
2067	CHEWING GUM.	15	19	16	6.9	53.6	5.8	11.5	41.3	228.4	382.6
207	FATS AND OILS.	594	860	457	40.2	366.4	29.2	64.4	242.1	1 290.5	16 900.8
2074	COTTONSEED OIL MILLS	74	115	84	5.5	34.2	4.4	9.8	24.0	88.2	458.7
2075	SOYBEAN OIL MILLS.	54	94	74	9.1	82.4	6.6	14.8	54.7	350.0	3 357.2
2076	VEGETABLE OIL MILLS, NEC.	27	31	17	1.1	10.0	.8	1.8	7.4	43.0	252.2
2077	ANIMAL AND MARINE FATS AND OILS.	402	511	196	11.6	106.0	8.4	18.5	68.3	296.7	764.7
2079	SHORTENING AND COOKING OILS.	64	109	86	12.9	133.7	9.0	19.5	87.8	512.6	2 068.1
208	BEVERAGES.	2 980	3 624	1 993	212.3	2 032.7	106.8	214.1	950.9	6 689.0	13 869.4
2082	MALT BEVERAGES	108	167	130	51.5	652.8	33.8	66.9	408.7	1 993.6	4 054.4
2083	MALT	30	40	26	1.7	20.0	1.3	2.5	14.8	55.0	226.3
2084	WINES, BRANDY, AND BRANDY SPIRITS.	183	213	74	9.4	91.5	5.6	11.8	48.1	407.9	865.0
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	76	121	96	18.4	183.1	14.5	28.6	132.5	1 024.0	1 797.9
2086	BOTTLED AND CANNED SOFT DRINKS.	2 273	2 683	1 552	121.1	984.4	45.6	91.9	297.5	2 336.7	5 453.8
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	350	400	115	10.1	100.9	6.0	12.4	49.4	871.9	1 472.0
209	MISC. FOODS, KINDRED PRODUCTS.	3 486	4 153	1 309	134.2	974.2	98.6	182.7	595.2	3 397.3	18 335.5
2091	CANNED AND CURED SEAFOODS.	258	310	139	16.0	99.0	14.0	24.0	75.0	231.4	809.8
2092	FRESH OR FROZEN PACKAGED FISH.	470	519	257	25.0	129.6	21.8	37.7	93.8	287.5	1 084.4
2095	ROASTED COFFEE.	162	213	104	12.9	131.5	8.3	17.0	81.0	825.8	2 328.7
2097	MANUFACTURED ICE	610	818	87	6.8	42.6	4.7	9.5	26.1	91.7	116.4
2098	MACARONI AND SPAGHETTI	179	194	64	7.3	59.4	5.1	10.8	34.2	155.7	348.3
2099	FOOD PREPARATIONS, NEC.	1 856	2 099	658	66.2	512.1	44.7	83.8	285.2	1 805.2	3 647.9
21	TOBACCO PRODUCTS	177	272	154	66.3	502.1	57.4	106.8	400.9	2 637.2	15 920.2
2111	CIGARETTES	13	20	11	38.1	344.8	33.4	62.2	286.5	2 188.4	3 744.6
2121	CIGARS	107	124	51	13.5	68.2	12.1	22.4	54.8	191.9	338.7
2131	CHEWING AND SMOKING TOBACCO.	28	37	22	3.3	23.0	2.6	4.7	15.0	103.2	180.2
2141	TOBACCO STEMMING AND REDRYING.	46	91	70	11.4	66.0	9.3	17.4	44.5	153.6	1 556.8
22	TEXTILE MILL PRODUCTS.	5 609	7 201	4 503	952.6	6 051.0	836.1	1 725.8	4 806.9	11 715.8	128 063.9
2211	WEAVING MILLS, COTTON.	190	307	227	121.3	745.2	112.1	235.8	654.9	1 256.3	2 660.6
2221	WEAVING MILLS, MANMADE FIBER, SILK.	255	412	341	149.7	979.4	134.9	292.7	825.2	1 831.6	3 856.6
2231	WEAVING AND FINISHING MILLS, WOOL.	178	198	119	19.4	132.1	16.5	34.7	99.0	239.4	450.1
2241	NARROW FABRIC MILLS.	324	376	215	27.1	162.3	23.5	47.3	120.9	289.0	566.2
225	KNITTING MILLS	2 374	2 723	1 725	276.5	1 647.0	240.7	467.2	1 263.2	3 180.7	17 703.3
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	256	312	217	49.5	247.4	43.5	80.0	199.0	438.8	984.7
2252	HOSIERY, NEC.	375	415	269	32.6	159.7	29.3	53.8	128.5	295.2	600.6
2253	KNIT OUTERWEAR MILLS	881	917	547	74.4	430.4	65.1	122.5	324.1	799.5	1 703.8
2254	KNIT UNDERWEAR MILLS	74	87	74	26.0	134.6	23.8	43.5	111.6	251.5	544.6
2257	CIRCULAR KNIT FABRIC MILLS	629	716	430	68.1	492.6	57.3	121.7	362.1	1 036.0	2 808.8
2258	WARP KNIT FABRIC MILLS	174	203	155	22.0	159.2	18.4	39.2	120.5	317.8	987.7
2259	KNITTING MILLS, NEC.	72	73	33	3.9	23.1	3.3	6.5	17.4	41.8	73.1
226	TEXTILE FINISHING, EXCEPT WOOL	571	655	432	79.5	564.0	67.3	145.5	436.0	1 113.9	12 625.8
2261	FINISHING PLANTS, COTTON	184	196	115	25.7	177.2	21.7	45.0	142.1	322.0	623.3
2262	FINISH. PLTS, MANMADE FIBER, SILK.	219	258	189	35.2	263.2	29.5	63.4	200.7	521.5	1 365.2
2269	FINISHING PLANTS, NEC.	189	201	128	18.5	123.5	16.1	37.1	93.2	270.4	637.3

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

1972 code	Industry group and industry	1972—Continued						1967					
		Capital expenditures, new ⁴			Inventories end of—		Special- ization ratio	Cover- age ratio	All employees		Value added by manufac- ture	Value of shipments	Capital expendi- tures, new
		Total	Structures and additions to plant	Machinery and equipment	1972	1971			Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)			(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
	ALL MFG. ESTABS. INCL. C.A.O.'S.	24 073.1	5 369.8	18 703.3	108 939.3	103 033.5	(NA)	(NA)	1 ⁹ 322.0	132 208.4	261 983.8	557 397.8	21 503.0
20	FOOD AND KINDRED PRODUCTS. . . .	2 355.0	608.8	1 746.2	10 025.5	9 565.1	(NA)	(NA)	1 649.6	10 076.8	26 620.9	1 ⁸³ 975.2	1 730.1
201	MEAT PRODUCTS.	299.6	117.8	181.8	951.3	849.7	(NA)	(NA)	310.1	1 953.5	3 551.0	1 ²¹ 520.1	197.0
2011	MEATPACKING PLANTS.	167.7	70.8	96.9	555.9	479.7	98	84	170.5	1 258.1	2 220.5	15 576.3	109.4
2013	SAUSAGES AND OTHER PREPARED MEATS. . . .	74.0	28.2	45.8	221.7	195.6	97	52	54.4	378.4	742.5	3 007.7	30.4
2016	POULTRY DRESSING PLANTS.	45.5	13.5	32.0	111.2	115.1	97	97	85.2	1 ^{317.1}	588.0	2 936.1	57.2
2017	POULTRY AND EGG PROCESSING.	12.4	5.3	7.1	62.5	59.6	84	88					
202	DAIRY PRODUCTS.	274.7	70.2	204.5	615.1	581.7	(NA)	(NA)	231.7	1 449.3	3 466.4	1 ¹² 815.1	194.4
2021	CREAMERY BUTTER.	7.8	1.6	6.2	20.5	23.1	71	70	8.7	45.4	113.2	958.8	9.5
2022	CHEESE, NATURAL AND PROCESSED.	49.9	19.0	30.9	252.5	226.8	89	98	20.0	103.6	226.5	1 707.8	17.3
2023	CONDENSED AND EVAPORATED MILK.	32.1	10.7	21.3	83.2	83.4	80	68	13.2	83.4	373.1	1 263.0	20.8
2024	ICE CREAM AND FROZEN DESSERTS.	35.8	7.5	28.3	71.4	70.7	96	70	24.6	156.4	403.0	1 059.4	26.6
2026	FLUID MILK.	149.2	31.3	117.8	187.4	177.8	88	96	165.2	1 060.5	2 350.7	7 826.0	120.3
203	PRESERVED FRUITS AND VEGETABLES. . . .	358.4	101.6	256.8	2 500.7	2 561.6	(NA)	(NA)	222.5	1 083.5	3 237.9	1 ⁸ 136.2	234.6
2032	CANNED SPECIALTIES.	44.1	11.4	32.7	347.5	371.7	81	91	27.2	157.3	602.1	1 361.9	28.1
2033	CANNED FRUITS AND VEGETABLES.	113.1	30.8	82.4	1 197.0	1 257.0	89	94	100.1	473.8	1 413.3	3 467.8	101.9
2034	DEHYD. FRUITS, VEGETABLES, SOUPS. . . .	18.9	3.3	15.6	140.4	158.9	95	88	11.1	58.0	167.7	420.8	14.6
2035	PICKLES, SAUCES, SALAD DRESSINGS. . . .	43.4	17.8	25.7	210.5	204.8	80	78	19.8	100.5	295.5	818.9	14.9
2037	FROZEN FRUITS AND VEGETABLES.	57.8	12.5	45.3	401.9	395.7	86	91					
2038	FROZEN SPECIALTIES.	81.0	26.0	55.1	203.4	173.8	94	92	64.3	293.9	759.3	2 066.8	75.1
204	GRAIN MILL PRODUCTS.	266.6	65.9	200.7	974.4	869.5	(NA)	(NA)	111.8	758.2	2 881.9	1 ⁹ 894.5	181.1
2041	FLOUR, OTHER GRAIN MILL PRODUCTS. . . .	30.0	7.1	22.9	211.3	177.0	97	74	20.5	142.9	491.3	2 457.4	26.3
2043	CEREAL BREAKFAST FOODS.	24.9	6.7	18.2	78.8	77.3	77	84	12.2	93.8	473.3	793.0	18.4
2044	RICE MILLING.	6.3	1.5	4.8	195.5	152.4	100	98	4.2	24.4	103.8	548.4	9.8
2045	BLENDED AND PREPARED FLOUR.	13.7	4.2	9.5	47.6	40.6	77	65	7.5	55.0	233.1	547.5	10.5
2046	WET CORN MILLING.	59.7	9.3	50.4	82.8	85.3	93	97	14.1	116.1	353.6	751.3	40.5
2047	DOG, CAT, AND OTHER PET FOOD.	61.1	18.8	42.3	90.4	83.5	94	87					
2048	PREPARED FEEDS, NEC.	70.8	18.3	52.6	268.1	253.3	95	94	53.3	325.9	1 226.8	4 796.9	75.6
205	BAKERY PRODUCTS.	207.3	42.2	165.1	226.9	220.9	(NA)	(NA)	264.2	1 664.8	3 494.6	6 466.5	152.0
2051	BREAD, CAKE, AND RELATED PRODUCTS. . .	170.6	36.8	133.8	137.9	130.4	98	99	221.7	1 414.0	2 753.0	5 102.7	127.9
2052	COOKIES AND CRACKERS.	36.7	5.4	31.3	89.0	90.6	98	95	42.5	250.8	741.6	1 363.8	24.0
206	SUGAR, CONFECTIONERY PRODUCTS. . . .	186.2	36.5	149.6	985.8	973.4	(NA)	(NA)	114.0	643.8	1 900.0	1 ⁴ 999.3	156.8
2061	RAW CANE SUGAR.	28.8	2.4	26.4	43.2	40.0	100	96	7.9	48.5	133.8	368.5	21.4
2062	CANE SUGAR REFINING.	23.6	2.8	20.8	203.2	213.6	99	98	11.5	92.7	308.5	1 375.7	24.1
2063	BEEF SUGAR.	34.9	3.0	31.9	254.4	261.7	99	100	11.5	68.4	209.7	560.7	35.7
2065	CONFECTIONERY PRODUCTS.	53.4	13.4	40.1	289.8	280.0	95	95	67.9	338.7	861.5	1 870.2	53.0
2066	CHOCOLATE AND COCOA PRODUCTS.	26.5	9.1	17.4	122.9	116.4	98	75	8.4	53.9	196.2	520.5	9.3
2067	CHEWING GUM.	19.0	5.9	13.1	72.2	61.7	90	88	6.8	41.6	190.3	303.7	13.3
207	FATS AND OILS.	121.4	25.1	96.3	911.5	803.5	(NA)	(NA)	43.8	296.7	919.3	1 ⁵ 074.4	79.0
2074	COTTONSEED OIL MILLS.	9.9	3.0	6.9	97.9	117.1	85	88	5.4	26.5	65.4	405.9	4.9
2075	SOYBEAN OIL MILLS.	41.9	9.5	32.4	577.2	450.3	85	96	8.0	54.9	215.4	2 148.3	21.2
2076	VEGETABLE OIL MILLS, NEC.	3.0	1.1	1.9	39.9	29.0	93	63	1.7	10.8	41.8	236.7	1.9
2077	ANIMAL AND MARINE FATS AND OILS. . . .	31.0	6.7	24.3	29.3	29.6	94	68	13.7	91.3	206.0	557.9	21.7
2079	SHORTENING AND COOKING OILS.	35.5	4.7	30.8	167.1	177.6	89	78	15.0	113.2	390.7	1 725.6	29.3
208	BEVERAGES.	468.2	102.8	365.4	2 024.8	1 937.1	(NA)	(NA)	220.7	1 525.4	4 790.1	1 ⁹ 102.8	370.2
2082	MALT BEVERAGES.	155.6	39.8	115.8	205.1	194.2	100	100	59.6	519.7	1 545.7	2 929.7	140.4
2083	MALT.	7.9	1.6	6.3	80.0	79.9	97	99	2.0	17.1	47.5	216.5	7.1
2084	WINES, BRANDY, AND BRANDY SPIRITS. . . .	43.7	11.7	32.0	378.3	308.3	98	96	6.8	47.3	196.8	410.2	10.3
2085	DISTILLED LIQUOR, EXCEPT BRANDY. . . .	32.8	7.1	25.7	920.7	941.8	98	99	19.4	141.6	736.7	1 364.2	27.0
2086	BOTTLED AND CANNED SOFT DRINKS. . . .	207.1	35.8	171.2	281.0	267.0	98	97	123.3	726.7	1 679.4	3 173.2	168.1
2087	FLAVORING EXTRACTS, SIRUPS, NEC. . . .	21.1	6.7	14.4	159.7	145.5	87	86	9.7	73.0	584.0	1 009.1	17.4
209	MISC. FOODS, KINDRED PRODUCTS. . . .	172.5	46.6	125.9	835.0	767.7	(NA)	(NA)	130.4	700.3	2 375.2	1 ⁵ 951.5	164.8
2091	CANNED AND CURED SEAFOODS.	15.5	5.7	9.8	158.2	115.8	87	92	15.8	69.1	181.0	523.1	9.4
2092	FRESH OR FROZEN PACKAGED FISH.	17.8	5.8	12.1	169.3	144.4	96	96	21.4	77.2	164.9	557.4	8.7
2095	ROASTED COFFEE.	31.5	6.0	25.5	183.3	199.3	94	97	16.3	119.5	726.4	2 092.2	50.0
2097	MANUFACTURED ICE.	8.9	2.9	6.0	2.2	2.3	100	99	7.9	38.0	75.7	89.5	4.8
2098	MACARONI AND SPAGHETTI.	7.1	1.7	6.3	27.3	23.9	99	91	7.5	43.2	119.7	266.0	5.2
2099	FOOD PREPARATIONS, NEC.	91.8	25.6	66.2	294.8	281.5	90	82	61.6	353.3	1 107.5	2 413.3	86.7
21	TOBACCO PRODUCTS.	133.2	53.0	80.2	2 493.3	2 217.5	(NA)	(NA)	75.1	376.9	2 032.0	1 ⁴ 903.6	52.9
2111	CIGARETTES.	101.5	44.9	56.6	1 700.8	1 527.2	96	100	36.6	221.3	1 639.6	3 044.6	33.8
2121	CIGARS.	5.4	.8	4.6	62.5	62.3	99	91	19.0	71.2	195.8	363.7	5.4
2131	CHEWING AND SMOKING TOBACCO.	12.1	4.3	7.9	40.0	40.6	96	64	3.6	18.1	63.5	122.2	1.5
2141	TOBACCO STEMMING AND REDRYING.	14.1	3.0	11.2	690.1	587.4	100	97	15.9	66.2	133.1	1 373.1	12.2
22	TEXTILE MILL PRODUCTS.	1 127.4	217.9	909.5	3 940.6	3 750.6	(NA)	(NA)	929.0	4 390.9	8 153.2	1 ¹⁹ 815.2	733.1
2211	WEAVING MILLS, COTTON.	72.7	11.1	61.6	391.0	416.8	84	60	202.8	938.4	1 624.0	3 327.7	171.5
2221	WEAVING MILLS, MANMADE FIBER, SILK. . .	136.2	22.3	113.9	586.4	532.2	81	74	108.6	528.8	921.6	2 289.6	111.1
2231	WEAVING AND FINISHING MILLS, WOOL. . .	11.6	3.5	8.1	90.7	78.7	84	83	41.8	216.3	428.6	1 090.0	28.0
2241	NARROW FABRIC MILLS.	11.2	2.4	8.9	94.6	93.9	93	97	26.2	121.1	214.4	445.1	15.7
225	KNITTING MILLS.	401.6	63.4	338.2	1 140.7	1 099.2	(NA)	(NA)	240.6	1 035.8	1 914.1	1 ⁴ 519.3	119.4
2251	WOMEN'S HOSIERY, EXCEPT SOCKS. . . .	15.9	2.8	13.1	175.8	193.7	94	97	57.9	230.0	413.0	835.0	27.5
2252	HOSIERY, NEC.	12.5	3.1	9.3	91.5	88.4	95	94	39.0	136.9	230.7	550.1	9.4
2253	KNIT OUTERWEAR MILLS.	45.9	9.6	36.3	273.2	249.4	92	62	73.8	343.5	604.9	1 288.0	28.5
2254	KNIT UNDERWEAR MILLS.	7.0	1.6	5.5	83.6	88.0	90	94	30.7	115.2	201.4	445.3	7.2
2257	CIRCULAR KNIT FABRIC MILLS.	270.1	34.5	235.6	336.4	313.7	93	91	36.3	197.5	441.8	1 362.2	145.5
2258	WARP KNIT FABRIC MILLS.	48.2	11.5	36.6	166.4	153.4	90	95					
2259	KNITTING MILLS, NEC.	2.0	.2	1.8	13.9	12.5	93	78	3.0	12.7	22.4	38.8	1.3
226	TEXTILE FINISHING, EXCEPT WOOL. . . .	115.5	28.0	87.5	235.0	224.7	(NA)	(NA)	73.7	416.3	710.0	1 ¹ 735.0	55.9
2261	FINISHING PLANTS, COTTON.	31.5	8.0	23.5	60.5	59.1	79	41	35.7	153.0	313.8	893.9	27.4
2262	FINISH. PLTS, MANMADE FIBER, SILK. . . .	48.8	10.6	38.1	126.9	121.0	77	57	25.7	159.4	271.4	550.2	20.2
2269	FINISHING PLANTS, NEC.	35.2	9.4	25.9	47.7	44.6	92	54	12.3	63.6	124.8	290.9	8.2

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972									Value added by manufac- ture (million dollars)	Value of shipments (million dollars)
		Companies	Establishments		All employees		Production workers					
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages			
(number)	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)			
22	TEXTILE MILL PRODUCTS--CONTINUED											
227	FLOOR COVERING MILLS	465	527	278	59.8	415.3	48.4	99.6	294.1	1 076.0	3 145.4	
2271	WOVEN CARPETS AND RUGS	65	65	18	6.5	44.5	5.6	11.6	35.2	93.2	212.3	
2272	TUFTED CARPETS AND RUGS.	332	379	235	50.1	348.0	40.3	83.1	243.2	926.8	2 775.2	
2279	CARPETS AND RUGS, NEC.	79	83	25	3.2	22.7	2.5	4.9	15.6	56.0	157.0	
228	YARN AND THREAD MILLS.	553	807	634	147.5	866.1	134.0	280.4	725.8	1 579.5	4 242.8	
2281	YARN MILLS, EXCEPT WOOL.	264	424	357	89.6	516.3	83.5	177.2	451.4	867.2	2 248.3	
2282	THROWING AND WINDING MILLS	177	212	169	38.0	230.9	32.9	67.9	180.1	477.8	1 427.6	
2283	WOOL YARN MILLS.	93	98	63	8.3	49.7	7.5	15.3	41.5	92.7	221.4	
2284	THREAD MILLS	61	73	45	11.7	69.2	10.1	19.9	52.8	141.8	345.4	
229	MISCELLANEOUS TEXTILE GOODS.	1 059	1 196	532	71.9	539.7	58.6	122.7	387.9	1 149.4	2 813.1	
2291	FELT GOODS, EXC. WOVEN FELT, HATS.	38	47	30	5.0	38.3	4.0	8.5	28.0	80.5	146.5	
2292	LACE GOODS	99	105	29	2.9	17.3	2.5	4.7	13.5	29.4	47.1	
2293	PADDINGS AND UPHOLSTERY FILLING. .E1	119	132	59	4.4	34.2	3.6	7.2	23.1	64.5	134.6	
2294	PROCESSED TEXTILE WASTE.	102	106	37	3.6	22.2	3.1	6.7	16.9	50.9	133.8	
2295	COATED FABRICS, NOT RUBBERIZED	182	203	132	18.0	167.8	13.1	28.2	109.3	382.4	865.8	
2296	TIRE CORD AND FABRIC	9	18	18	10.0	70.0	9.1	19.4	60.6	145.8	685.1	
2297	NONWOVEN FABRICS	66	84	67	10.8	80.6	8.8	18.7	57.7	191.8	397.4	
2298	CORDAGE AND TWINE.	134	156	81	9.0	55.4	7.6	15.2	40.9	96.3	191.0	
2299	TEXTILE GOODS, NEC	338	345	79	8.3	53.9	6.8	14.3	37.8	107.7	211.8	
23	APPAREL, OTHER TEXTILE PRODS .E1	21 949	24 438	12 226	1 368.3	7 212.0	1 198.3	2 161.1	5 461.1	13 487.5	27 809.2	
2311	MEN'S AND BOYS' SUITS AND COATS.	721	856	570	124.8	770.3	108.3	193.7	603.1	1 342.2	2 396.9	
232	MEN'S AND BOYS' FURNISHINGS.	2 018	2 787	2 000	363.4	1 692.3	325.5	595.8	1 342.5	3 241.6	6 904.6	
2321	MEN'S, BOYS' SHIRTS, NIGHTWEAR.	516	730	563	113.4	514.9	102.0	186.7	413.0	1 003.8	2 104.3	
2322	MEN'S AND BOYS' UNDERWEAR.	67	94	73	16.0	68.6	15.1	27.7	60.2	130.9	239.3	
2323	MEN'S AND BOYS' NECKWEAR.	291	299	135	11.1	70.0	8.8	15.5	38.9	143.4	294.9	
2327	MEN'S AND BOYS' SEPARATE TROUSERS.	463	624	428	91.3	439.3	81.8	150.0	346.8	784.9	1 745.0	
2328	MEN'S AND BOYS' WORK CLOTHING.	297	503	435	89.6	389.0	80.6	149.0	322.6	784.8	1 738.0	
2329	MEN'S AND BOYS' CLOTHING, NEC.	481	537	366	41.9	210.4	37.1	66.9	161.1	393.8	783.2	
233	WOMEN'S AND MISSES' OUTERWEAR. .E1	8 867	9 526	5 600	432.6	2 269.6	377.7	659.4	1 694.0	4 102.0	8 278.2	
2331	WOMEN'S, MISSES' BLOUSES, WAISTS	890	971	703	63.0	328.1	54.8	98.6	234.6	592.4	1 254.9	
2335	WOMEN'S AND MISSES' DRESSES.	5 295	5 565	2 978	211.6	1 076.9	186.5	316.1	825.5	1 888.7	3 580.0	
2337	WOMEN'S, MISSES' SUITS AND COATS .E1	1 548	1 617	1 022	75.9	446.7	64.9	116.8	323.6	839.8	1 805.3	
2339	WOMEN'S, MISSES' OUTERWEAR, NEC.	1 247	1 373	897	82.1	417.9	71.5	128.0	310.4	781.0	1 638.0	
234	WOMEN'S, CHILDREN'S UNDERGARMENTS	819	1 002	677	105.4	524.8	91.9	166.9	388.5	1 049.0	1 978.9	
2341	WOMEN'S AND CHILDREN'S UNDERWEAR	611	730	484	77.5	372.0	68.7	125.0	284.1	709.0	1 331.9	
2342	BRASSIERES AND ALLIED GARMENTS	220	272	193	28.0	152.8	23.2	41.9	104.4	340.0	647.0	
235	HATS, CAPS, AND MILLINERY.	468	496	174	14.5	72.6	12.7	22.8	55.6	133.4	229.1	
2351	MILLINERY.	215	216	52	3.2	17.0	2.7	4.4	12.9	33.2	58.1	
2352	HATS AND CAPS, EXCEPT MILLINERY. .E1	253	280	122	11.3	55.6	10.0	18.4	42.8	100.2	171.0	
236	CHILDREN'S OUTERWEAR	944	1 061	723	74.8	367.5	65.8	116.8	278.1	709.1	1 421.9	
2361	CHILDREN'S DRESSES AND BLOUSES	434	490	353	35.4	174.4	31.0	52.9	129.8	335.8	655.2	
2363	CHILDREN'S COATS AND SUITS	154	165	105	9.2	48.5	8.1	14.5	36.3	90.4	188.5	
2369	CHILDREN'S OUTERWEAR, NEC.	372	406	265	30.1	144.6	26.8	49.4	112.0	282.9	578.2	
2371	FUR GOODS.	796	797	48	4.7	41.2	4.0	6.7	31.1	86.2	220.0	
238	MISC. APPAREL AND ACCESSORIES. .E1	1 217	1 302	679	61.9	334.6	53.7	97.7	242.5	635.9	1 280.0	
2381	FABRIC DRESS AND WORK GLOVES	106	137	94	11.9	56.3	10.9	20.2	47.4	100.3	198.8	
2384	ROBES AND DRESSING GOWNS	171	179	110	10.0	50.0	8.5	15.3	36.2	92.5	202.8	
2385	WATERPROOF OUTERGARMENTS	237	258	165	15.4	86.4	13.2	23.5	62.6	168.8	332.1	
2386	LEATHER AND SHEEP LINED CLOTHING .E1	185	187	91	7.0	40.8	6.3	11.6	30.7	82.1	172.1	
2387	APPAREL BELTS.	292	297	132	10.3	65.9	8.7	16.2	41.0	132.5	257.5	
2389	APPAREL AND ACCESSORIES, NEC	238	244	87	7.3	35.3	6.2	10.9	24.5	59.7	116.8	
239	MISC. FABRICATED TEXTILE PRODS .E1	6 377	6 611	1 755	186.2	1 139.1	158.7	301.3	825.6	2 188.2	5 099.5	
2391	CURTAINS AND DRAPERIES	1 540	1 592	351	33.9	167.1	29.5	54.9	124.7	302.3	754.9	
2392	HOUSEFURNISHINGS, NEC.	1 058	1 112	414	50.3	281.9	42.2	82.5	194.0	585.2	1 526.9	
2393	TEXTILE BAGS	188	208	94	7.9	44.0	6.7	12.7	31.4	74.5	255.1	
2394	CANVAS AND RELATED PRODUCTS.	845	860	146	12.9	75.9	10.3	19.3	49.2	130.3	276.4	
2395	PLEATING AND STITCHING	894	898	205	16.7	89.2	14.7	26.3	65.3	174.7	308.2	
2396	AUTOMOTIVE AND APPAREL TRIMMINGS	644	668	203	27.6	266.6	23.2	45.3	201.8	530.8	1 133.0	
2397	SCHIFFLI MACHINE EMBROIDERIES.	446	451	56	5.5	38.9	4.9	10.1	29.4	75.0	120.5	
2399	FABRICATED TEXTILE PRODUCTS, NEC .E1	796	822	286	31.4	175.3	27.1	50.1	129.8	315.5	724.7	
24	LUMBER AND WOOD PRODUCTS . . .E1	31 935	33 949	6 868	691.0	4 985.6	601.1	1 167.8	3 934.9	10 310.2	23 829.7	
2411	LOGGING CAMPS, LOG CONTRACTORS . .E3	13 152	13 238	696	80.0	523.9	74.5	129.6	456.1	1 163.4	2 529.5	
242	SAWMILLS AND PLANING MILLS . . .E1	8 909	9 452	2 168	204.4	1 488.4	183.5	367.8	1 245.3	3 259.3	7 244.3	
2421	SAWMILLS, PLANING MILLS, GENERAL .E1	7 662	8 072	1 718	166.6	1 274.4	149.5	302.2	1 070.0	2 906.8	6 484.5	
2426	HARDWOOD DIMENSION AND FLOORING. .E1	879	933	364	31.5	173.9	28.2	55.9	141.7	272.1	579.0	
2429	SPECIAL PRODUCT SAWMILLS, NEC. . .E1	397	447	86	6.4	40.0	5.8	9.7	33.7	80.4	180.8	
243	MILLWORK, PLYWOOD, STRUC. MEMBS.	5 127	5 506	1 791	190.7	1 474.3	162.4	322.8	1 139.9	2 908.4	6 703.3	
2431	MILLWORK	2 340	2 434	720	70.5	524.5	58.4	110.8	383.6	962.7	2 426.8	
2434	WOOD KITCHEN CABINETS.	1 761	1 796	396	38.8	286.6	32.2	62.0	208.1	486.7	897.2	
2435	HARDWOOD VENEER AND PLYWOOD.	326	366	254	25.1	165.2	22.1	46.1	129.1	340.8	911.8	
2436	SOFTWOOD VENEER AND PLYWOOD.	121	232	225	43.7	403.6	39.9	85.3	356.5	935.4	2 011.5	
2439	STRUCTURAL WOOD MEMBERS, NEC . . .E1	642	678	196	12.6	94.4	9.8	18.6	62.6	182.8	456.0	
244	WOOD CONTAINERS.	1 096	1 160	501	36.8	203.8	32.5	62.4	161.2	358.8	773.5	
2441	NAILED WOOD BOXES AND SHOOK.	424	436	130	10.7	61.1	9.5	18.4	49.0	103.8	237.9	
2448	WOOD PALLETS AND SKIDS	444	456	271	14.3	77.7	12.5	23.1	60.3	140.9	295.4	
2449	WOOD CONTAINERS, NEC	236	268	100	11.9	65.0	10.5	21.0	51.9	114.1	240.2	

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972—Continued							1967				
		Capital expenditures, new ^a			Inventories end of—		Special ization ratio	Cover- age ratio	All employees		Value added by manufac- ture	Value of shipments	Capital ex- pendi- tures, new
		Total	Structures and additions to plant	Machinery and equipment	1972	1971			Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(per- cent)	(per- cent)	(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
22	TEXTILE MILL PRODUCTS--CONTINUED												
227	FLOOR COVERING MILLS	74.7	23.0	51.6	560.8	506.5	(NA)	(NA)	43.6	227.8	599.4	¹ 757.4	45.5
2271	WOVEN CARPETS AND RUGS	3.2	.6	2.6	44.4	42.9	89	85	8.7	47.2	104.7	240.2	6.3
2272	TUFTED CARPETS AND RUGS	67.1	21.7	45.4	491.8	438.5	97	98	31.8	165.7	449.4	1 426.9	33.6
2279	CARPETS AND RUGS, NEC.	4.3	.7	3.6	24.6	25.2	65	72	3.1	14.9	45.3	90.3	5.6
228	YARN AND THREAD MILLS.	221.7	46.4	175.3	447.6	444.8	(NA)	(NA)	119.2	504.9	946.1	¹ 2 608.6	127.9
2281	YARN MILLS, EXCEPT WOOL.	96.3	16.5	79.8	243.1	237.3	92	86	74.5	310.5	556.2	1 422.5	89.4
2282	THROWING AND WINDING MILLS	113.7	27.7	86.0	110.7	122.6	94	74	18.5	78.6	173.2	568.0	18.0
2283	WOOL YARN MILLS.	4.2	.5	3.6	37.0	28.9	72	69	14.7	66.0	117.9	361.5	8.9
2284	THREAD MILLS	7.5	1.6	5.8	56.8	55.9	92	90	11.4	49.8	98.9	256.6	11.6
229	MISCELLANEOUS TEXTILE GOODS.	82.3	17.8	64.4	393.8	353.6	(NA)	(NA)	72.4	401.4	795.0	¹ 2 042.4	58.1
2291	FELT GOODS, EXC. WOVEN FELT, HATS.	2.8	.5	2.3	25.7	25.2	77	82	4.5	26.3	63.6	133.6	3.2
2292	LACE GOODS.	1.7	.2	1.5	7.7	7.4	93	89	5.0	23.7	36.6	65.7	2.0
2293	PADDINGS AND UPHOLSTERY FILLING. .E1	2.9	.6	2.3	11.6	10.3	86	73	6.5	36.0	78.0	168.1	3.4
2294	PROCESSED TEXTILE WASTE.	3.2	.7	2.5	13.9	12.4	100	92	4.5	20.7	34.5	91.5	1.6
2295	COATED FABRICS, NOT RUBBERIZED	29.6	6.7	22.9	145.7	125.1	87	87	17.5	121.3	255.2	616.2	17.0
2296	TIRE CORD AND FABRIC	8.8	2.0	6.8	67.3	63.9	91	97	10.1	48.7	91.5	444.1	15.2
2297	NONWOVEN FABRICS	15.0	2.8	12.2	50.3	41.7	84	61	(NA)	(NA)	(NA)	(NA)	(NA)
2298	CORDAGE AND TWINE.	4.9	1.0	3.9	42.7	45.1	86	92	10.2	48.5	95.4	188.8	4.4
2299	TEXTILE GOODS, NEC	13.4	3.4	10.0	28.9	22.3	97	77	(NA)	(NA)	(NA)	(NA)	(NA)
23	APPAREL, OTHER TEXTILE PRODS .E1	363.5	101.8	261.7	3 788.8	3 538.5	(NA)	(NA)	1 356.7	5 582.2	10 064.4	¹ 31 326.9	208.3
2311	MEN'S AND BOYS' SUITS AND COATS.	22.5	7.4	15.1	399.7	395.2	93	96	135.9	641.7	1 047.5	1 912.1	15.7
232	MEN'S AND BOYS' FURNISHINGS.	90.2	24.6	65.7	1 066.1	1 005.3	(NA)	(NA)	344.5	1 212.4	2 181.2	¹ 4 738.1	53.5
2321	MEN'S, BOYS' SHIRTS, NIGHTWEAR	24.1	5.0	19.1	327.4	296.4	90	83	114.4	388.4	703.9	1 448.2	14.6
2322	MEN'S AND BOYS' UNDERWEAR.	5.7	.6	5.1	36.5	32.8	94	94	13.4	44.8	82.0	180.2	5.9
2323	MEN'S AND BOYS' NECKWEAR.	4.0	2.1	1.9	28.6	27.4	99	94	7.8	37.3	69.4	144.7	.8
2327	MEN'S AND BOYS' SEPARATE TROUSERS.	22.2	6.1	16.1	286.3	296.8	87	85	88.1	316.7	542.4	1 132.4	16.3
2328	MEN'S AND BOYS' WORK CLOTHING.	24.1	7.4	16.7	236.9	221.8	85	89	78.2	254.7	465.4	1 155.0	10.7
2329	MEN'S AND BOYS' CLOTHING, NEC.	10.1	3.4	6.8	150.4	130.3	90	61	42.6	170.6	318.1	677.7	5.1
233	WOMEN'S AND MISSES' OUTERWEAR. .E1	98.3	33.9	64.4	847.6	792.8	(NA)	(NA)	409.2	1 755.8	3 182.5	¹ 6 534.1	42.3
2331	WOMEN'S, MISSES' BLOUSES, WAISTS	30.0	15.3	14.7	129.0	119.1	83	74	56.1	209.0	384.2	727.0	6.2
2335	WOMEN'S AND MISSES' DRESSES.	32.6	8.8	23.8	319.5	316.2	96	95	209.6	889.4	1 588.5	3 086.3	18.6
2337	WOMEN'S, MISSES' SUITS AND COATS .E1	16.4	4.6	11.8	177.7	165.9	84	80	83.8	423.3	786.7	1 776.4	9.5
2339	WOMEN'S, MISSES' OUTERWEAR, NEC.	19.3	5.2	14.1	221.5	191.6	81	62	59.7	234.1	423.2	944.3	8.1
234	WOMEN'S, CHILDREN'S UNDERGARMS	24.0	5.6	18.4	341.0	319.7	(NA)	(NA)	113.5	443.8	867.3	¹ 1 780.1	17.8
2341	WOMEN'S AND CHILDREN'S UNDERWEAR	19.3	4.5	14.8	217.9	201.2	94	88	75.5	282.3	515.9	1 116.8	11.0
2342	BRASSIERES AND ALLIED GARMENTS.	4.6	1.1	3.6	123.1	118.5	96	90	38.0	161.5	351.4	663.3	6.7
235	HATS, CAPS, AND MILLINERY.	2.2	.5	1.7	33.9	28.3	(NA)	(NA)	23.7	101.7	164.2	¹ 306.9	2.3
2351	MILLINERY. . . . .	.3	.1	.2	3.8	3.6	99	96	8.2	36.9	63.5	112.4	.5
2352	HATS AND CAPS, EXCEPT MILLINERY. .E1	1.9	.5	1.5	30.1	24.5	96	99	15.5	64.8	100.7	194.5	1.8
236	CHILDREN'S OUTERWEAR	19.8	4.6	15.2	175.0	171.8	(NA)	(NA)	78.3	298.2	537.9	¹ 1 127.5	9.1
2361	CHILDREN'S DRESSES AND BLOUSES	12.9	2.4	10.5	76.3	74.1	89	86	35.3	134.6	242.4	496.0	3.4
2363	CHILDREN'S COATS AND SUITS . . . . .	.8	.1	.7	19.2	17.4	91	85	10.9	45.9	78.2	175.3	1.4
2369	CHILDREN'S OUTERWEAR, NEC.	6.1	2.1	4.0	79.6	80.4	85	70	32.0	117.7	217.3	456.2	4.3
2371	FUR GOODS.	1.1	.2	.9	27.5	26.4	99	99	8.5	59.4	117.2	333.2	1.1
238	MISC. APPAREL AND ACCESSORIES. .E1	14.9	4.2	10.7	183.4	168.5	(NA)	(NA)	70.7	284.5	510.1	¹ 1 097.1	10.5
2381	FABRIC DRESS AND WORK GLOVES	1.9	.6	1.3	30.4	26.3	93	86	14.0	48.7	86.5	176.6	1.8
2384	ROBES AND DRESSING GOWNS	2.0	.8	1.3	28.8	28.6	93	97	11.3	42.9	81.9	200.2	1.5
2385	WATERPROOF OUTERGARMENTS	2.4	.6	1.8	47.1	45.9	97	94	23.3	95.3	174.4	371.9	2.9
2386	LEATHER AND SHEEP LINED CLOTHING .E1	2.5	.8	1.7	20.8	16.7	94	87	5.1	23.9	43.4	98.8	.5
2387	APPAREL BELTS.	3.2	.9	2.3	33.9	29.1	94	97	8.5	38.6	68.0	130.2	.9
2389	APPAREL AND ACCESSORIES, NEC	2.8	.5	2.3	22.5	22.0	97	84	8.4	35.1	55.8	119.5	2.9
239	MISC. FABRICATED TEXTILE PRODS .E1	90.4	20.7	69.7	714.5	630.4	(NA)	(NA)	172.7	784.7	1 456.5	¹ 3 497.5	56.1
2391	CURTAINS AND DRAPERIES	9.5	2.6	6.9	101.1	87.8	93	93	25.7	100.5	178.2	418.7	3.9
2392	HOUSEFURNISHINGS, NEC.	29.9	8.0	21.9	250.1	226.0	86	58	46.3	196.3	353.7	962.8	11.9
2393	TEXTILE BAGS	5.5	.8	4.7	38.6	35.0	93	90	9.1	38.0	88.5	291.1	1.9
2394	CANVAS AND RELATED PRODUCTS.	4.0	1.1	2.9	68.9	57.2	95	88	15.2	68.5	126.9	273.6	3.4
2395	PLEATING AND STITCHING	3.2	.5	2.6	40.6	31.1	88	98	13.5	54.3	90.2	139.3	1.5
2396	AUTOMOTIVE AND APPAREL TRIMMINGS	10.4	2.1	8.3	103.1	88.0	98	95	30.6	181.9	334.8	777.4	13.4
2397	SCHIFFLI MACHINE EMBROIDERIES.	2.2	.4	1.8	6.4	5.4	96	99	5.4	30.5	59.5	99.6	.5
2399	FABRICATED TEXTILE PRODUCTS, NEC .E1	25.9	5.2	20.7	105.7	99.8	89	82	26.8	114.6	224.6	535.1	19.6
24	LUMBER AND WOOD PRODUCTS	931.2	227.2	704.0	2 601.2	2 459.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2411	LOGGING CAMPS, LOG CONTRACTORS . .E3	157.0	26.8	130.2	195.7	192.9	97	89	70.6	338.8	695.1	1 476.3	101.5
242	SAWMILLS AND PLANING MILLS	329.6	68.8	260.7	854.1	844.3	(NA)	(NA)	215.5	1 028.3	1 783.9	¹ 3 997.8	144.9
2421	SAWMILLS, PLANING MILLS, GENERAL .E1	307.1	63.0	244.2	752.0	741.2	91	94	180.5	884.6	1 556.4	3 506.4	130.0
2426	HARDWOOD DIMENSION AND FLOORING. .E1	16.8	4.7	12.1	81.7	79.7	91	88	(NA)	(NA)	(NA)	(NA)	(NA)
2429	SPECIAL PRODUCT SAWMILLS, NEC.	5.7	1.2	4.5	20.4	23.5	98	96	7.1	28.5	50.7	117.9	2.7
243	MILLWORK, PLYWOOD, STRUC. MEMBS.	194.8	51.4	143.4	789.0	731.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2431	MILLWORK	57.2	21.2	35.9	365.2	334.3	94	94	(NA)	(NA)	(NA)	(NA)	(NA)
2434	WOOD KITCHEN CABINETS.	28.3	10.8	17.5	119.7	104.6	95	95	(NA)	(NA)	(NA)	(NA)	(NA)
2435	HARDWOOD VENEER AND PLYWOOD.	32.1	6.6	25.6	142.0	133.3	91	92	(NA)	(NA)	(NA)	(NA)	(NA)
2436	SOFTWOOD VENEER AND PLYWOOD.	65.4	9.0	56.5	113.6	115.4	88	89	(NA)	(NA)	(NA)	(NA)	(NA)
2439	STRUCTURAL WOOD MEMBERS, NEC	11.8	3.8	8.0	48.5	43.4	95	90	(NA)	(NA)	(NA)	(NA)	(NA)
244	WOOD CONTAINERS.	21.2	4.9	16.2	82.2	81.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2441	NAILED WOOD BOXES AND SHOOK.	6.4	1.7	4.8	26.1	25.3	88	87	15.9	70.9	123.0	273.8	5.0
2448	WOOD PALLETS AND SKIDS	11.2	2.5	8.7	17.2	16.5	91	89	(NA)	(NA)	(NA)	(NA)	(NA)
2449	WOOD CONTAINERS, NEC	3.6	.8	2.8	38.9	39.7	94	98	15.4	63.6	115.6	255.7	4.9

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972									
		Companies	Establishments		All employees		Production workers			Value added by manufac- ture	Value of shipments
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages		
24	LUMBER AND WOOD PRODUCTS--CON.										
245	WOOD BUILDINGS AND MOBILE HOMES. .	597	993	834	97.1	745.4	79.4	149.9	531.8	1 490.9	4 289.0
2451	MOBILE HOMES	350	633	589	71.9	547.3	60.5	115.1	407.7	1 033.9	3 242.9
2452	PREFABRICATED WOOD BUILDINGS	262	310	245	25.2	198.1	18.9	34.8	124.1	457.1	1 046.1
249	MISCELLANEOUS WOOD PRODUCTS. . .E1	3 341	3 600	878	82.0	549.9	68.7	135.2	400.6	1 129.4	2 290.1
2491	WOOD PRESERVING.	309	399	168	11.3	74.5	9.2	18.8	54.4	175.8	475.8
2492	PARTICLEBOARD.	40	68	64	7.7	65.5	6.4	13.8	51.8	144.5	295.4
2499	WOOD PRODUCTS, NECE1	3 008	3 133	646	63.0	410.0	53.0	102.6	294.3	809.1	1 518.9
25	FURNITURE AND FIXTURES	8 482	9 233	3 647	462.0	3 205.4	384.1	756.1	2 323.6	6 097.1	11 320.3
251	HOUSEHOLD FURNITURE.	4 846	5 369	2 335	317.4	2 023.7	272.4	535.4	1 524.9	3 860.5	7 409.6
2511	WOOD HOUSEHOLD FURNITURE	2 173	2 348	827	133.8	806.8	118.8	240.9	642.3	1 556.9	2 870.0
2512	UPHOLSTERED HOUSEHOLD FURNITURE. . .	1 203	1 308	770	92.0	605.3	78.3	150.2	454.7	1 104.0	2 104.7
2514	METAL HOUSEHOLD FURNITURE.	427	467	230	34.4	222.5	28.6	53.7	157.6	447.2	890.4
2515	MATTRESSES AND BEDSPRINGS.	888	977	370	31.4	233.7	24.2	47.1	149.7	479.9	1 041.7
2517	WOOD TV AND RADIO CABINETS	90	103	65	18.9	111.2	16.6	32.4	87.5	176.9	330.2
2519	HOUSEHOLD FURNITURE, NEC	157	166	73	6.9	44.2	5.9	11.0	33.0	95.6	172.6
252	OFFICE FURNITURE	391	433	222	39.3	330.0	30.4	62.3	228.1	659.9	1 111.2
2521	WOOD OFFICE FURNITURE.	232	240	104	11.5	80.1	9.6	19.4	60.1	146.7	249.7
2522	METAL OFFICE FURNITURE	165	193	118	27.8	249.9	20.8	42.9	168.0	513.2	861.5
2531	PUBLIC BLDG., RELATED FURNITURE. . .	405	422	195	21.4	157.8	16.3	31.6	103.8	295.9	535.3
254	PARTITIONS AND FIXTURES.E1	1 941	2 010	652	57.4	483.9	44.7	86.8	330.7	871.0	1 527.7
2541	WOOD PARTITIONS AND FIXTURES . . .E1	1 473	1 503	413	31.2	268.2	24.8	48.3	187.6	458.6	793.2
2542	METAL PARTITIONS AND FIXTURES. . . .	482	507	239	26.2	215.7	19.9	38.5	143.1	412.4	734.5
259	MISC. FURNITURE AND FIXTURES . .E1	970	999	243	26.5	209.9	20.3	40.1	136.2	409.9	736.5
2591	DRAPERY HARDWARE, BLINDS, SHADES .E1	493	505	66	12.1	94.4	8.7	17.1	56.6	198.2	364.5
2599	FURNITURE AND FIXTURES, NEC. . . .E1	477	494	177	14.5	115.5	11.6	22.9	79.6	211.7	372.0
26	PAPER AND ALLIED PRODUCTS.	3 956	6 038	3 956	633.4	5 992.1	498.8	1 040.5	4 320.2	13 064.1	28 261.9
2611	PULPMILLS.	45	60	35	10.6	125.7	8.4	17.6	95.0	306.9	709.9
2621	PAPERMILLS, EXCEPT BUILDING PAPER. .	198	349	295	129.9	1 439.6	103.3	226.0	1 091.8	2 909.3	6 385.2
2631	PAPERBOARD MILLS	134	273	248	68.5	778.2	54.5	121.2	588.5	1 994.4	4 153.5
264	MISC. CONVERTED PAPER PRODUCTS . .	2 025	2 525	1 325	189.1	1 630.0	147.9	299.4	1 134.6	4 008.2	8 452.4
2641	PAPER COATING AND GLAZING.	366	426	217	37.2	366.6	26.5	55.7	231.9	984.4	1 954.0
2642	ENVELOPES	178	247	183	22.9	194.6	18.4	37.3	134.7	347.1	620.8
2643	BAGS, EXCEPT TEXTILE BAGS.	466	583	331	48.6	385.5	38.9	78.9	279.4	840.5	1 885.7
2645	DIE-CUT PAPER AND BOARD.	311	374	159	15.2	132.5	11.8	23.7	90.5	301.6	676.3
2646	PRESSED AND MOLDED PULP GOODS. . . .	34	49	38	6.1	51.8	5.0	10.2	39.5	100.6	162.8
2647	SANITARY PAPER PRODUCTS.	74	108	85	26.3	256.1	21.8	43.6	197.2	882.8	2 071.8
2648	STATIONERY PRODUCTS.E1	406	431	131	14.7	106.3	11.5	22.3	72.6	225.6	450.5
2649	CONVERTED PAPER PRODUCTS, NEC. . . .	289	307	181	18.1	136.6	14.0	27.6	88.8	325.6	630.6
265	PAPERBOARD CONTAINERS AND BOXES. . .	1 749	2 739	1 979	223.7	1 907.0	174.9	354.9	1 318.9	3 598.8	8 104.7
2651	FOLDING PAPERBOARD BOXES	442	544	376	45.3	398.1	36.5	73.4	285.9	739.7	1 487.0
2652	SETUP PAPERBOARD BOXES	368	397	269	18.1	111.6	15.5	29.2	80.9	195.9	321.3
2653	CORRUGATED AND SOLID FIBER BOXES . .	709	1 265	959	107.9	976.3	80.6	165.9	643.0	1 736.9	4 308.8
2654	SANITARY FOOD CONTAINERS	160	251	193	35.1	277.7	27.9	56.7	203.0	659.8	1 419.7
2655	FIBER CANS, DRUMS, SIMILAR PRODS . .	171	282	182	17.3	143.3	14.4	29.6	106.1	266.4	568.0
2661	BUILDING PAPER AND BOARD MILLS . . .	46	92	74	11.6	111.6	9.9	21.4	91.4	246.5	456.2
27	PRINTING AND PUBLISHING.	39 894	42 103	8 619	1 056.5	9 831.2	637.6	1 181.1	5 462.6	20 209.5	30 146.4
2711	NEWSPAPERS	7 467	8 116	2 119	348.5	3 168.1	169.7	298.4	1 536.8	6 219.9	8 262.8
2721	PERIODICALS.	2 456	2 534	452	66.5	708.5	11.1	21.1	84.6	2 109.9	3 510.6
273	BOOKS.	1 787	1 905	594	98.1	918.9	49.2	96.0	397.6	2 540.3	3 794.5
2731	BOOK PUBLISHING.	1 124	1 205	307	57.1	557.7	16.2	31.4	128.6	1 935.8	2 856.8
2732	BOOK PRINTING.	672	700	287	40.9	361.2	33.0	64.5	269.0	604.5	937.7
2741	MISCELLANEOUS PUBLISHINGE1	1 964	2 041	272	38.8	331.2	19.1	31.7	135.0	775.8	1 070.2
275	COMMERCIAL PRINTING.E1	21 750	22 282	3 527	344.2	3 277.4	268.3	503.0	2 323.5	5 695.0	9 329.7
2751	COMMERCIAL PRINTING, LETTERPRESS .E3	13 043	13 199	1 172	130.5	1 136.0	104.2	191.6	817.0	2 015.4	3 305.8
2752	COMMERCIAL PRINTING, LITHOGRAPHIC.E1	8 161	8 388	2 135	184.0	1 835.3	139.6	264.2	1 266.2	3 155.1	5 124.8
2753	ENGRAVING AND PLATE PRINTING . . .E1	542	560	132	9.6	80.7	7.5	14.4	58.1	152.4	201.6
2754	COMMERCIAL PRINTING, GRAVURE	117	135	88	20.0	225.4	17.0	32.8	182.3	372.2	697.6
2761	MANIFOLD BUSINESS FORMS.	533	667	376	38.6	343.6	28.8	58.6	235.2	823.6	1 429.7
2771	GREETING CARD PUBLISHING	186	199	82	23.5	191.5	12.4	24.1	93.9	527.0	774.4
278	BLANKBOOKS AND BOOKBINDING	1 364	1 465	541	51.7	371.6	44.0	83.6	278.9	686.8	968.2
2782	BLANKBOOKS AND LOOSELEAF BINDERS . .	376	461	240	26.6	192.7	22.0	43.2	139.8	390.6	591.1
2789	BOOKBINDING AND RELATED WORK . . .E1	990	1 004	301	25.1	178.9	22.0	40.5	139.1	296.2	377.2
279	PRINTING TRADE SERVICES.E1	2 816	2 894	656	46.6	520.5	35.1	64.6	377.2	831.3	1 006.3
2791	TYPESETTING.E1	1 858	1 887	373	26.0	269.8	21.1	38.1	205.9	426.0	482.8
2793	PHOTOENGRAVINGE1	581	590	135	9.9	119.3	6.6	12.5	81.0	191.7	229.7
2794	ELECTROTYPE AND STEREOTYPING . .E1	72	81	24	1.7	19.0	1.2	2.1	13.5	28.5	36.8
2795	LITHOGRAPHIC PLATEMAKING SERVICES. .	329	336	124	8.9	112.4	6.2	11.8	76.8	185.1	257.0
28	CHEMICALS AND ALLIED PRODUCTS. . .	8 057	11 425	4 431	836.5	8 730.5	525.0	1 053.7	4 753.9	32 413.9	57 349.6
281	INDUSTRIAL INORGANIC CHEMICALS . . .	345	1 049	510	99.5	1 078.5	63.9	127.8	631.1	3 343.1	6 132.7
2812	ALKALIES AND CHLORINE.	28	48	39	13.3	152.0	9.6	18.9	102.6	455.6	823.2
2813	INDUSTRIAL GASES	106	503	138	9.6	87.2	5.4	10.6	48.3	466.7	679.3
2816	INORGANIC PIGMENTS	77	114	69	12.8	134.6	9.0	18.3	87.8	382.6	796.9
2819	INDUSTRIAL INORGANIC CHEM., NEC. . .	166	384	264	63.8	704.7	39.9	80.0	392.4	2 038.2	3 833.3

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)													
1972 code	Industry group and industry	1972--Continued						1967					
		Capital expenditures, new ^a			Inventories end of--		Special- ization ratio	Cover- age ratio	All employees		Value added by manufac- ture	Value of shipments	Capital expendi- tures, new
		Total	Structures and additions to plant	Machinery and equipment	1972	1971			Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)			(per- cent	(per- cent	(1,000)	(million dollars)	(million dollars)
24	LUMBER AND WOOD PRODUCTS--CON.												
245	WOOD BUILDINGS AND MOBILE HOMES. .	93.0	49.1	43.9	366.3	300.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2451	MOBILE HOMES	63.4	34.8	28.6	222.6	191.0	99	99	(NA)	(NA)	(NA)	(NA)	(NA)
2452	PREFABRICATED WOOD BUILDINGS	29.6	14.3	15.3	143.7	108.9	97	96	(NA)	(NA)	(NA)	(NA)	(NA)
249	MISCELLANEOUS WOOD PRODUCTS. . .E1	135.7	26.2	109.5	313.9	309.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2491	WOOD PRESERVING.	14.8	2.2	12.6	94.7	95.5	99	96	12.2	61.9	135.6	344.2	10.7
2492	PARTICLEBOARD.	34.6	2.7	31.9	16.6	16.8	92	94	(NA)	(NA)	(NA)	(NA)	(NA)
2499	WOOD PRODUCTS, NECE1	86.3	21.4	65.0	202.6	197.2	95	91	(NA)	(NA)	(NA)	(NA)	(NA)
25	FURNITURE AND FIXTURES	306.2	115.7	190.4	1 754.4	1 561.3	(NA)	(NA)	425.3	2 258.3	4 169.5	7 749.8	198.0
251	HOUSEHOLD FURNITURE.	202.6	77.3	125.4	1 081.4	931.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2511	WOOD HOUSEHOLD FURNITURE	93.8	35.4	58.4	513.2	453.0	94	95	(NA)	(NA)	(NA)	(NA)	(NA)
2512	UPHOLSTERED HOUSEHOLD FURNITURE. . .	54.7	26.5	28.2	251.4	207.1	92	95	(NA)	(NA)	(NA)	(NA)	(NA)
2514	METAL HOUSEHOLD FURNITURE.	16.9	4.0	12.9	133.8	116.7	90	91	31.0	155.5	291.3	605.3	10.1
2515	MATTRESSES AND BEDSPRINGS.	20.7	7.5	13.3	112.9	104.8	94	88	31.2	171.5	335.5	745.1	10.3
2517	WOOD TV AND RADIO CABINETS	9.5	2.6	6.9	49.8	33.3	85	91	(NA)	(NA)	(NA)	(NA)	(NA)
2519	HOUSEHOLD FURNITURE, NEC	7.0	1.3	5.8	20.2	16.4	84	73	(NA)	(NA)	(NA)	(NA)	(NA)
252	OFFICE FURNITURE	31.8	15.9	15.9	194.6	175.7	(NA)	(NA)	35.2	225.0	478.1	1 781.2	37.2
2521	WOOD OFFICE FURNITURE.	7.3	4.7	2.6	50.1	43.3	90	84	8.2	46.4	88.8	158.3	5.7
2522	METAL OFFICE FURNITURE	24.5	11.2	13.3	144.5	132.4	90	89	27.0	178.5	389.3	622.9	31.5
2531	PUBLIC BLDG., RELATED FURNITURE. . .	13.0	3.7	9.3	108.6	95.3	86	87	22.6	132.2	233.6	421.2	10.0
254	PARTITIONS AND FIXTURES.E1	34.0	10.8	23.1	237.5	224.8	(NA)	(NA)	48.0	323.6	587.0	1 010.7	28.0
2541	WOOD PARTITIONS AND FIXTURES . . .E1	14.6	4.5	10.1	118.0	108.5	92	89	25.3	170.7	284.6	498.6	8.1
2542	METAL PARTITIONS AND FIXTURES. . .	19.4	6.3	13.1	119.5	116.4	90	86	22.7	152.9	302.5	512.0	19.9
259	MISC. FURNITURE AND FIXTURES . . .E1	24.7	8.0	16.7	132.4	134.2	(NA)	(NA)	21.6	121.4	221.2	1 425.7	10.1
2591	DRAPERY HARDWARE, BLINDS, SHADES .E1	9.9	1.1	8.8	79.7	84.1	90	96	11.6	62.1	122.3	246.8	6.5
2599	FURNITURE AND FIXTURES, NEC. . . .E1	14.8	6.9	7.9	52.7	50.1	87	79	10.1	59.4	98.9	179.0	3.5
26	PAPER AND ALLIED PRODUCTS.	1 335.3	197.5	1 137.8	2 911.4	2 844.0	(NA)	(NA)	638.9	4 436.2	9 756.3	1 20 969.9	1 585.3
2611	PULPMILLS.	136.4	18.3	118.1	78.6	102.6	95	59	15.1	125.6	333.7	730.5	121.8
2621	PAPERMILLS, EXCEPT BUILDING PAPER. .	372.3	39.5	332.8	678.9	706.6	91	93	140.0	1 120.7	2 356.3	4 844.0	581.3
2631	PAPERBOARD MILLS	313.5	27.1	286.4	240.4	244.8	83	94	67.0	533.5	1 508.8	2 907.0	398.6
264	MISC. CONVERTED PAPER PRODUCTS . .	288.6	72.0	216.7	972.8	904.5	(NA)	(NA)	186.6	1 187.4	2 833.3	1 6 210.1	225.8
2641	PAPER COATING AND GLAZING.	52.3	9.7	42.7	256.7	238.2	76	86	37.1	260.8	728.0	1 566.5	59.1
2642	ENVELOPES.	17.4	3.6	13.8	73.5	68.2	96	95	22.5	141.9	253.1	470.3	13.4
2643	BAGS, EXCEPT TEXTILE BAGS.	53.9	7.2	46.7	225.1	208.8	88	88	46.3	278.3	563.7	1 375.6	45.6
2645	DIE-CUT PAPER AND BOARD.	10.6	3.1	7.5	57.7	56.9	89	89	18.6	117.3	247.3	577.5	9.0
2646	PRESSED AND MOLDED PULP GOODS. . .	7.0	.3	6.7	19.4	21.0	98	97	6.7	44.8	97.8	145.9	17.6
2647	SANITARY PAPER PRODUCTS.	119.6	37.8	81.8	155.0	139.9	95	97	22.0	154.2	540.2	1 293.4	58.5
2648	STATIONERY PRODUCTS.E1	9.3	2.3	7.0	88.4	81.5	85	82	(NA)	(NA)	(NA)	(NA)	(NA)
2649	CONVERTED PAPER PRODUCTS, NEC. . .	18.5	8.0	10.6	96.8	90.0	83	74	(NA)	(NA)	(NA)	(NA)	(NA)
265	PAPERBOARD CONTAINERS AND BOXES. .	205.5	38.3	167.2	904.4	850.2	(NA)	(NA)	218.6	1 386.5	2 540.5	1 5 937.3	237.5
2651	FOLDING PAPERBOARD BOXES	37.4	4.8	32.6	219.3	198.1	85	91	49.3	322.6	563.2	1 216.2	42.2
2652	SETUP PAPERBOARD BOXES	6.4	1.2	5.3	41.7	38.0	94	86	21.1	100.4	160.2	282.4	6.1
2653	CORRUGATED AND SOLID FIBER BOXES . .	101.5	21.0	80.6	349.7	329.5	98	99	97.1	656.0	1 130.0	2 959.6	127.7
2654	SANITARY FOOD CONTAINERS	42.3	7.2	35.1	234.2	228.6	91	87	35.3	213.8	506.1	1 093.9	48.1
2655	FIBER CANS, DRUMS, SIMILAR PRODS. .	17.9	4.2	13.7	59.6	55.9	95	87	15.7	93.7	181.1	385.2	13.3
2661	BUILDING PAPER AND BOARD MILLS . . .	18.8	2.2	16.6	36.4	35.1	(NA)	(NA)	11.7	82.5	183.7	341.1	20.3
27	PRINTING AND PUBLISHING.	1 047.7	245.7	802.0	2 340.3	2 248.3	(NA)	(NA)	1 031.0	7 151.5	14 355.1	1 21 738.4	788.1
2711	NEWSPAPERS	359.5	106.0	253.5	152.5	169.3	97	100	335.9	2 223.7	4 184.7	5 757.1	246.7
2721	PERIODICALS.	56.8	16.6	40.2	197.2	194.1	89	95	79.1	633.7	1 868.7	3 095.9	58.0
273	BOOKS.	82.3	16.5	65.8	728.8	697.0	(NA)	(NA)	96.5	688.0	1 967.4	1 922.1	101.0
2731	BOOK PUBLISHING.	48.4	9.2	39.2	629.4	601.6	93	86	51.8	390.1	1 456.5	2 134.7	55.1
2732	BOOK PRINTING.	33.9	7.3	26.6	99.4	95.4	83	73	44.7	297.9	510.9	787.4	45.9
2741	MISCELLANEOUS PUBLISHINGE1	22.7	5.5	17.2	68.1	64.3	95	93	31.1	197.4	417.5	605.3	10.0
275	COMMERCIAL PRINTING.E1	377.8	67.7	310.0	700.2	656.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2751	COMMERCIAL PRINTING, LETTERPRESS .E3	129.7	30.7	99.0	262.7	252.0	87	82	(NA)	(NA)	(NA)	(NA)	(NA)
2752	COMMERCIAL PRINTING, LITHOGRAPHIC .E1	220.6	34.6	186.0	373.5	339.7	87	88	(NA)	(NA)	(NA)	(NA)	(NA)
2753	ENGRAVING AND PLATE PRINTING . . .E1	5.1	.8	4.3	12.3	13.1	92	87	9.0	58.7	98.8	137.9	3.8
2754	COMMERCIAL PRINTING, GRAVURE	22.5	1.7	20.8	51.7	51.2	87	79	(NA)	(NA)	(NA)	(NA)	(NA)
2761	MANIFOLD BUSINESS FORMS.	45.8	5.9	39.9	143.8	132.4	93	92	(NA)	(NA)	(NA)	(NA)	(NA)
2771	GREETING CARD PUBLISHING	46.4	16.8	29.6	190.7	185.3	76	97	27.6	150.6	372.3	517.9	14.9
278	BLANKBOOKS AND BOOKBINDING	25.6	5.5	20.1	104.7	98.9	(NA)	(NA)	53.5	294.2	506.0	721.9	25.1
2782	BLANKBOOKS AND LOOSELEAF BINDERS .	14.4	4.1	10.4	79.6	72.6	89	90	23.2	130.3	245.4	381.3	11.6
2789	BOOKBINDING AND RELATED WORK . . .E1	11.2	1.4	9.8	25.1	26.2	95	89	30.3	163.9	260.6	340.6	13.5
279	PRINTING TRADE SERVICES.E1	30.6	5.1	25.5	54.4	49.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2791	TYPESETTING.E1	14.2	2.1	12.2	25.3	24.6	97	91	25.5	208.3	304.3	356.7	13.2
2793	PHOTOENGRAVINGE1	5.4	1.3	4.2	8.0	6.4	84	83	13.2	126.2	191.7	234.3	6.3
2794	ELECTROTYPE AND STEREOTYPING . . .E1	.5	.1	.4	1.4	1.4	81	77	3.6	31.3	47.7	62.1	.7
2795	LITHOGRAPHIC PLATEMAKING SERVICES. .	10.5	1.6	8.9	19.7	18.8	87	83	(NA)	(NA)	(NA)	(NA)	(NA)
28	CHEMICALS AND ALLIED PRODUCTS. . .	2 728.4	498.3	2 230.2	7 107.1	6 926.1	(NA)	(NA)	841.4	6 443.0	23 550.1	1 42 148.3	2 936.1
281	INDUSTRIAL INORGANIC CHEMICALS . . .	333.4	34.8	298.7	614.7	623.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2812	ALKALIES AND CHLORINE.	61.5	6.7	54.8	60.4	68.4	65	65	19.2	155.7	419.2	719.8	98.0
2813	INDUSTRIAL GASES	84.1	6.0	78.0	32.7	29.9	96	92	10.3	78.5	400.9	588.7	123.7
2816	INORGANIC PIGMENTS	38.9	5.1	33.8	137.4	156.0	86	86	30.0	251.1	729.5	1 596.8	136.1
2819	INDUSTRIAL INORGANIC CHEM., NEC. . .	149.0	17.0	132.0	384.1	369.5	89	79	(NA)	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972									Value added by manufac- ture (million dollars)	Value of shipments (million dollars)
		Companies	Establishments		All employees		Production workers					
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages			
(number)	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)			
28	CHEMICALS AND ALLIED PRODUCTS-- CONTINUED											
282	PLASTICS MATERIALS, SYNTHETICS . . .	265	461	364	161.9	1 666.3	116.0	236.2	1 063.2	4 935.4	9 796.0	
2821	PLASTICS MATERIALS AND RESINS. . . .	193	323	263	54.8	632.8	35.0	74.3	370.0	2 160.5	4 478.2	
2822	SYNTHETIC RUBBER	50	59	34	11.8	138.8	8.2	16.2	88.5	491.7	1 089.2	
2823	CELLULOSIC MANMADE FIBERS.	13	18	12	17.1	135.2	14.4	29.6	107.1	243.5	589.5	
2824	ORGANIC FIBERS, NONCELLULOSIC. . . .	35	61	55	78.2	759.5	58.4	116.2	497.7	2 039.8	3 638.9	
283	DRUGS.	922	1 078	425	129.9	1 413.3	67.0	132.3	583.1	6 130.9	8 018.5	
2831	BIOLOGICAL PRODUCTS.	156	182	62	10.1	102.9	5.3	10.4	40.4	231.4	360.0	
2833	MEDICINALS AND BOTANICALS.	127	140	51	7.8	80.8	4.6	8.7	44.9	260.0	509.0	
2834	PHARMACEUTICAL PREPARATIONS.	679	756	312	112.0	1 229.7	57.0	113.2	497.7	5 639.5	7 149.5	
284	SOAPS, CLEANERS, TOILET GOODS. . . .	2 308	2 573	732	111.6	1 058.2	70.7	138.2	558.3	6 200.6	9 777.6	
2841	SOAP AND OTHER DETERGENTS.	576	642	199	31.5	341.6	20.4	40.9	205.9	2 038.8	3 394.4	
2842	POLISHES AND SANITATION GOODS. . . .	1 023	1 108	243	25.1	216.9	14.7	28.6	100.5	1 118.1	1 867.6	
2843	SURFACE ACTIVE AGENTS.	151	178	86	6.9	71.5	3.8	7.7	32.3	209.5	462.6	
2844	TOILET PREPARATIONS.	594	645	204	48.2	428.2	31.8	61.0	219.6	2 834.1	4 053.0	
2851	PAINTS AND ALLIED PRODUCTS	1 317	1 599	687	65.9	647.2	36.2	73.2	295.1	1 791.7	3 821.8	
286	INDUSTRIAL ORGANIC CHEMICALS	557	827	454	136.6	1 614.3	87.9	177.8	937.6	6 073.1	11 605.4	
2861	GUM AND WOOD CHEMICALS	118	139	41	5.9	47.6	4.7	9.4	33.5	155.4	332.3	
2865	CYCLIC CRUDES AND INTERMEDIATES. . .	123	174	118	28.2	318.2	18.7	38.4	191.1	929.7	2 049.6	
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC. .	349	514	295	102.4	1 248.6	64.5	129.9	713.0	4 988.0	9 223.5	
287	AGRICULTURAL CHEMICALS	795	1 233	484	47.9	438.4	30.8	63.7	251.2	1 736.5	3 929.1	
2873	NITROGENOUS FERTILIZERS.	48	73	68	9.4	104.3	6.1	13.2	64.3	447.6	799.4	
2874	PHOSPHATIC FERTILIZERS.	65	145	115	14.9	135.1	10.8	23.1	91.9	426.4	1 178.9	
2875	FERTILIZERS, MIXING ONLY	444	627	188	11.4	82.5	7.2	14.2	41.4	263.6	600.0	
2879	AGRICULTURAL CHEMICALS, NEC.	298	388	113	12.2	116.5	6.8	13.2	53.5	598.9	1 150.8	
289	MISCELLANEOUS CHEMICAL PRODUCTS. .	2 044	2 605	775	83.1	814.3	52.4	104.5	434.3	2 202.6	4 268.4	
2891	ADHESIVES AND SEALANTS	316	463	187	14.9	148.2	8.5	17.6	68.8	426.6	928.0	
2892	EXPLOSIVES	55	92	50	18.6	178.9	13.3	25.8	115.6	281.7	402.7	
2893	PRINTING INK	213	407	145	9.6	99.3	5.8	12.1	49.8	232.0	508.4	
2895	CARBON BLACK	11	37	33	2.9	31.9	2.3	5.1	24.1	137.6	227.0	
2899	CHEMICAL PREPARATIONS, NEC	1 485	1 606	360	37.1	356.0	22.6	43.9	176.0	1 124.7	2 202.3	
29	PETROLEUM AND COAL PRODUCTS. . . .	1 236	2 016	720	139.5	1 637.5	97.9	200.5	1 064.0	5 793.1	28 694.7	
2911	PETROLEUM REFINING	154	323	277	100.8	1 247.1	71.2	142.3	816.3	4 594.7	25 921.1	
295	PAVING AND ROOFING MATERIALS	697	1 199	309	29.5	296.5	21.5	47.8	204.0	846.4	1 932.9	
2951	PAVING MIXTURES AND BLOCKSE1	586	964	169	13.9	147.7	10.0	21.4	100.8	403.1	922.5	
2952	ASPHALT FELTS AND COATINGS	117	235	140	15.6	148.7	11.5	26.4	103.2	443.3	1 010.4	
299	MISC. PETROLEUM, COAL PRODUCTS .E1	428	494	134	9.2	93.9	5.2	10.4	43.7	352.1	840.7	
2992	LUBRICATING OILS AND GREASES . . .E1	387	443	117	8.1	83.3	4.8	8.6	36.2	295.8	703.1	
2999	PETROLEUM AND COAL PRODUCTS, NEC . .	42	51	17	1.1	10.6	.9	1.8	7.5	56.3	137.6	
30	RUBBER, MISC. PLASTICS PROD.	7 935	9 237	4 188	617.7	5 165.2	486.8	968.3	3 605.0	11 653.3	20 923.7	
3011	TIRES AND INNER TUBES.	136	206	126	107.5	1 214.1	83.1	168.9	908.1	3 070.8	5 747.1	
3021	RUBBER AND PLASTICS FOOTWEAR	82	107	74	31.6	182.6	26.5	49.9	137.5	370.3	600.0	
3031	RECLAIMED RUBBER	20	20	9	.9	9.1	.8	1.5	6.9	15.6	29.7	
3041	RUBBER, PLASTICS HOSE AND BELTING. .	68	90	73	31.9	309.0	22.6	45.4	200.1	618.7	1 020.1	
3069	FABRICATED RUBBER PRODUCTS, NEC. . .	965	1 116	606	99.0	808.8	77.4	153.7	559.7	1 573.1	2 830.9	
3079	MISCELLANEOUS PLASTICS PRODUCTS. . .	6 795	7 698	3 300	346.9	2 641.6	276.4	548.8	1 792.6	6 004.7	10 695.9	
31	LEATHER AND LEATHER PRODUCTS	2 699	3 201	1 657	273.4	1 589.3	240.4	449.1	1 230.8	2 917.2	5 769.5	
3111	LEATHER TANNING AND FINISHING. . . .	468	517	223	25.7	200.0	22.1	41.9	151.3	368.3	1 059.5	
3131	BOOT, SHOE CUT STOCK AND FINDINGS. .	225	248	121	8.7	50.1	7.6	14.0	37.1	86.2	206.5	
314	FOOTWEAR, EXCEPT RUBBER.	585	917	712	176.2	972.7	157.1	294.5	781.4	1 796.1	3 272.2	
3142	HOUSE SLIPPERS	82	91	66	8.5	48.1	7.1	12.7	33.4	85.7	151.4	
3143	MEN'S FOOTWEAR, EXCEPT ATHLETIC. .	115	221	197	61.5	358.1	54.4	106.3	288.9	674.4	1 288.9	
3144	WOMEN'S FOOTWEAR, EXCEPT ATHLETIC. .	296	422	316	77.4	408.4	70.0	128.5	334.3	763.6	1 346.1	
3149	FOOTWEAR, EXCEPT RUBBER, NEC	152	183	133	28.7	158.1	25.6	46.9	124.9	272.5	485.8	
3151	LEATHER GLOVES AND MITTENS	95	106	60	4.9	22.1	4.3	7.6	17.1	43.0	98.2	
3161	LUGGAGE.E1	266	277	130	17.1	106.8	14.3	26.4	75.6	194.1	364.5	
317	WOMEN'S HANDBAGS AND PURSES. . .E1	668	668	312	33.6	195.1	29.0	53.6	138.9	345.1	607.2	
3171	WOMEN'S HANDBAGS AND PURSES. . .E1	431	444	214	22.2	121.7	19.8	36.6	93.2	201.5	365.0	
3172	PERSONAL LEATHER GOODS, NEC. . . .E1	238	244	98	11.5	73.4	9.3	16.9	45.6	143.7	242.2	
3199	LEATHER GOODS, NECE2	433	448	99	7.2	42.5	6.1	11.2	29.4	84.3	161.3	
32	STONE, CLAY, GLASS PRODUCTS. . . .	13 043	16 015	5 301	623.2	5 546.9	492.6	998.1	4 037.3	12 586.5	21 537.5	
3211	FLAT GLASS	36	32	30	20.9	241.9	17.0	37.0	194.2	662.1	937.1	
322	GLASS, PRESSED OR BLOWN.	235	369	225	118.8	1 057.5	103.9	206.7	872.5	2 341.1	3 393.8	
3221	GLASS CONTAINERS	27	117	115	72.9	659.4	64.5	128.1	554.8	1 399.7	2 126.5	
3229	PRESSED AND BLOWN GLASS, NEC	211	252	110	45.9	398.1	39.3	78.6	317.8	941.4	1 267.3	
3231	PRODUCTS OF PURCHASED GLASS.	817	913	284	33.7	296.1	27.0	53.5	211.8	668.9	1 330.1	
3241	CEMENT, HYDRAULIC.	75	198	171	30.0	349.2	24.3	49.7	275.2	1 153.5	1 791.2	

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972—Continued						1967					
		Capital expenditures, new*			Inventories end of—		Special ratio	Cover- age ratio	All employees		Value added by manufac- ture	Value of shipments	Capital ex- pendi- tures, new
		Total	Structures and additions to plant	Machinery and equipment	1972	1971			Number	Payroll			
28	CHEMICALS AND ALLIED PRODUCTS-- CONTINUED												
282	PLASTICS MATERIALS, SYNTHETICS . . .	693.9	94.3	599.7	1 125.4	1 126.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2821	PLASTICS MATERIALS AND RESINS. . . .	253.2	45.5	207.8	467.7	441.2	81	79	(NA)	(NA)	(NA)	(NA)	(NA)
2822	SYNTHETIC RUBBER	35.5	3.5	32.0	115.4	104.7	90	74	12.6	110.4	404.9	926.9	75.2
2823	CELLULOSIC MANMADE FIBERS.	32.7	1.8	30.9	97.4	129.0	(D)	(D)	31.9	198.2	506.8	902.8	51.6
2824	ORGANIC FIBERS, NONCELLULOSIC. . . .	372.5	43.5	328.9	444.5	451.5	80	97	57.2	415.9	1 251.8	2 033.2	309.7
283	DRUGS.	245.3	85.1	160.3	1 191.8	1 094.8	(NA)	(NA)	117.9	942.3	4 672.9	15 301.6	217.9
2831	BIOLOGICAL PRODUCTS.	27.2	15.2	12.0	109.6	85.2	87	60	7.4	53.8	109.2	160.0	12.1
2833	MEDICALS AND BOTANICALS.	51.5	10.8	40.7	116.0	111.7	87	51	8.4	67.1	243.3	445.2	36.2
2834	PHARMACEUTICAL PREPARATIONS.	166.7	59.1	107.6	966.1	897.8	87	97	102.0	821.4	3 720.4	4 696.4	169.6
284	SOAPS, CLEANERS, TOILET GOODS. . . .	236.1	57.5	178.6	1 064.1	994.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2841	SOAP AND OTHER DETERGENTS.	90.7	12.3	78.4	381.7	351.1	83	90	30.3	243.0	1 403.7	2 593.4	48.1
2842	POLISHES AND SANITATION GOODS. . . .	54.3	12.5	41.8	151.6	142.0	81	83	(NA)	(NA)	(NA)	(NA)	(NA)
2843	SURFACE ACTIVE AGENTS.	19.7	4.1	15.6	61.4	57.3	81	60	5.7	49.9	129.5	294.2	8.0
2844	TOILET PREPARATIONS.	71.4	28.6	42.8	469.4	443.9	94	86	41.5	262.2	1 730.6	2 515.6	52.7
2851	PAINTS AND ALLIED PRODUCTS	81.5	26.5	55.0	542.8	501.0	95	96	66.1	492.0	1 318.5	2 911.4	70.7
286	INDUSTRIAL ORGANIC CHEMICALS	831.6	127.3	704.3	1 486.3	1 512.8	(NA)	(NA)	131.0	1 129.5	4 405.6	8 190.5	937.9
2861	GUM AND WOOD CHEMICALS	11.1	1.7	9.4	52.2	54.0	70	75	5.9	33.5	100.8	215.9	20.6
2865	CYCLIC CRUDE AND INTERMEDIATES. . .	158.8	23.1	135.7	356.0	362.8	76	65	30.0	251.1	729.5	1 596.8	136.1
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC. .	661.7	102.5	559.2	1 078.1	1 096.0	71	85	95.1	844.9	3 575.3	6 377.8	781.2
287	AGRICULTURAL CHEMICALS	155.8	32.0	123.7	601.2	599.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2873	NITROGENOUS FERTILIZERS.	33.2	2.8	30.4	116.2	112.0	85	69	(NA)	(NA)	(NA)	(NA)	(NA)
2874	PHOSPHATIC FERTILIZERS	65.8	14.0	51.9	157.8	168.3	89	92	(NA)	(NA)	(NA)	(NA)	(NA)
2875	FERTILIZERS, MIXING ONLY	17.2	4.4	12.8	143.9	136.1	96	97	13.4	70.6	195.3	731.1	18.0
2879	AGRICULTURAL CHEMICALS, NEC.	39.5	10.8	28.7	183.4	183.4	87	72	(NA)	(NA)	(NA)	(NA)	(NA)
289	MISCELLANEOUS CHEMICAL PRODUCTS. .	150.8	40.8	110.0	480.8	473.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2891	ADHESIVES AND SEALANTS	24.9	6.8	18.1	101.9	95.7	89	82	(NA)	(NA)	(NA)	(NA)	(NA)
2892	EXPLOSIVES	30.1	13.6	16.5	38.1	39.9	92	95	32.8	227.0	376.0	647.0	21.8
2893	PRINTING INK	12.6	3.0	9.6	67.9	63.3	95	93	9.7	74.0	166.6	375.6	7.1
2895	CARBON BLACK	11.8	2.1	9.7	16.1	19.0	95	95	2.8	22.8	100.8	167.8	23.4
2899	CHEMICAL PREPARATIONS, NEC	71.3	15.2	56.1	254.7	255.2	84	75	(NA)	(NA)	(NA)	(NA)	(NA)
29	PETROLEUM AND COAL PRODUCTS. . . .	1 154.2	625.2	529.0	2 223.0	2 353.5	(NA)	(NA)	141.7	1 216.2	5 425.9	122 043.4	999.3
2911	PETROLEUM REFINING	1 061.6	603.5	458.1	2 002.2	2 160.3	99	97	106.7	965.0	4 745.0	20 293.9	956.3
295	PAVING AND ROOFING MATERIALS	75.9	17.8	58.2	103.2	91.1	(NA)	(NA)	26.5	186.2	455.8	1 182.4	32.6
2951	PAVING MIXTURES AND BLOCKSE1	56.3	14.6	41.8	38.5	35.7	93	90	12.2	90.0	234.7	584.6	23.8
2952	ASPHALT FELTS AND COATINGS	19.6	3.2	16.4	64.7	55.4	93	96	14.4	96.3	221.1	597.8	8.8
299	MISC. PETROLEUM, COAL PRODUCTS .E1	16.7	4.0	12.7	117.6	102.1	(NA)	(NA)	8.4	64.9	225.1	567.1	10.3
2992	LUBRICATING OILS AND GREASES . . .E1	13.7	3.5	10.2	80.9	78.8	94	40	7.3	58.0	200.7	487.3	8.5
2999	PETROLEUM AND COAL PRODUCTS, NEC . .	3.0	.5	2.5	36.7	23.3	99	91	1.1	6.9	24.4	79.8	1.8
30	RUBBER, MISC. PLASTICS PROD.	1 059.6	243.5	816.1	2 588.8	2 345.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3011	TIRES AND INNER TUBES.	267.1	62.2	205.0	768.4	694.9	97	99	92.7	774.5	1 823.0	3 733.9	198.8
3021	RUBBER AND PLASTICS FOOTWEAR	17.7	4.1	13.6	124.4	120.8	94	99	(NA)	(NA)	(NA)	(NA)	(NA)
3031	RECLAIMED RUBBER . . . . .	.7	(2)	.6	2.7	3.4	96	55	1.7	11.8	23.4	43.8	1.6
3041	RUBBER, PLASTICS HOSE AND RELTING. .	31.6	8.4	23.2	158.3	150.7	85	89	(NA)	(NA)	(NA)	(NA)	(NA)
3069	FABRICATED RUBBER PRODUCTS, NEC. . .	88.5	19.3	69.3	332.8	307.0	84	89	(NA)	(NA)	(NA)	(NA)	(NA)
3079	MISCELLANEOUS PLASTICS PRODUCTS. . .	654.0	149.6	504.4	1 202.1	1 068.4	94	88	(NA)	(NA)	(NA)	(NA)	(NA)
31	LEATHER AND LEATHER PRODUCTS	74.5	19.0	55.5	796.1	717.7	(NA)	(NA)	328.7	1 458.8	2 626.5	15 169.0	62.1
3111	LEATHER TANNING AND FINISHING. . . .	16.3	3.6	12.7	149.0	130.2	99	99	30.7	186.4	319.4	870.1	16.7
3131	BOOT, SHOE CUT STOCK AND FINDINGS. .	2.9	.8	2.1	21.2	21.0	94	95	13.7	59.9	109.2	262.8	2.7
314	FOOTWEAR, EXCEPT RUBBER.	37.1	7.9	29.2	433.8	394.7	(NA)	(NA)	211.1	888.5	1 619.9	12 951.5	26.4
3142	HOUSE SLIPPERS	1.6	.6	1.0	23.6	22.0	95	87	12.5	53.2	94.2	181.0	1.3
3143	MEN'S FOOTWEAR, EXCEPT ATHLETIC. .	14.3	2.9	11.4	193.0	167.5	93	97	(NA)	(NA)	(NA)	(NA)	(NA)
3144	WOMEN'S FOOTWEAR, EXCEPT ATHLETIC.	14.8	2.9	11.9	141.7	126.2	97	95	(NA)	(NA)	(NA)	(NA)	(NA)
3149	FOOTWEAR, EXCEPT RUBBER, NEC	6.4	1.5	4.9	75.4	79.1	88	85	(NA)	(NA)	(NA)	(NA)	(NA)
3151	LEATHER GLOVES AND MITTENS . . . . .	.5	.1	.4	20.3	19.6	92	85	6.3	22.4	36.3	86.7	.8
3161	LUGGAGE.E1	8.9	3.8	5.2	66.0	59.7	92	97	21.4	96.6	186.0	334.2	8.8
317	WOMEN'S HANDBAGS AND PURSES. . .E1	6.5	2.3	4.2	75.4	66.2	(NA)	(NA)	36.8	162.7	278.7	1513.5	4.2
3171	WOMEN'S HANDBAGS AND PURSES. . .E1	3.7	1.2	2.5	37.1	34.2	95	97	24.1	104.5	173.6	327.2	2.1
3172	PERSONAL LEATHER GOODS, NEC. . .E1	2.8	1.1	1.7	38.3	32.0	94	91	12.7	58.2	105.1	186.2	2.0
3199	LEATHER GOODS, NECE2	2.2	.5	1.7	30.2	26.4	92	90	(NA)	(NA)	(NA)	(NA)	(NA)
32	STONE, CLAY, GLASS PRODUCTS.	1 195.5	222.2	973.3	2 490.9	2 354.1	(NA)	(NA)	589.9	3 825.5	8 333.4	14 449.4	820.9
3211	FLAT GLASS	95.0	11.8	83.3	100.7	92.1	85	(D)	23.9	196.6	422.9	611.3	59.9
322	GLASS, PRESSED OR BLOWN.	176.7	38.1	138.6	459.0	4 421.3	(NA)	(NA)	109.2	688.4	1 501.1	12 238.6	152.7
3221	GLASS CONTAINERS	121.1	28.7	92.4	271.9	247.2	99	99	66.7	426.1	842.2	1 352.4	70.8
3229	PRESSED AND BLOWN GLASS, NEC	55.6	9.4	46.2	187.9	174.1	96	96	42.5	262.3	658.9	886.2	81.9
3231	PRODUCTS OF PURCHASED GLASS.	34.5	7.7	26.8	209.6	190.5	90	(D)	29.2	182.1	393.9	794.7	21.9
3241	CEMENT, HYDRAULIC.	179.5	34.5	145.0	239.3	218.5	99	99	32.6	247.7	812.3	1 246.5	90.5

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972									Value added by manufac- ture (million dollars)	Value of shipments (million dollars)
		Companies (number)	Establishments		All employees		Production workers					
			Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)			
32	STONE, CLAY, GLASS PRODUCTS-- CONTINUED											
325	STRUCTURAL CLAY PRODUCTS	536	775	529	51.8	391.4	42.5	86.5	287.7	770.6	1 205.3	
3251	BRICK AND STRUCTURAL CLAY TILE	314	417	302	24.1	168.4	20.4	42.2	128.5	336.4	513.0	
3253	CERAMIC WALL AND FLOOR TILE	64	83	56	8.3	58.5	6.8	14.0	43.4	112.3	175.6	
3255	CLAY REFRACTORIES	86	156	101	11.2	100.5	8.5	16.6	66.3	202.1	336.0	
3259	STRUCTURAL CLAY PRODUCTS, NEC.	88	119	70	8.2	64.0	6.8	13.5	49.5	119.8	180.7	
326	POTTERY AND RELATED PRODUCTS	578	620	234	44.9	335.3	37.4	73.2	295.7	600.6	834.8	
3261	VITREOUS PLUMBING FIXTURES	43	59	40	9.6	86.5	8.3	16.5	72.5	186.8	270.0	
3262	VITREOUS CHINA FOOD UTENSILS	32	34	20	5.9	41.2	4.9	9.3	29.3	67.4	81.9	
3263	FINE EARTHENWARE FOOD UTENSILS	17	18	15	6.8	41.4	5.7	10.8	30.8	56.2	74.3	
3264	PORCELAIN ELECTRICAL SUPPLIES	74	83	64	13.4	114.0	10.9	21.9	85.4	190.4	274.6	
3269	POTTERY PRODUCTS, NEC.E1	417	426	95	9.1	52.2	7.6	14.8	37.6	99.9	134.0	
327	CONCRETE, GYPSUM, PLASTER PRODS.E1	8 421	10 115	2 820	193.1	1 741.0	139.4	287.3	1 141.1	3 839.7	7 746.4	
3271	CONCRETE BLOCK AND BRICKE1	1 300	1 388	416	22.8	196.0	15.2	31.5	115.0	438.5	855.7	
3272	CONCRETE PRODUCTS, NECE1	3 199	3 595	923	67.7	570.2	53.6	109.9	401.0	1 190.1	1 961.4	
3273	READY-MIXED CONCRETEE1	3 978	4 915	1 328	85.7	809.3	56.9	114.4	497.4	1 756.7	4 050.9	
3274	LIME	69	103	69	5.7	50.0	4.8	10.4	38.9	129.3	238.1	
3275	GYPSUM PRODUCTS	44	114	84	11.2	115.5	9.0	21.1	88.7	325.1	640.3	
3281	CUT STONE AND STONE PRODUCTS . . .E2	874	908	192	15.0	109.2	12.6	24.2	84.7	191.4	304.5	
329	MISC. NONMETALLIC MINERAL PRODS. . .	1 672	2 085	816	115.1	1 025.4	88.5	179.9	714.5	2 358.8	3 994.4	
3291	ABRASIVE PRODUCTS	335	392	167	24.5	229.4	17.2	33.1	138.1	529.6	888.1	
3292	ASBESTOS PRODUCTS	87	142	97	21.0	191.0	16.6	34.5	142.8	426.1	763.4	
3293	GASKETS, PACKING, SEALING DEVICES. . .	346	374	184	27.7	220.4	21.1	42.7	146.9	428.5	665.4	
3295	MINERALS, GROUND OR TREATED. . . .E1	349	488	152	9.5	87.9	7.6	16.2	64.6	237.2	412.0	
3296	MINERAL WOOL	66	108	75	18.0	172.3	14.7	30.8	135.7	441.5	755.4	
3297	NONCLAY REFRACTORIES	60	90	60	8.1	78.3	6.0	12.8	54.5	191.1	343.6	
3299	NONMETALLIC MINERAL PRODUCTS, NEC.E1	480	491	81	6.3	46.0	5.2	9.9	31.9	104.7	166.5	
33	PRIMARY METAL INDUSTRIES	5 351	6 792	3 901	1 142.8	12 166.5	922.7	1 849.9	9 202.4	23 258.1	58 429.7	
331	BLAST FURNACE, BASIC STEEL PROD. . .	642	970	696	552.9	6 388.6	445.6	874.3	4 872.3	12 116.1	28 652.3	
3312	BLAST FURNACES AND STEEL MILLS	245	364	251	469.1	5 537.8	379.3	739.1	4 254.3	10 304.7	23 946.7	
3313	ELECTROMETALLURGICAL PRODUCTS	27	40	31	9.5	94.1	7.8	15.1	71.7	217.2	550.1	
3315	STEEL WIRE AND RELATED PRODUCTS	235	289	199	30.6	287.9	24.1	49.4	202.1	583.5	1 227.7	
3316	COLD FINISHING OF STEEL SHAPES	86	125	93	20.1	223.3	15.6	31.8	162.3	504.6	1 635.7	
3317	STEEL PIPE AND TUBES	115	152	122	23.6	245.5	18.8	39.0	181.8	506.1	1 292.1	
332	IRON AND STEEL FOUNDRIES	1 213	1 400	1 050	218.8	2 155.3	183.8	376.5	1 704.8	3 481.3	5 713.9	
3321	GRAY IRON FOUNDRIES	892	993	723	138.4	1 387.4	118.1	245.7	1 119.7	2 257.0	3 876.5	
3322	MALLEABLE IRON FOUNDRIES	64	73	64	22.5	234.5	18.7	38.1	184.3	342.6	507.9	
3324	STEEL INVESTMENT FOUNDRIES	68	74	62	11.2	93.2	8.6	17.2	63.3	175.6	262.2	
3325	STEEL FOUNDRIES, NEC	225	260	201	46.7	440.2	38.5	75.5	337.4	706.0	1 067.4	
333	PRIMARY NONFERROUS METALS.	103	177	124	58.6	626.9	46.5	92.1	465.8	1 705.5	5 964.2	
3331	PRIMARY COPPER	11	31	31	17.2	173.2	14.4	28.7	138.2	487.8	2 771.1	
3332	PRIMARY LEAD	12	16	15	2.8	26.5	2.3	4.6	20.2	128.7	460.9	
3333	PRIMARY ZINC	10	15	15	6.3	59.3	5.2	10.5	45.2	121.6	376.4	
3334	PRIMARY ALUMINUM	12	31	31	25.6	296.2	20.0	39.2	219.8	816.0	1 959.8	
3339	PRIMARY NONFERROUS METALS, NEC	71	84	32	6.7	71.7	4.7	9.1	42.4	151.5	395.9	
3341	SECONDARY NONFERROUS METALS. . . .E1	325	381	184	17.8	170.1	13.1	26.6	108.2	410.9	2 097.2	
335	NONFERROUS ROLLING AND DRAWING . . .	549	903	684	188.3	1 871.3	145.8	303.8	1 345.4	3 799.5	12 862.6	
3351	COPPER ROLLING AND DRAWING	101	149	117	37.8	383.7	29.9	63.2	288.4	800.3	3 098.8	
3353	ALUMINUM SHEET, PLATE, AND FOIL. . . .	25	50	49	31.3	370.7	24.5	51.8	281.5	692.3	2 685.2	
3354	ALUMINUM EXTRUDED PRODUCTS	133	180	128	27.7	239.2	22.1	45.4	174.1	427.6	1 078.3	
3355	ALUMINUM ROLLING AND DRAWING, NEC. . .	14	16	15	4.6	48.0	3.6	7.2	35.1	57.3	34.3	
3356	NONFERROUS ROLLING & DRAWING, NEC. .	136	167	97	18.1	184.2	12.7	25.8	114.1	374.1	1 244.6	
3357	NONFERROUS WIREDRAWING, INSULATING. .	206	341	278	68.8	645.6	52.9	110.4	452.2	1 448.0	4 412.3	
336	NONFERROUS FOUNDRIES	1 763	1 841	792	81.4	721.5	68.5	137.0	548.6	1 269.1	2 323.8	
3361	ALUMINUM FOUNDRIES	972	1 005	430	45.7	417.9	38.6	76.8	321.9	718.3	1 269.9	
3362	BRASS, BRONZE, COPPER FOUNDRIES. . . .	490	507	195	15.4	129.6	13.0	25.7	96.3	236.9	465.3	
3369	NONFERROUS FOUNDRIES, NEC.	321	329	167	20.3	174.0	16.9	34.4	130.4	314.0	588.6	
339	MISC. PRIMARY METAL PRODUCTS	1 005	1 120	371	25.0	232.8	19.4	39.7	157.3	475.7	815.7	
3398	METAL HEAT TREATING.E1	886	952	266	17.2	157.3	13.4	27.4	106.6	310.6	467.4	
3399	PRIMARY METAL PRODUCTS, NEC.	128	168	105	7.9	75.5	6.0	12.2	50.7	165.0	348.3	
34	FABRICATED METAL PRODUCTS.	26 373	29 525	11 676	1 493.3	13 820.6	1 148.0	2 302.7	9 544.4	26 945.8	51 739.3	
341	METAL CANS, SHIPPING CONTAINERS. . . .	223	553	408	78.6	839.6	66.8	140.4	682.4	2 004.6	4 972.1	
3411	METAL CANS	133	396	309	68.5	740.7	58.7	123.7	611.3	1 815.8	4 510.8	
3412	METAL BARRELS, DRUMS, AND PAILS. . . .	99	157	99	10.2	98.9	8.1	16.7	71.2	188.8	461.3	
342	CUTLERY, HANDTOOLS AND HARDWARE. . .	1 736	1 904	858	159.2	1 404.9	125.8	254.0	984.4	3 253.4	5 094.3	
3421	CUTLERY.	123	134	69	13.4	102.6	10.9	22.3	73.0	322.3	427.5	
3423	HAND AND EDGE TOOLS, NEC	582	626	255	39.3	343.0	31.1	62.0	240.7	780.0	1 233.1	
3425	HANDSAWS AND SAW BLADES.	82	91	52	6.6	56.7	4.9	9.9	37.5	127.5	194.4	
3429	HARDWARE, NEC.	965	1 053	482	99.9	902.6	78.8	159.9	633.2	2 023.6	3 239.4	
343	PLUMBING, HEATING, EXCEPT ELEC. . . .	700	757	353	60.7	523.8	45.4	91.0	345.0	1 131.6	2 136.8	
3431	METAL SANITARY WARE.	91	95	50	11.2	104.4	9.2	18.5	81.4	208.2	370.2	
3432	PLUMBING FITTINGS AND BRASS GOODS. . .	208	230	112	18.6	151.5	14.3	29.2	99.1	361.8	708.2	
3433	HEATING EQUIPMENT, EXC. ELECTRIC	411	432	191	30.9	268.0	22.0	43.2	164.5	561.6	1 058.4	
344	FABRICATED STRUC. METAL PRODS.	9 469	10 351	4 026	394.8	3 531.8	290.8	570.9	2 292.1	6 742.9	14 179.6	
3441	FABRICATED STRUCTURAL METAL.	2 010	2 154	1 094	104.3	975.5	76.9	152.3	635.4	1 730.7	3 920.1	
3442	METAL DOORS, SASH, AND TRIM.E1	1 391	1 558	646	70.7	520.8	53.0	104.2	330.3	1 003.7	2 077.6	
3443	FABRICATED PLATEWORK, BOILER SHOP. . .	1 349	1 486	795	93.0	893.5	67.9	133.5	593.2	1 758.7	3 339.0	
3444	SHEET METALWORK.E1	2 960	3 117	933	74.0	678.5	55.4	108.3	453.6	1 299.9	2 680.0	
3446	ARCHITECTURAL METALWORK.E1	1 430	1 459	250	20.9	175.4	15.6	29.5	108.7	311.8	573.7	
3448	PREFABRICATED METAL BUILDINGS.	143	159	88	12.5	109.4	8.9	17.5	68.6	275.9	608.9	
3449	MISCELLANEOUS METALWORK.	336	418	220	19.5	178.8	13.1	25.6	102.2	362.2	980.4	

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972—Continued						1967					
		Capital expenditures, new ^a			Inventories end of—		Special- ization ratio	Cover- age ratio	All employees		Value added by manufac- ture	Value of shipments	Capital ex- pendi- tures, new
		Total	Structures and additions to plant	Machinery and equipment	1972	1971			Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)			(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
32	STONE, CLAY, GLASS PRODUCTS-- CONTINUED												
325	STRUCTURAL CLAY PRODUCTS	64.0	14.2	49.8	204.1	206.7	(NA)	(NA)	60.3	343.9	611.9	¹ 921.5	59.3
3251	BRICK AND STRUCTURAL CLAY TILE	38.6	9.3	29.3	53.0	59.0	98	99	27.5	143.8	251.1	362.0	27.1
3253	CERAMIC WALL AND FLOOR TILE	7.6	1.4	6.1	35.0	33.4	98	96	10.6	60.6	105.9	160.5	4.7
3255	CLAY REFRACTORIES	10.8	2.1	8.7	83.2	84.1	97	92	12.6	84.3	151.4	246.1	17.9
3259	STRUCTURAL CLAY PRODUCTS, NEC.	7.0	1.4	5.7	32.9	30.2	95	96	9.7	55.2	103.4	152.9	9.7
326	POTTERY AND RELATED PRODUCTS	23.1	7.1	16.0	121.7	116.8	(NA)	(NA)	42.7	246.9	418.7	¹ 605.4	29.9
3261	VITREOUS PLUMBING FIXTURES	5.8	2.4	3.5	31.3	28.1	90	92	8.4	56.5	111.4	170.0	2.6
3262	VITREOUS CHINA FOOD UTENSILS	1.8	.4	1.5	14.0	14.7	89	88	7.0	36.1	55.8	67.2	1.9
3263	FINE EARTHENWARE FOOD UTENSILS	3.1	1.0	2.1	18.2	18.4	70	97	5.9	27.5	34.6	47.1	1.0
3264	PORCELAIN ELECTRICAL SUPPLIES	7.2	1.2	6.0	44.2	41.9	91	95	13.4	89.9	153.5	225.0	21.4
3269	POTTERY PRODUCTS, NEC.E1	5.2	2.2	3.0	14.0	13.8	97	84	7.9	37.0	63.4	96.1	3.0
327	CONCRETE, GYPSUM, PLASTER PRODS.E1	453.1	76.4	376.7	536.1	515.0	(NA)	(NA)	169.1	1 103.3	2 478.0	¹ 4 999.6	271.8
3271	CONCRETE BLOCK AND BRICKE1	46.2	7.6	38.6	80.6	85.4	83	95	21.1	130.1	274.2	550.1	30.5
3272	CONCRETE PRODUCTS, NEC.E1	96.2	25.6	70.6	260.3	249.5	96	95	56.8	351.1	722.6	1 201.1	73.8
3273	READY-MIXED CONCRETEE1	247.8	36.1	211.8	116.1	112.4	93	98	74.5	508.8	1 155.5	2 684.2	136.9
3274	LIME	39.4	2.4	37.0	18.6	19.0	89	92	6.8	42.6	100.1	176.5	17.7
3275	GYPSUM PRODUCTS	23.3	4.7	18.7	52.2	48.8	95	99	10.0	70.7	225.6	387.7	12.9
3281	CUT STONE AND STONE PRODUCTSE2	12.6	4.0	8.7	40.7	36.3	96	98	16.6	90.8	148.2	¹ 236.4	6.1
329	MISC. NONMETALLIC MINERAL PRODS. .	157.0	28.7	128.4	578.9	556.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3291	ABRASIVE PRODUCTS	17.2	3.3	13.9	147.9	144.5	93	88	27.2	197.5	420.7	725.3	30.4
3292	ASBESTOS PRODUCTS	20.4	2.8	17.7	136.3	133.4	91	88	(NA)	(NA)	(NA)	(NA)	(NA)
3293	GASKETS, PACKING, SEALING DEVICES. .	24.9	6.6	18.4	101.9	83.0	89	88	(NA)	(NA)	(NA)	(NA)	(NA)
3295	MINERALS, GROUND OR TREATED. . . .E1	30.0	4.5	25.5	40.3	37.0	95	89	8.9	59.3	149.4	280.9	23.5
3296	MINERAL WOOL	50.1	9.2	40.9	54.9	52.2	93	93	15.1	106.9	247.3	454.4	27.2
3297	NONCLAY REFRACTORIES	9.3	1.4	7.9	81.6	87.4	94	84	9.9	72.1	158.7	307.1	17.3
3299	NONMETALLIC MINERAL PRODUCTS, NEC.E1	5.0	.9	4.1	16.1	19.1	94	90	5.3	30.6	56.8	99.9	2.2
33	PRIMARY METAL INDUSTRIES	2 160.6	418.2	1 742.5	9 699.1	9 175.7	(NA)	(NA)	1 229.7	9 417.4	19 216.4	¹ 45 136.2	3 056.8
331	BLAST FURNACE, BASIC STEEL PROD. . .	1 058.8	208.0	850.8	5 533.4	5 069.0	(NA)	(NA)	617.3	5 021.9	10 170.1	23 121.0	1 911.0
3312	BLAST FURNACES AND STEEL MILLS . . .	961.2	192.6	768.6	4 571.6	4 153.7	(NA)	(NA)	533.1	4 385.3	8 910.1	19 620.6	1 661.0
3313	ELECTROMETALLURGICAL PRODUCTS. . .	26.3	3.1	23.1	173.0	170.8	85-90	87	10.4	79.0	193.2	467.9	29.3
3315	STEEL WIRE AND RELATED PRODUCTS. . .	26.6	4.2	22.3	263.9	244.3	94	82	19.5	194.8	269.1	845.2	56.9
3316	GOLD FINISHING OF STEEL SHAPES . . .	20.6	2.7	17.9	289.8	265.9	91	29	19.5	154.9	269.1	1 038.7	126.0
3317	STEEL PIPE AND TUBES	24.1	5.3	18.8	235.1	234.2	93	42	27.0	207.9	412.1	1 148.6	37.8
332	IRON AND STEEL FOUNDRIES	279.9	39.1	240.8	575.1	542.3	(NA)	(NA)	232.6	1 640.5	2 631.0	¹ 4 289.3	275.0
3321	GRAY IRON FOUNDRIES	202.5	26.0	176.5	351.8	328.9	94	87	138.0	965.3	1 543.1	2 637.8	196.3
3322	MALLEABLE IRON FOUNDRIES	34.9	3.9	31.0	33.2	32.3	87	91	25.4	187.0	296.5	438.3	21.9
3324	STEEL INVESTMENT FOUNDRIES	11.1	5.1	6.0	38.1	33.3	86	94	69.2	488.2	791.4	1 213.2	56.8
3325	STEEL FOUNDRIES, NEC.	31.5	4.2	27.3	152.1	147.6	89	88					
333	PRIMARY NONFERROUS METALS.	292.2	70.7	221.5	892.5	927.5	(NA)	(NA)	53.4	405.1	1 381.5	¹ 3 714.0	272.8
3331	PRIMARY COPPER	119.7	28.9	90.7	367.6	349.9	(⁶)	(⁶)	11.6	80.6	262.6	1 184.1	51.7
3332	PRIMARY LEAD	5.7	2.1	3.7	131.5	100.1	(⁶)	(⁶)	2.7	18.9	48.3	304.0	18.5
3333	PRIMARY ZINC	9.8	4.4	5.4	73.6	73.8	87	70	8.1	57.8	119.5	332.8	25.8
3334	PRIMARY ALUMINUM	136.5	37.1	99.4	233.7	303.7	95	77	23.8	190.9	811.8	1 608.7	151.7
3339	PRIMARY NONFERROUS METALS, NEC. . .	20.6	2.2	18.3	86.1	100.0	84	27	7.2	56.9	139.3	284.4	25.1
3341	SECONDARY NONFERROUS METALS. . . .E1	34.8	8.6	26.2	205.9	210.1	98	28	17.2	122.8	271.2	¹ 1 586.0	23.6
335	NONFERROUS ROLLING AND DRAWING . .	371.4	70.2	301.2	2 180.4	2 081.3	(NA)	(NA)	194.9	1 438.4	3 324.9	9 925.4	470.0
3351	COPPER ROLLING AND DRAWING	65.3	16.5	48.8	327.7	319.9	89	93	40.3	293.9	704.4	2 391.1	68.0
3353	ALUMINUM SHEET, PLATE, AND FOIL. . .	90.3	19.4	70.9	653.2	641.0	85	99					
3354	ALUMINUM EXTRUDED PRODUCTS	32.6	6.9	25.7	175.9	163.0	85	88	61.5	479.4	938.7	2 958.9	155.6
3355	ALUMINUM ROLLING AND DRAWING, NEC. .	9.2	1.7	7.5	65.7	82.8	86	42					
3356	NONFERROUS ROLLING & DRAWING, NEC. .	24.3	4.1	20.2	300.1	280.7	84	87	21.3	163.5	351.7	984.0	58.1
3357	NONFERROUS WIREDRAWING, INSULATING. .	149.7	21.6	128.1	657.8	636.6	84	89	71.7	501.6	1 330.1	¹ 3 591.4	188.3
336	NONFERROUS FOUNDRIES	73.5	13.5	60.0	211.2	198.0	(NA)	(NA)	89.6	609.3	1 067.5	¹ 1 922.0	69.4
3361	ALUMINUM FOUNDRIES	38.8	5.8	33.0	96.7	90.9	84	89	45.2	312.9	516.6	920.5	38.7
3362	BRASS, BRONZE, COPPER FOUNDRIES. . .	17.4	4.3	13.1	50.7	48.6	84	81	17.9	119.8	226.8	445.2	12.4
3369	NONFERROUS FOUNDRIES, NEC.	17.3	3.4	13.8	63.8	58.5	83	79	26.6	176.7	324.1	556.3	18.2
339	MISC. PRIMARY METAL PRODUCTS	50.0	8.1	41.9	100.6	104.8	(NA)	(NA)	24.7	179.4	370.2	¹ 578.5	35.0
3398	METAL HEAT TREATING.E1	23.1	4.5	18.6	36.2	39.7	(⁷)	(⁷)	24.7	179.4	370.2	578.5	35.0
3399	PRIMARY METAL PRODUCTS, NEC.	26.9	3.6	23.3	64.4	65.1	92	74					
34	FABRICATED METAL PRODUCTS.	1 323.2	292.5	1 030.7	8 344.7	7 997.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
341	METAL CANS, SHIPPING CONTAINERS. . .	146.5	13.0	133.4	676.1	726.3	(NA)	(NA)	71.9	557.9	1 292.1	3 261.3	114.2
3411	METAL CANS	138.1	12.2	125.9	610.2	654.6	96	99	60.3	474.4	1 141.5	2 890.6	99.2
3412	METAL BARRELS, DRUMS, AND PAILS. . .	8.4	.8	7.5	65.9	71.7	97	86	11.6	83.5	150.6	370.7	15.0
342	CUTLERY, HANDTOOLS AND HARDWARE. .	143.0	31.3	111.7	932.6	848.6	(NA)	(NA)	155.9	1 043.2	2 318.3	¹ 3 714.6	120.0
3421	CUTLERY	11.7	1.8	9.9	81.5	73.3	91	94	13.0	80.2	276.3	378.5	11.5
3423	HAND AND EDGE TOOLS, NEC.	33.5	6.4	27.1	268.1	244.9	89	88	35.9	232.9	509.4	813.5	23.3
3425	HANDSAWS AND SAW BLADES.	6.4	.7	5.7	46.4	42.6	85	77	6.3	43.4	97.1	154.3	3.9
3429	HARDWARE, NEC.	91.4	22.4	69.0	536.6	487.7	94	94	100.8	686.7	1 435.5	2 368.3	81.3
343	PLUMBING, HEATING, EXCEPT ELEC. . .	51.7	15.0	36.7	399.8	371.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3431	METAL SANITARY WARE.	8.2	1.6	6.5	50.7	54.1	84	91	10.1	71.3	140.6	251.2	7.6
3432	PLUMBING FITTINGS AND BRASS GOODS. .	19.0	6.8	12.2	139.5	125.6	90	90	14.5	92.6	183.3	404.7	8.2
3433	HEATING EQUIPMENT, EXC. ELECTRIC. . .	24.5	6.6	18.0	209.6	191.4	82	83	(NA)	(NA)	(NA)	(NA)	(NA)
344	FABRICATED STRUC. METAL PRODS. . . .	317.5	101.1	216.4	2 534.7	2 413.0	(NA)	(NA)	387.9	2 686.8	4 934.3	¹ 10 449.2	257.6
3441	FABRICATED STRUCTURAL METAL.	74.7	22.2	52.5	820.5	827.9	89	93	107.5	773.6	1 319.3	2 967.8	76.6
3442	METAL DOORS, SASH, AND TRIM. . . .E1	52.1	17.9	34.2	309.4	286.5	90	91	63.9	378.5	651.1	1 413.6	24.3
3443	FABRICATED PLATEWORK, BOILER SHOP. .	77.3	24.7	52.6	643.4	587.7	92	87	96.4	700.4	1 393.4	2 688.5	81.9
3444	SHEET METALWORK.E1	59.0	16.7	42.3	404.2	376.1	90	84	68.1	490.7	889.3	1 812.4	44.4
3446	ARCHITECTURAL METALWORK.E1	17.0	6.5	10.4	93.0	84.5	85	81	19.3	123.0	232.6	484.9	7.4
3448	PREFABRICATED METAL BUILDINGS. . . .	11.3	3.5	7.8	103.7	97.3	89	90					
3449	MISCELLANEOUS METALWORK.	26.2	9.6	16.5	152.4	153.1	91	76	32.7	220.7	448.6	1 082.0	23.0

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972									Value added by manufac- ture (million dollars)	Value of shipments (million dollars)
		Companies	Establishments		All employees		Production workers					
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages			
(number)	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)			
34	FABRICATED METAL PRODUCTS--CON.											
345	SCREW MACHINE PROD., BOLTS, ETC. .	2 339	2 482	1 008	100.6	948.0	79.2	164.8	665.6	1 845.3	3 091.5	
3451	SCREW MACHINE PRODUCTSE1	1 781	1 804	612	40.5	357.3	33.2	68.7	257.9	648.5	1 063.8	
3452	BOLTS, NUTS, RIVETS, AND WASHERS . .	580	678	396	60.1	590.7	46.0	96.6	407.7	1 196.8	2 027.6	
346	METAL FORGINGS AND STAMPINGS . . .	2 960	3 188	1 607	263.5	2 791.4	216.1	441.6	2 129.4	5 057.3	9 956.9	
3462	IRON AND STEEL FORGINGS.	252	280	180	34.3	387.2	27.8	55.2	299.5	661.8	1 416.1	
3463	NONFERROUS FORGINGS.	40	46	33	5.8	63.7	4.5	9.0	45.4	104.0	222.5	
3465	AUTOMOTIVE STAMPINGS	388	453	364	123.3	1 485.4	103.0	217.5	1 174.6	2 663.8	5 286.0	
3466	CROWNS AND CLOSURES.	42	53	48	8.1	74.1	6.7	13.4	55.1	166.7	343.5	
3469	METAL STAMPINGS, NEC	2 277	2 356	982	92.0	781.0	74.2	146.5	554.8	1 461.0	2 688.8	
347	METAL SERVICES, NEC.E1	4 600	4 761	1 197	82.1	624.2	67.7	132.7	445.3	1 120.3	1 736.3	
3471	PLATING AND POLISHING.E2	3 180	3 264	825	54.6	403.1	45.2	89.2	289.5	741.2	1 034.5	
3479	METAL COATING AND ALLIED SERVICES,E1	1 426	1 497	372	27.6	221.1	22.5	43.5	155.8	379.2	701.8	
348	ORDNANCE AND ACCESSORIES, NEC. . .	272	315	179	109.5	1 015.3	73.2	144.8	591.0	1 507.3	2 787.0	
3482	SMALL ARMS AMMUNITION.	57	62	25	13.9	129.3	10.4	21.0	88.3	228.6	438.0	
3483	AMMUNITION, EXC. SMALL ARMS, NEC . .	77	95	77	54.9	479.1	36.8	73.2	277.3	655.5	1 477.9	
3484	SMALL ARMS	75	82	41	16.1	152.1	11.5	23.1	100.5	278.6	393.5	
3489	ORDNANCE AND ACCESSORIES NEC	75	76	36	24.6	254.8	14.5	27.5	124.8	344.6	477.7	
349	MISC. FABRICATED METAL PRODUCTS. .	4 717	5 214	2 040	244.3	2 141.7	183.0	362.5	1 409.2	4 283.0	7 784.8	
3493	STEEL SPRINGS, EXCEPT WIRE	99	110	53	8.5	79.9	6.7	13.3	56.9	149.7	331.4	
3494	VALVES AND PIPE FITTINGS	645	780	464	94.3	879.9	65.6	131.3	547.2	1 751.2	2 956.9	
3495	WIRE SPRINGS	206	284	216	23.7	193.2	19.8	40.0	144.5	340.7	611.9	
3496	MISC. FABRICATED WIRE PRODUCTS . .E1	1 157	1 211	412	33.2	261.4	26.5	51.7	177.3	504.4	959.7	
3497	METAL FOIL AND LEAF.	54	63	40	5.4	51.9	3.9	8.1	33.2	126.5	282.0	
3498	FABRICATED PIPE AND FITTINGS	373	423	202	17.5	164.7	13.2	25.9	112.4	363.1	704.4	
3499	FABRICATED METAL PRODUCTS, NEC . .E1	2 254	2 343	653	61.8	510.7	47.2	92.2	337.7	1 047.4	1 938.6	
35	MACHINERY, EXCEPT ELECTRICAL . .	38 085	40 792	10 599	1 827.7	18 523.3	1 266.9	2 538.3	11 358.6	37 562.9	65 820.7	
351	ENGINES AND TURBINES	200	253	154	116.0	1 320.3	80.9	163.5	833.6	2 899.5	5 507.4	
3511	TURBINES, TURBINE GENERATOR SETS . .	59	75	46	46.2	548.9	28.8	59.2	299.1	1 225.3	2 189.0	
3519	INTERNAL COMBUSTION ENGINES, NEC . .	145	178	108	69.9	771.4	52.2	104.3	534.5	1 674.2	3 318.4	
352	FARM AND GARDEN MACHINERY.	1 554	1 658	650	125.3	1 211.2	95.0	186.4	840.6	2 701.2	5 590.4	
3523	FARM MACHINERY AND EQUIPMENT	1 465	1 548	564	104.6	1 045.7	79.9	157.1	732.3	2 248.0	4 531.4	
3524	LAWN AND GARDEN EQUIPMENT.	100	110	86	20.7	165.5	15.1	29.3	108.3	453.2	1 059.1	
353	CONSTRUCTION, RELATED MACHINERY. .	2 177	2 517	1 228	275.4	2 855.7	189.3	378.2	1 790.3	5 962.2	11 089.5	
3531	CONSTRUCTION MACHINERY	644	748	387	133.8	1 460.2	98.2	197.4	997.0	3 130.7	6 091.0	
3532	MINING MACHINERY	220	240	124	21.3	197.6	14.3	27.4	118.9	393.2	771.2	
3533	OILFIELD MACHINERY	257	315	159	35.9	357.5	24.3	49.9	217.3	788.6	1 213.0	
3534	ELEVATORS AND MOVING STAIRWAYS . . .	135	154	88	15.0	144.5	8.6	17.2	73.7	310.2	483.6	
3535	CONVEYORS AND CONVEYING EQUIPMENT. .	457	492	243	27.2	275.5	16.4	32.6	138.9	540.1	968.0	
3536	HOISTS, CRANES, AND MONORAILS. . . .	176	188	92	16.3	160.9	10.7	20.8	96.2	274.7	527.3	
3537	INDUSTRIAL TRUCKS AND TRACTORS	363	380	135	25.8	259.5	16.8	32.9	148.3	524.7	1 035.4	
354	METALWORKING MACHINERY	9 249	9 652	2 353	268.1	2 858.6	197.4	408.6	1 898.3	4 901.7	7 267.0	
3541	MACHINE TOOLS, METAL-CUTTING	857	894	275	52.5	573.8	33.4	68.2	325.9	901.7	1 418.1	
3542	MACHINE TOOLS, METAL-FORMING	375	383	162	24.1	265.4	16.6	34.7	163.8	417.7	696.3	
3544	SPECIAL DIES, TOOLS, JIGS, ETC. . .E1	6 513	6 616	1 266	97.8	1 113.8	80.5	173.3	843.6	1 797.4	2 423.7	
3545	MACHINE TOOL ACCESSORIES	1 113	1 231	413	46.7	456.6	33.6	67.0	294.5	876.1	1 243.4	
3546	POWER DRIVEN HANDTOOLS	71	88	65	23.1	202.3	16.9	32.9	124.2	434.5	730.5	
3547	ROLLING MILL MACHINERY	40	47	38	10.4	115.2	7.2	14.2	68.7	206.4	327.8	
3549	METALWORKING MACHINERY, NEC. . . .E1	384	393	134	13.6	131.5	9.2	18.3	77.6	267.9	427.3	
355	SPECIAL INDUSTRY MACHINERY	3 380	3 685	1 431	190.1	1 853.9	122.7	247.8	1 034.1	3 731.9	6 207.2	
3551	FOOD PRODUCTS MACHINERY.	636	688	290	31.9	315.9	20.6	40.7	179.7	605.2	1 000.1	
3552	TEXTILE MACHINERY.	535	579	225	32.7	271.0	23.3	47.5	168.5	487.9	823.7	
3553	WOODWORKING MACHINERY.	229	242	109	13.7	123.9	9.4	19.2	73.9	285.1	495.2	
3554	PAPER INDUSTRIES MACHINERY	203	218	109	15.3	159.0	9.0	18.6	80.8	254.0	447.8	
3555	PRINTING TRADES MACHINERY.	523	574	173	23.9	249.4	15.3	30.3	137.3	503.6	823.5	
3559	SPECIAL INDUSTRY MACHINERY, NEC. . .	1 310	1 384	525	72.6	734.7	45.1	91.5	393.8	1 596.1	2 616.9	
356	GENERAL INDUSTRIAL MACHINERY	3 518	3 863	1 436	262.0	2 585.4	182.1	364.9	1 622.0	5 019.7	8 433.7	
3561	PUMPS AND PUMPING EQUIPMENT.	506	559	260	55.5	532.9	35.5	71.6	302.2	1 095.6	1 917.3	
3562	BALL AND ROLLER BEARINGS	99	135	93	50.9	525.5	41.4	83.4	403.7	931.3	1 530.5	
3563	AIR AND GAS COMPRESSORS	55	84	64	22.9	226.6	13.5	27.2	117.5	467.5	858.4	
3564	BLOWERS AND FANS	360	396	172	23.5	216.1	16.0	32.0	126.5	468.8	805.3	
3565	INDUSTRIAL PATTERNS.E2	1 017	1 021	97	8.5	103.1	7.4	13.9	85.3	161.0	198.0	
3566	SPEED CHANGERS, DRIVES, AND GEARS. .	330	346	155	22.5	224.2	15.6	30.6	137.5	409.0	632.7	
3567	INDUSTRIAL FURNACES AND OVENS. . . .	253	266	108	13.6	138.5	8.1	16.0	69.8	244.3	443.2	
3568	POWER TRANSMISSION EQUIPMENT, NEC. .	125	155	127	27.7	266.5	20.7	42.0	183.0	544.4	876.4	
3569	GENERAL INDUSTRIAL MACHINERY, NEC. .	864	901	360	37.0	351.8	24.0	48.2	196.5	697.7	1 171.9	
357	OFFICE AND COMPUTING MACHINES. . . .	857	995	526	208.4	2 277.3	107.4	213.6	900.6	4 904.5	8 604.9	
3573	ELECTRONIC COMPUTING EQUIPMENT . . .	518	602	355	144.8	1 668.3	64.7	130.6	546.8	3 497.6	6 471.2	
3574	CALCULATING, ACCOUNTING MACHINES . .	74	79	30	22.5	207.2	17.9	33.4	152.5	407.0	637.1	
3576	SCALES, BALANCES, EXC. LABORATORY. .	86	97	44	6.7	59.3	4.1	8.6	32.5	129.7	200.4	
3572	OFFICE MACHINES, TYPEWRITERS, ETC. .	206	217	97	34.5	342.5	20.8	41.1	168.8	870.1	1 296.2	
3579												
358	REFRIGERATION AND SERVICE MACH. . .	1 566	1 769	803	197.9	1 863.9	143.3	283.3	1 210.7	4 426.7	8 711.0	
3581	AUTOMATIC MERCHANDISING MACHINES . .	116	125	48	10.5	83.6	7.3	13.9	52.1	163.4	324.4	
3582	COMMERCIAL LAUNDRY EQUIPMENT	100	107	47	4.8	42.2	3.4	6.7	25.4	88.2	157.0	
3585	REFRIGERATION, HEATING EQUIPMENT . .	655	774	443	150.8	1 442.1	112.6	223.5	978.6	3 517.4	7 083.5	
3586	MEASURING AND DISPENSING PUMPS . . .	54	57	33	7.2	67.3	5.0	9.9	38.7	134.1	232.3	
3589	SERVICE INDUSTRY MACHINERY, NEC. . .	666	706	232	24.4	228.8	15.0	29.3	115.9	503.6	913.8	
359	MISC. MACHINERY, EXC. ELECE2	16 308	16 400	2 018	184.4	1 697.0	148.8	291.9	1 228.3	3 015.5	4 409.5	
3592	CARBURETORS, PISTONS, RINGS, ETC. . .	98	113	72	26.7	272.3	21.6	43.5	207.1	500.0	744.3	
3599	MACHINERY, EXCEPT ELECTRICAL, NEC.E2	16 217	16 287	1 946	157.8	1 424.7	127.2	248.4	1 021.3	2 515.5	3 665.2	

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972—Continued							1967				
		Capital expenditures, new ⁴			Inventories end of—		Special- ization ratio	Cover- age ratio	All employees		Value added by manufac- ture	Value of shipments	Capital expendi- tures, new
		Total	Structures and additions to plant	Machinery and equipment	1972	1971			Number	Payroll			
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)			(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
34	FABRICATED METAL PRODUCTS--CON.												
345	SCREW MACHINE PROD., BOLTS, ETC.	88.9	14.6	74.3	523.5	489.0	(NA)	(NA)	116.1	847.1	1 620.9	¹ 2 665.4	120.4
3451	SCREW MACHINE PRODUCTSE1	33.2	5.0	28.3	115.7	103.2	96	90	49.0	349.1	641.5	1 021.5	49.7
3452	BOLTS, NUTS, RIVETS, AND WASHERS . . .	55.7	9.7	46.0	407.8	385.9	93	91	67.2	498.1	979.4	1 643.9	70.7
346	METAL FORGINGS AND STAMPINGS	237.7	33.0	204.7	1 171.3	1 124.7	(NA)	(NA)	277.2	2 118.9	3 792.6	7 488.4	273.2
3462	IRON AND STEEL FORGINGS	28.1	4.3	23.9	219.4	198.8	92	68	41.2	345.9	607.4	1 261.6	45.0
3463	NONFERROUS FORGINGS	7.0	1.3	5.7	60.0	57.8	84	63	10.1	87.5	154.4	333.1	32.4
3465	AUTOMOTIVE STAMPINGS	117.5	12.9	104.6	447.0	448.8	92	92					
3466	CROWNS AND CLOSURES	8.3	1.5	6.9	62.6	62.8	88	84					
3469	METAL STAMPINGS, NEC	76.7	13.0	63.7	382.3	356.4	86	85	225.9	1 685.5	3 030.8	5 893.7	195.8
347	METAL SERVICES, NECE1	64.2	12.2	52.0	116.1	104.3	(NA)	(NA)	81.3	481.4	864.3	¹ 1 262.4	55.1
3471	PLATING AND POLISHINGE2	40.2	7.5	32.7	51.3	48.0	(?)	(?)	55.1	323.2	574.8	791.1	35.1
3479	METAL COATING AND ALLIED SERVICES,E1	24.0	4.7	19.3	64.8	56.4	(?)	(?)	26.2	158.2	289.6	471.3	22.0
348	ORDNANCE AND ACCESSORIES, NEC	61.6	22.7	38.8	423.8	413.9	(NA)	(NA)	181.2	1 287.8	2 040.6	4 131.6	84.0
3482	SMALL ARMS AMMUNITION	10.8	3.5	7.3	147.3	145.0	98	98	25.2	173.3	286.3	595.9	12.6
3483	AMMUNITION, EXC. SMALL ARMS, NEC . .	24.5	11.1	13.4	146.3	142.8	87	88	101.7	705.8	1 118.6	2 464.2	42.5
3484	SMALL ARMS	11.3	1.5	9.7	96.4	88.1	91	98	17.4	124.3	226.6	384.0	11.2
3489	ORDNANCE AND ACCESSORIES NEC	15.0	6.6	8.4	33.3	37.9	83	72	36.9	284.4	409.1	687.5	17.7
349	MISC. FABRICATED METAL PRODUCTS . .	212.2	49.5	162.7	1 567.3	1 506.5	(NA)	(NA)	237.4	1 540.8	3 110.0	¹ 5 606.3	208.2
3493	STEEL SPRINGS, EXCEPT WIRE	6.6	1.5	5.1	57.4	50.7	81	73	7.7	53.9	92.0	192.4	6.3
3494	VALVES AND PIPE FITTINGS	79.0	16.5	62.6	782.3	742.2	89	86	95.3	683.5	1 377.3	2 274.5	100.0
3495	WIRE SPRINGS	12.9	2.5	10.4	66.5	63.1	88	93					
3496	MISC. FABRICATED WIRE PRODUCTS . . .E1	28.9	6.3	22.6	158.7	157.1	93	45	60.2	364.0	669.5	1 220.4	37.8
3497	METAL FOIL AND LEAF	8.2	2.7	5.6	43.8	41.7	79	42	6.6	48.7	104.9	265.5	10.6
3498	FABRICATED PIPE AND FITTINGS	14.7	3.6	11.1	157.5	149.5	94	90	18.2	129.1	238.5	508.1	14.4
3499	FABRICATED METAL PRODUCTS, NEC . .E1	61.8	16.5	45.4	301.1	302.2	89	74	49.4	310.3	627.8	1 145.4	39.1
35	MACHINERY, EXCEPT ELECTRICAL . . .	1 906.3	428.2	1 478.2	15 036.8	14 207.4	(NA)	(NA)	1 864.5	14 226.3	27 836.4	48 477.2	1 868.1
351	ENGINES AND TURBINES	185.5	44.3	141.2	1 167.8	1 101.6	(NA)	(NA)	99.9	819.6	1 598.1	¹ 3 136.4	163.9
3511	TURBINES, TURBINE GENERATOR SETS . .	93.5	16.5	77.0	528.3	513.9	92	90	36.2	318.8	582.3	1 043.2	66.3
3519	INTERNAL COMBUSTION ENGINES, NEC . .	92.0	27.8	64.2	639.5	587.7	91	86	63.7	500.8	1 015.8	2 093.2	97.6
352	FARM AND GARDEN MACHINERY	163.6	41.0	122.5	1 285.9	1 125.3	(NA)	(NA)	136.3	946.7	2 041.5	4 299.9	128.5
3523	FARM MACHINERY AND EQUIPMENT	116.0	27.2	88.8	998.7	866.5	90	94					
3524	LAWN AND GARDEN EQUIPMENT	47.6	13.9	33.7	287.2	258.9	90	82	136.3	946.7	2 041.5	4 299.9	128.5
353	CONSTRUCTION, RELATED MACHINERY . .	282.1	59.9	222.1	2 990.4	2 824.9	(NA)	(NA)	272.6	2 041.3	4 129.9	¹ 7 865.0	279.6
3531	CONSTRUCTION MACHINERY	159.5	28.8	130.7	1 695.7	1 587.2	90	93	133.1	989.4	2 056.5	4 138.0	184.9
3532	MINING MACHINERY	13.4	3.2	10.2	237.7	231.3	87	81	21.7	156.7	308.3	622.0	18.4
3533	OILFIELD MACHINERY	54.7	10.1	44.5	382.2	344.1	82	92	32.7	240.4	502.9	799.8	23.7
3534	ELEVATORS AND MOVING STAIRWAYS . . .	7.8	2.9	4.9	133.2	130.7	97	96	13.9	107.6	196.1	319.7	3.9
3535	CONVEYORS AND CONVEYING EQUIPMENT .	13.2	4.3	8.9	152.3	153.5	90	88	27.4	213.3	415.8	763.0	13.6
3536	HOISTS, CRANES, AND MONORAILS	13.8	6.8	7.0	127.3	130.0	78	84	16.8	134.3	241.6	444.4	11.3
3537	INDUSTRIAL TRUCKS AND TRACTORS . . .	19.7	3.8	15.9	262.1	248.1	96	91	27.0	199.7	408.6	778.0	23.9
354	METALWORKING MACHINERY	218.8	44.5	174.3	1 646.4	1 555.6	(NA)	(NA)	337.0	2 859.5	5 091.4	¹ 7 511.5	319.4
3541	MACHINE TOOLS, METAL-CUTTING	35.2	7.1	28.1	482.2	464.7	86	90	87.2	759.9	1 391.3	2 127.2	78.7
3542	MACHINE TOOLS, METAL-FORMING	17.5	4.7	12.9	242.7	230.4	89	87	29.2	249.6	437.2	714.0	26.2
3544	SPECIAL DIES, TOOLS, JIGS, ETC. . . .E1	97.0	17.0	80.1	244.1	219.5	94	78	113.6	1 032.8	1 646.7	2 203.2	114.7
3545	MACHINE TOOL ACCESSORIES	30.2	6.7	23.5	289.0	279.7	86	88	60.3	479.3	922.8	1 309.9	55.0
3546	POWER DRIVEN HANDTOOLS	20.3	3.9	16.4	199.7	192.9	82	92					
3547	ROLLING MILL MACHINERY	6.3	1.6	5.7	81.0	69.1	74	86					
3549	METALWORKING MACHINERY, NEC. . . .E1	12.3	4.5	7.7	107.6	99.4	88	83	46.7	338.0	693.4	1 158.1	44.8
355	SPECIAL INDUSTRY MACHINERY	160.0	43.2	116.7	1 585.5	1 521.8	(NA)	(NA)	206.7	1 569.9	2 880.3	¹ 4 993.0	179.3
3551	FOOD PRODUCTS MACHINERY	21.8	6.1	15.7	253.1	240.8	90	89	32.6	249.4	502.9	830.2	22.0
3552	TEXTILE MACHINERY	27.6	6.6	21.0	231.0	225.6	94	96	39.7	253.3	404.1	711.7	22.2
3553	WOODWORKING MACHINERY	12.4	3.7	8.7	101.8	84.9	90	91	12.7	83.9	192.8	314.4	8.2
3554	PAPER INDUSTRIES MACHINERY	8.3	1.7	6.6	115.1	116.6	85	86	21.3	172.5	283.4	551.4	18.6
3555	PRINTING TRADES MACHINERY	16.1	3.7	12.4	243.6	240.8	97	91	29.2	239.6	458.7	752.3	32.9
3559	SPECIAL INDUSTRY MACHINERY, NEC. . .	73.8	21.4	52.4	640.9	613.2	82	81	71.3	571.2	1 038.4	1 833.0	75.4
356	GENERAL INDUSTRIAL MACHINERY	232.1	47.2	184.9	2 043.7	1 940.4	(NA)	(NA)	279.2	2 137.0	4 107.2	¹ 6 923.3	291.4
3561	PUMPS AND PUMPING EQUIPMENT	56.9	13.1	43.8	534.6	493.1	83	86					
3562	BALL AND ROLLER BEARINGS	51.3	4.2	47.1	398.5	383.1	94	99	58.8	456.0	833.3	1 328.5	107.1
3563	AIR AND GAS COMPRESSORS	15.3	4.4	10.9	286.7	285.2	83	90	78.3	591.7	1 210.2	2 207.5	62.3
3564	BLOWERS AND FANS	22.2	7.7	14.6	125.4	119.8	79	84	21.0	149.2	302.2	525.2	14.5
3565	INDUSTRIAL PATTERNSE2	5.3	1.0	4.3	12.9	11.0	95	78	10.9	106.0	165.5	201.8	8.1
3566	SPEED CHANGERS, DRIVES, AND GEARS .	21.8	2.7	19.1	147.6	140.7	88	89					
3567	INDUSTRIAL FURNACES AND OVENS . . .	7.5	2.1	5.5	75.7	74.5	78	91	16.1	129.3	259.4	495.7	11.6
3568	POWER TRANSMISSION EQUIPMENT, NEC.	20.4	2.9	17.5	208.0	198.1	87	74					
3569	GENERAL INDUSTRIAL MACHINERY, NEC.	31.3	9.1	22.1	254.3	236.9	85	81	39.4	295.4	535.9	901.2	30.5
357	OFFICE AND COMPUTING MACHINES . . .	287.0	71.1	215.9	2 083.7	2 109.7	(NA)	(NA)	190.4	1 462.2	3 331.8	¹ 5 731.0	192.7
3573	ELECTRONIC COMPUTING EQUIPMENT . .	212.8	49.6	163.1	1 574.1	1 600.8	92	91	98.9	803.5	1 926.4	3 770.9	117.1
3574	Calculating, Accounting Machines . . .	19.0	1.7	17.3	216.7	186.9	97	86	38.4	294.4	518.2	707.8	32.6
3576	SCALES, BALANCES, EXC. LABORATORY .	5.7	2.5	3.2	47.5	45.6	92	95	6.5	45.6	90.0	140.2	5.1
3572	OFFICE MACHINES, TYPEWRITERS, ETC. .	49.6	17.3	32.3	245.4	276.4	79	87	20.7	146.6	342.5	516.6	17.8
3579													
358	REFRIGERATION AND SERVICE MACH. . .	228.2	46.9	181.3	1 704.7	1 543.5	(NA)	(NA)	139.6	946.8	2 125.1	¹ 4 305.0	134.1
3581	AUTOMATIC MERCHANDISING MACHINES .	5.6	1.2	4.5	89.0	77.4	94	92	10.0	59.2	140.8	248.0	5.5
3582	COMMERCIAL LAUNDRY EQUIPMENT	1.2	.2	.9	36.6	37.5	91	70	7.5	50.9	96.4	183.1	4.9
3585	REFRIGERATION, HEATING EQUIPMENT . .	201.2	40.0	161.2	1 330.6	1 200.2	(⁶)	(⁶)					
3586	MEASURING AND DISPENSING PUMPS . . .	4.5	1.3	3.2	64.2	60.4	71	87	6.4	45.6	94.8	174.7	3.8
3589	SERVICE INDUSTRY MACHINERY, NEC. . .	15.7	4.2	11.5	184.4	167.8	90	87	20.9	146.6	313.3	598.1	10.6
359	MISC. MACHINERY, EXC. ELEC.E2	149.2	29.9	119.3	528.6	484.3	(NA)	(NA)					
3592	CARBURETORS, PISTONS, RINGS, ETC. .	27.1	4.6	22.5	112.4	98.0	81	74					
3599	MACHINERY, EXCEPT ELECTRICAL, NEC,E2	122.2	25.4	96.8	416.2	386.3	93	94					

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972									Value added by manufac- ture (million dollars)	Value of shipments (million dollars)
		Companies (number)	Establishments		All employees		Production workers					
			Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)			
36	ELECTRIC, ELECTRONIC EQUIP . . .	10 031	12 270	5 732	1 661.3	15 189.0	1 160.0	2 273.3	8 816.4	30 558.2	53 394.3	
361	ELECTRIC DISTRIBUTING EQUIPMENT. .	617	784	419	116.0	1 040.0	85.3	168.4	674.6	2 060.3	3 585.4	
3612	TRANSFORMERS	168	216	136	46.8	420.2	35.6	71.3	286.1	1 757.3	1 461.9	
3613	SWITCHGEAR, SWITCHBOARD APPARATUS. .	463	568	283	69.2	619.8	49.6	97.1	388.5	1 303.0	2 123.5	
362	ELECTRICAL INDUSTRIAL APPARATUS. .	1 288	1 510	719	188.0	1 665.1	134.4	269.1	1 034.3	3 217.9	5 402.3	
3621	MOTORS AND GENERATORS.	325	426	258	90.6	767.1	69.4	139.6	517.6	1 482.6	2 516.0	
3622	INDUSTRIAL CONTROLS.	544	588	216	50.5	459.4	33.1	65.9	253.9	894.5	1 400.0	
3623	WELDING APPARATUS, ELECTRIC.	154	166	80	15.5	173.9	9.8	20.9	102.5	353.5	659.6	
3624	CARBON AND GRAPHITE PRODUCTS	58	72	44	11.3	99.6	8.6	16.7	70.9	217.4	377.4	
3629	ELEC. INDUSTRIAL APPARATUS, NEC. . . .	245	258	121	20.2	165.0	13.5	26.0	89.4	270.0	449.4	
363	HOUSEHOLD APPLIANCES	517	645	358	163.0	1 369.2	130.9	254.9	980.3	3 563.3	6 940.3	
3631	HOUSEHOLD COOKING EQUIPMENT.	72	84	51	23.3	205.7	18.4	36.8	141.5	412.0	939.8	
3632	HOUSEHOLD REFRIGERATORS, FREEZERS. .	30	36	25	34.1	305.3	28.6	55.6	233.0	790.8	1 719.7	
3633	HOUSEHOLD LAUNDRY EQUIPMENT.	20	29	24	23.6	223.1	19.4	36.9	171.2	684.7	1 356.5	
3634	ELECTRIC HOUSEWARES AND FANS	247	300	168	51.5	358.4	41.2	79.8	241.6	910.3	1 615.0	
3635	HOUSEHOLD VACUUM CLEANERS.	34	36	24	11.2	98.7	8.4	16.3	68.0	299.5	467.7	
3636	SEWING MACHINES.	72	75	48	5.3	54.6	4.4	8.6	41.6	124.6	159.6	
3639	HOUSEHOLD APPLIANCES, NEC.	70	85	48	14.0	123.5	10.7	20.9	83.4	341.4	681.9	
364	ELEC. LIGHTING, WIRING EQUIP	1 642	1 897	943	177.1	1 413.7	138.6	270.2	946.9	3 276.8	5 650.8	
3641	ELECTRIC LAMPS	102	143	72	31.5	239.7	27.1	52.2	185.7	724.4	1 095.7	
3643	CURRENT-CARRYING WIRING DEVICES. . .	366	401	210	48.3	369.4	37.3	72.8	235.3	766.9	1 216.6	
3644	NONCURRENT-CARRYING WIRING DEVICES. .	149	179	117	25.7	217.0	19.3	37.7	147.0	490.8	886.4	
3645	RESIDENTIAL LIGHTING FIXTURES. . .E1	665	701	278	26.5	189.3	21.0	40.6	120.7	390.2	767.2	
3646	COMMERCIAL LIGHTING FIXTURES	205	236	140	18.8	148.3	14.0	27.0	93.2	350.4	718.7	
3647	VEHICULAR LIGHTING EQUIPMENT	45	47	31	13.6	142.1	10.7	21.5	101.9	299.8	499.8	
3648	LIGHTING EQUIPMENT, NEC.	172	190	95	12.7	107.9	9.2	18.4	63.1	254.3	466.5	
365	RADIO, TV RECEIVING EQUIPMENT. . . .	875	939	283	106.9	797.9	85.7	163.2	553.7	2 183.4	5 007.8	
3651	RADIO AND TV RECEIVING SETS.	344	372	164	86.5	651.4	69.8	132.4	453.6	1 807.8	4 440.1	
3652	PHONO, RECORDS, PRERECORDED TAPE .E1	538	567	119	20.3	146.5	15.8	30.8	100.1	375.6	567.7	
366	COMMUNICATION EQUIPMENT.	1 664	1 976	1 031	453.6	4 912.1	256.6	497.3	2 269.5	8 453.1	13 665.0	
3661	TELEPHONE AND TELEGRAPH APPARATUS. .	158	203	110	134.4	1 323.0	94.7	176.4	821.8	2 650.1	4 524.7	
3662	RADIO AND TV COMMUNICATION EQUIP . .	1 521	1 773	921	319.2	3 589.1	161.9	320.9	1 447.6	5 803.1	9 140.2	
367	ELECTRONIC COMPONENTS, ACCESS. . . .	2 451	2 867	1 439	336.0	2 869.3	233.8	461.2	1 559.9	5 305.8	8 825.9	
3671	ELECTRON TUBES, RECEIVING TYPE	21	25	13	11.4	87.7	9.5	18.2	63.7	173.8	230.4	
3672	CATHODE RAY TV PICTURE TUBES	69	75	21	15.2	146.9	12.2	24.3	97.3	345.5	696.5	
3673	ELECTRON TUBES, TRANSMITTING	43	53	38	20.5	233.8	12.3	25.3	115.8	342.8	479.3	
3674	SEMICONDUCTORS, RELATED DEVICES. . .	288	327	198	97.6	953.1	58.4	116.3	419.8	1 735.1	2 704.8	
3675	ELECTRONIC CAPACITORS.	78	113	101	27.6	169.2	22.5	44.5	119.6	298.6	445.8	
3676	ELECTRONIC RESISTORS	67	86	78	20.5	144.5	15.7	31.3	93.9	263.5	372.2	
3677	ELECTRONIC COILS AND TRANSFORMERS. .	215	247	205	23.9	142.0	19.2	37.0	97.6	213.9	354.1	
3678	ELECTRONIC CONNECTORS.	76	91	79	18.1	141.2	13.5	26.8	90.2	345.6	483.3	
3679	ELECTRONIC COMPONENTS, NEC	1 745	1 850	706	101.2	851.1	70.6	137.5	462.1	1 586.9	3 059.9	
369	MISC. ELEC. EQUIPMENT, SUPPLIES. . .	1 475	1 652	540	120.4	1 121.4	94.7	189.1	797.3	2 497.6	4 315.0	
3691	STORAGE BATTERIES.	138	212	120	22.1	209.3	18.0	36.0	159.3	477.8	968.6	
3692	PRIMARY BATTERIES, DRY AND WET	30	48	31	8.4	64.6	6.8	13.5	46.4	221.6	348.1	
3693	X-RAY APPARATUS AND TUBES.	94	104	54	12.1	120.9	6.9	14.1	55.5	311.3	443.7	
3694	ENGINE ELECTRICAL EQUIPMENT.	265	290	143	57.9	591.3	47.7	96.9	451.7	1 212.6	2 035.0	
3699	ELECTRICAL EQUIP., SUPPLIES, NEC .E2	969	998	192	19.8	135.4	15.4	28.6	84.4	274.4	519.5	
37	TRANSPORTATION EQUIPMENT	7 548	8 802	3 618	1 719.0	19 880.0	1 246.2	2 527.4	12 848.6	39 799.4	94 704.9	
371	MOTOR VEHICLES AND EQUIPMENT	2 817	3 391	1 547	807.5	9 460.5	669.2	1 386.9	7 419.9	22 056.2	63 921.4	
3711	MOTOR VEHICLES AND CAR BODIES. . . .	167	231	119	339.2	4 299.5	284.0	587.9	3 405.4	11 782.5	42 905.6	
3713	TRUCK AND BUS BODIES	732	786	354	42.6	353.8	33.1	65.3	245.1	659.7	1 564.4	
3714	MOTOR VEHICLE PARTS, ACCESSORIES . . .	1 746	2 119	935	400.9	4 601.5	332.3	696.0	3 620.3	9 164.7	18 333.5	
3715	TRUCK TRAILERS	215	255	139	24.7	205.6	19.7	37.8	149.1	449.3	1 117.9	
372	AIRCRAFT AND PARTS	942	1 094	555	438.7	5 281.7	259.5	523.5	2 613.6	9 123.6	15 451.4	
3721	AIRCRAFT	141	168	86	231.8	2 867.1	131.0	259.1	1 332.3	5 083.0	8 779.3	
3724	AIRCRAFT ENGINES AND ENGINE PARTS. . .	189	232	156	104.7	1 256.6	60.4	125.0	603.4	1 991.7	3 640.2	
3728	AIRCRAFT EQUIPMENT, NEC.	649	694	313	102.2	1 158.1	68.1	139.5	677.9	2 048.9	3 031.9	
373	SHIP, BOAT BUILDING, REPAIRING	2 135	2 232	645	185.2	1 703.6	151.3	297.4	1 265.5	2 398.2	4 329.2	
3731	SHIP BUILDING AND REPAIRING.	415	455	277	144.6	1 422.3	117.7	233.4	1 053.2	1 881.3	3 281.0	
3732	BOAT BUILDING AND REPAIRING. . . .E2	1 726	1 777	368	40.6	281.3	33.6	64.0	212.4	516.8	1 048.2	
3743	RAILROAD EQUIPMENT	127	163	103	50.8	529.1	38.4	72.7	371.9	1 113.3	2 446.2	
3751	MOTORCYCLES, BICYCLES, AND PARTS . . .	219	222	52	17.6	139.6	15.0	29.1	106.2	315.2	659.5	
376	GUIDED MISSILES, SPACE VEHICLES. . . .	75	147	124	160.0	2 317.1	63.5	125.7	746.8	3 969.2	5 628.2	
3761	GUIDED MISSILES, SPACE VEHICLES. . . .	22	70	57	118.4	1 751.5	47.6	91.5	575.9	2 948.7	4 123.7	
3764	SPACE PROPULSION UNITS AND PARTS . . .	22	29	28	20.8	276.2	8.1	17.3	87.6	506.6	716.3	
3769	SPACE VEHICLE EQUIPMENT, NEC	45	48	39	20.9	289.3	7.9	16.9	83.3	513.9	788.2	
379	MISC. TRANSPORTATION EQUIPMENT . . .	1 400	1 553	592	59.1	448.4	49.2	92.0	324.8	823.7	2 268.9	
3792	TRAVEL TRAILERS AND CAMPERS. . . .E2	945	1 030	385	37.1	266.3	31.1	57.8	195.9	479.9	1 342.2	
3795	TANKS AND TANK COMPONENTS.	18	22	15	5.9	65.0	4.6	9.0	46.9	111.7	272.2	
3799	TRANSPORTATION EQUIPMENT, NEC. . . .	444	501	192	16.1	117.2	13.4	25.2	82.0	232.1	654.6	
38	INSTRUMENTS, RELATED PRODUCTS. . . .	5 269	5 983	2 066	453.2	4 286.2	291.4	568.5	2 231.8	10 580.1	15 526.7	
3811	ENGINEERING, SCIENTIFIC INSTRU	703	743	266	37.4	365.4	22.6	44.0	185.9	680.9	1 042.0	
382	MEASURING, CONTROLLING DEVICES	1 476	1 611	643	152.8	1 436.5	94.5	186.7	714.0	2 723.5	3 992.4	
3822	ENVIRONMENTAL CONTROLS	117	131	62	30.7	253.6	23.3	44.5	166.4	511.8	728.1	
3823	PROCESS CONTROL INSTRUMENTS.	175	192	133	38.8	391.1	18.8	37.9	151.1	632.2	906.9	
3824	FLUID METERS AND COUNTING DEVICES. . .	51	61	43	8.8	76.6	5.9	11.7	42.8	181.2	286.2	
3825	INSTRU. TO MEASURE ELECTRICITY	606	632	252	52.9	506.7	33.6	67.0	251.3	1 019.3	1 493.5	
3829	MEASURING, CONTROLLING DEVICES, NEC .	579	595	153	21.6	208.5	12.9	25.6	102.4	379.5	577.7	
3832	OPTICAL INSTRUMENTS AND LENSES	467	494	146	18.8	193.3	10.4	20.6	85.1	384.3	538.4	

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix. Explanation of Terms)

1972 code	Industry group and industry	1972—Continued						1967					
		Capital expenditures, new ⁴			Inventories end of—		Special- ization ratio	Cover- age ratio	All employees		Value added by manufac- ture	Value of shipments	Capital ex- pendi- tures, new
		Total	Structures and additions to plant	Machinery and equipment	1972	1971			Number	Payroll			
36	ELECTRIC, ELECTRONIC EQUIP . . .	1 417.5	295.2	1 122.3	9 725.5	9 225.9	(NA)	(NA)	1 313.2	12 544.0	23 627.6	142 176.9	1 483.5
361	ELECTRIC DISTRIBUTING EQUIPMENT. .	63.7	12.8	50.9	671.7	653.1	(NA)	(NA)	114.1	805.6	1 649.2	12 878.4	91.9
3612	TRANSFORMERS	26.8	5.6	21.2	258.7	266.6	96	97	45.6	317.6	1 188.9	1 188.4	52.8
3613	SWITCHGEAR, SWITCHBOARD APPARATUS. .	36.9	7.2	29.6	413.1	386.5	91	89	68.5	488.0	1 030.3	1 690.0	39.1
362	ELECTRICAL INDUSTRIAL APPARATUS. .	148.3	35.6	112.8	1 142.9	1 049.6	(NA)	(NA)	206.7	1 420.4	2 791.7	14 623.7	208.6
3621	MOTORS AND GENERATORS.	59.5	10.5	48.9	468.7	435.2	91	81	112.8	746.6	1 430.8	2 402.3	102.5
3622	INDUSTRIAL CONTROLS.	46.3	14.3	31.9	327.4	281.0	79	84	50.4	350.9	720.9	1 102.8	34.3
3623	WELDING APPARATUS, ELECTRIC.	11.4	3.5	7.9	149.3	138.2	84	92	13.7	118.4	265.3	493.3	18.1
3624	CARBON AND GRAPHITE PRODUCTS . . .	20.2	4.7	15.5	98.4	100.9	95	98	11.9	82.8	186.3	296.4	41.3
3629	ELEC. INDUSTRIAL APPARATUS, NEC. . .	11.2	2.5	8.6	99.2	94.4	85	80	17.9	103.7	188.3	328.8	12.3
363	HOUSEHOLD APPLIANCES	151.8	33.9	117.9	1 164.7	1 078.4	(NA)	(NA)	169.2	1 100.5	2 540.3	15 328.4	125.1
3631	HOUSEHOLD COOKING EQUIPMENT. . . .	25.5	7.5	17.9	168.0	157.5	91	74	20.4	128.4	254.2	551.9	8.6
3632	HOUSEHOLD REFRIGERATORS, FREEZERS. .	25.5	6.0	19.5	280.0	267.6	75-80	80-85	53.0	377.8	794.0	1 785.4	37.3
3633	HOUSEHOLD LAUNDRY EQUIPMENT. . . .	31.0	5.9	25.1	169.3	152.0	88	91	22.2	154.2	408.4	982.5	31.8
3634	ELECTRIC HOUSEWARES AND FANS . . .	32.6	7.2	25.4	314.3	302.8	88	91	44.6	241.1	590.4	1 112.0	24.6
3635	HOUSEHOLD VACUUM CLEANERS.	9.7	1.5	8.1	74.3	67.7	80	85	9.2	58.8	181.4	293.2	6.5
3636	SEWING MACHINES.	9.3	.3	9.0	55.2	52.7	95-100	93	6.4	49.3	94.1	123.6	5.6
3639	HOUSEHOLD APPLIANCES, NEC.	18.3	5.4	12.9	103.6	78.0	93	76	13.4	90.9	217.7	479.9	10.7
364	ELEC. LIGHTING, WIRING EQUIP	159.7	39.3	120.5	949.7	864.3	(NA)	(NA)	157.1	950.4	2 214.1	13 850.3	130.9
3641	ELECTRIC LAMPS	31.1	3.4	27.7	110.1	114.5	95	96	29.5	169.9	533.4	781.8	48.2
3643	CURRENT-CARRYING WIRING DEVICES. .	52.2	13.8	38.4	251.9	213.7	83	81	40.1	234.4	507.4	1 593.6	29.8
3644	NONCURRENT-CARRYING WIRING DEVICES. .	25.2	6.3	18.9	186.8	175.9	81	78	22.9	158.1	344.7	837.0	20.2
3645	RESIDENTIAL LIGHTING FIXTURES. . .E1	13.7	3.9	9.8	137.7	123.8	97	93					
3646	COMMERCIAL LIGHTING FIXTURES	13.7	3.6	10.1	127.5	116.2	90	91	64.6	388.0	828.6	1 593.6	32.7
3647	VEHICULAR LIGHTING EQUIPMENT	7.2	.5	6.8	50.3	42.7	68	94					
3648	LIGHTING EQUIPMENT, NEC.	16.6	7.8	8.9	85.5	77.7	86	79					
365	RADIO, TV RECEIVING EQUIPMENT. . . .	75.5	25.1	50.5	732.4	636.5	(NA)	(NA)	130.2	720.1	1 586.7	14 122.7	93.2
3651	RADIO AND TV RECEIVING SETS.	58.6	21.4	37.2	664.9	565.5	95	99	116.7	643.6	1 404.5	3 846.3	86.1
3652	PHONO, RECORDS, PRERECORDED TAPE .E1	16.9	3.7	13.3	67.5	71.0	98	99	13.6	76.6	182.3	276.4	7.1
366	COMMUNICATION EQUIPMENT.	381.4	72.1	309.3	2 937.3	2 865.6	(NA)	(NA)	525.3	4 396.7	6 992.5	11 147.0	356.9
3661	TELEPHONE AND TELEGRAPH APPARATUS. .	169.2	20.1	149.1	856.1	758.3	91	99	115.4	827.9	1 536.7	2 591.2	110.9
3662	RADIO AND TV COMMUNICATION EQUIP . .	212.2	51.9	160.3	2 081.2	2 107.2	91	91	409.9	3 568.8	5 455.8	8 555.8	246.0
367	ELECTRONIC COMPONENTS, ACCESS. . .	343.4	56.7	286.7	1 494.9	1 514.2	(NA)	(NA)	403.4	2 435.3	4 359.2	17 452.7	373.3
3671	ELECTRON TUBES, RECEIVING TYPE . . .	1.8	.3	1.6	23.9	23.2	83	94	21.0	118.3	224.7	300.6	7.0
3672	CATHODE RAY TV PICTURE TUBES	26.2	6.1	20.1	66.3	55.8	91	98	27.6	172.5	462.5	832.3	46.0
3673	ELECTRON TUBES, TRANSMITTING	13.5	2.0	11.5	102.8	99.8	68	84	18.2	145.8	239.6	369.4	13.1
3674	SEMICONDUCTORS, RELATED DEVICES. . .	170.5	24.8	145.7	502.8	537.9	89	92	85.4	545.1	820.0	1 141.0	131.1
3675	ELECTRONIC CAPACITORS	13.4	1.5	11.9	99.6	89.4	90	87					
3676	ELECTRONIC RESISTORS	10.4	1.8	8.6	62.7	56.3	90	74					
3677	ELECTRONIC COILS AND TRANSFORMERS. .	8.8	3.4	5.4	59.3	52.3	87	79	251.3	1 453.6	2 234.1	4 809.4	176.1
3678	ELECTRONIC CONNECTORS.	12.2	1.2	10.9	95.5	91.2	87	81					
3679	ELECTRONIC COMPONENTS, NEC	86.7	15.6	71.1	481.9	508.2	72	80					
369	MISC. ELEC. EQUIPMENT, SUPPLIES. . .	93.5	20.0	73.5	631.9	564.2	(NA)	(NA)	107.2	715.0	1 493.9	12 773.7	103.6
3691	STORAGE BATTERIES.	30.8	9.7	21.1	133.7	123.2	98	99	19.3	133.3	259.2	577.5	14.8
3692	PRIMARY BATTERIES, DRY AND WET . . .	7.2	.8	6.4	63.2	58.5	95	98	11.0	61.0	188.7	307.6	20.2
3693	X-RAY APPARATUS AND TUBES.	8.1	2.5	5.6	106.9	87.2	95	92	7.9	63.3	135.7	233.7	11.2
3694	ENGINE ELECTRICAL EQUIPMENT.	30.8	3.1	27.6	245.2	220.8	79	87	55.4	387.4	766.0	1 364.7	45.9
3699	ELECTRICAL EQUIP., SUPPLIES, NEC .E2	16.7	4.0	12.7	82.9	74.6	91	52	13.6	70.0	144.4	290.8	11.5
37	TRANSPORTATION EQUIPMENT	2 660.2	342.9	2 317.3	15 705.4	14 523.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
371	MOTOR VEHICLES AND EQUIPMENT	2 093.2	171.9	1 921.3	4 726.0	4 137.3	(NA)	(NA)	739.4	5 929.9	13 666.1	140 339.8	870.5
3711	MOTOR VEHICLES AND CAR BODIES. . . .	917.2	66.9	850.3	2 183.9	1 857.2	96	100	321.2	2 699.9	7 353.6	27 296.0	263.2
3713	TRUCK AND BUS BODIES	48.3	22.1	26.2	301.7	255.0	90	91	30.4	192.2	331.7	706.1	13.0
3714	MOTOR VEHICLE PARTS, ACCESSORIES . . .	1 113.1	78.5	1 034.6	2 049.6	1 858.1	94	86	364.9	2 890.7	5 712.0	11 623.8	572.0
3715	TRUCK TRAILERS	14.6	4.4	10.2	190.9	167.0	96	94	22.9	147.1	268.8	713.9	22.3
372	AIRCRAFT AND PARTS	169.0	29.2	139.8	8 420.7	8 097.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3721	AIRCRAFT	57.1	10.1	47.0	6 375.3	6 160.4	86	96	386.8	3 569.0	5 447.6	11 079.8	408.2
3724	AIRCRAFT ENGINES AND ENGINE PARTS. .	73.0	10.3	62.7	868.2	834.2	87	94	(NA)	(NA)	(NA)	(NA)	(NA)
3728	AIRCRAFT EQUIPMENT, NEC.	38.9	8.8	30.1	1 177.2	1 102.9	77	66	(NA)	(NA)	(NA)	(NA)	(NA)
373	SHIP, BOAT BUILDING, REPAIRING	179.1	76.8	102.3	931.0	731.9	(NA)	(NA)	169.3	1 239.0	1 705.1	13 089.6	86.1
3731	SHIP BUILDING AND REPAIRING.	142.0	59.8	82.1	721.3	552.1	98	98	138.8	1 076.0	1 430.4	2 518.2	70.3
3732	BOAT BUILDING AND REPAIRING.E2	37.2	17.0	20.2	209.7	179.8	97	96	30.5	163.0	274.8	571.4	15.8
3743	RAILROAD EQUIPMENT	55.3	17.4	38.0	459.3	468.3	92	95	56.6	426.7	787.9	2 110.6	40.5
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	16.0	4.3	11.6	128.8	101.1	81	95	12.0	70.3	136.2	299.6	5.5
376	GUIDED MISSILES, SPACE VEHICLES. . .	92.3	20.9	71.4	728.4	708.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3761	GUIDED MISSILES, SPACE VEHICLES. . .	62.9	14.7	48.2	463.0	463.9	89	95	201.4	2 098.7	3 338.8	4 640.5	111.4
3764	SPACE PROPULSION UNITS AND PARTS . .	18.4	5.2	13.2	174.2	164.1	91	87	(NA)	(NA)	(NA)	(NA)	(NA)
3769	SPACE VEHICLE EQUIPMENT, NEC	11.0	1.0	10.0	91.2	80.4	79	68	(NA)	(NA)	(NA)	(NA)	(NA)
379	MISC. TRANSPORTATION EQUIPMENT . .	55.2	22.4	32.9	311.0	278.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3792	TRAVEL TRAILERS AND CAMPERS.E2	35.2	15.0	20.2	161.7	134.6	92	94	(NA)	(NA)	(NA)	(NA)	(NA)
3795	TANKS AND TANK COMPONENTS.	3.1	.7	2.5	35.8	46.7	95	77	(NA)	(NA)	(NA)	(NA)	(NA)
3799	TRANSPORTATION EQUIPMENT, NEC. . . .	16.9	6.7	10.2	113.5	97.1	93	74	(NA)	(NA)	(NA)	(NA)	(NA)
38	INSTRUMENTS, RELATED PRODUCTS. . .	480.8	124.3	355.7	3 106.8	2 920.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3811	ENGINEERING, SCIENTIFIC INSTRU . . .	19.0	4.5	14.5	262.3	264.6	86	72	46.1	327.1	617.4	1 000.8	21.8
382	MEASURING, CONTROLLING DEVICES . . .	104.8	27.7	77.2	1 023.8	968.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3822	ENVIRONMENTAL CONTROLS	17.1	3.1	14.0	141.3	132.4	86	90	31.4	210.8	419.7	618.0	13.2
3823	PROCESS CONTROL INSTRUMENTS.	29.7	16.8	18.9	281.4	262.3	83						

See footnotes at end of table.

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972									
		Companies	Establishments		All employees		Production workers			Value added by manufac- ture	Value of shipments
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages		
38	INSTRUMENTS, RELATED PRODUCTS-- CONTINUED										
384	MEDICAL INSTRUMENTS, SUPPLIES. . .	1 578	1 807	562	90.8	757.7	62.6	122.7	417.2	1 821.3	2 824.5
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	449	506	199	34.5	282.4	24.3	48.0	161.1	630.0	961.8
3842	SURGICAL APPLIANCES AND SUPPLIES . .	780	872	256	43.9	365.3	29.8	58.1	197.8	929.0	1 453.5
3843	DENTAL EQUIPMENT AND SUPPLIES. . . .	385	429	107	12.4	110.0	8.5	16.6	56.3	262.3	409.2
3851	OPHTHALMIC GOODS	445	499	125	26.6	183.4	20.5	39.8	129.9	416.3	568.3
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES . .	554	627	225	96.0	1 119.7	56.0	107.0	545.8	4 087.9	5 623.9
3873	WATCHES, CLOCKS, AND WATCHCASES. . .	184	202	99	30.8	230.3	24.7	47.6	153.8	466.0	937.2
39	MISC. MANUFACTURING INDUSTRIES.E1	14 559	15 187	3 754	445.6	3 179.8	349.9	660.9	2 084.4	6 768.7	12 173.2
391	JEWELRY, SILVER AND PLATED WARE.E1	2 243	2 296	473	53.2	424.5	40.2	76.4	265.9	850.8	1 812.5
3911	JEWELRY, PRECIOUS METAL.E1	1 497	1 524	315	32.6	267.2	23.8	44.6	155.8	536.0	1 124.6
3914	SILVERWARE AND PLATED WARE	188	205	71	12.6	101.7	9.7	19.3	73.7	198.5	364.7
3915	JEWELERS' MATS., LAPIDARY WORK . .E1	567	567	87	8.0	55.7	6.7	12.5	36.3	116.4	323.3
3931	MUSICAL INSTRUMENTS.	310	344	111	24.5	173.4	19.7	38.3	123.9	339.3	617.5
394	TOYS AND SPORTING GOODS.	2 283	2 460	852	132.7	880.9	106.4	201.6	599.4	1 999.3	3 662.6
3942	DOLLS.	237	243	105	10.2	54.0	9.0	16.2	38.6	98.3	199.1
3944	GAMES, TOYS, CHILDREN'S VEHICLES . .	619	664	284	61.5	421.0	48.3	91.9	269.1	980.6	1 734.3
3949	SPORTING AND ATHLETIC GOODS, NEC . .	1 441	1 553	463	61.0	405.9	49.1	93.5	291.7	920.4	1 729.2
395	PENS, OFFICE AND ART GOODS	893	966	264	31.7	244.3	22.9	45.3	145.1	556.8	926.7
3951	PENS AND MECHANICAL PENCILS	112	117	64	10.9	81.9	8.5	16.4	52.6	213.7	310.5
3952	LEAD PENCILS AND ART GOODS	136	144	49	7.1	50.0	5.1	10.4	28.6	108.2	198.8
3953	MARKING DEVICES.E2	584	621	99	8.1	63.2	5.5	10.7	36.0	121.5	180.0
3955	CARBON PAPER AND INKED RIBBONS . . .	70	84	52	5.7	49.1	3.8	7.8	27.9	113.4	237.5
396	COSTUME JEWELRY AND NOTIONS. . .E1	1 445	1 482	437	50.4	323.1	41.1	77.4	212.3	719.6	1 248.7
3961	COSTUME JEWELRY.E1	764	766	208	21.4	132.1	17.6	32.1	82.2	275.7	471.6
3962	ARTIFICIAL FLOWERSE2	261	263	53	4.8	26.7	4.2	7.3	18.0	57.5	108.7
3963	BUTTONS.E1	180	186	51	4.0	26.7	3.2	6.0	17.6	51.8	93.7
3964	NEEDLES, PINS, AND FASTENERS	244	267	125	20.2	137.7	16.1	32.0	94.6	334.5	574.7
399	MISCELLANEOUS MANUFACTURES	7 445	7 639	1 617	153.0	1 133.6	119.5	221.9	737.9	2 302.8	3 905.2
3991	BROOMS AND BRUSHES	430	450	166	17.5	118.5	14.2	26.8	79.5	235.5	438.3
3993	SIGNS AND ADVERTISING DISPLAYS . .E1	3 221	3 287	637	49.8	415.9	37.5	68.3	251.6	747.7	1 198.1
3995	BURIAL CASKETS	474	515	189	14.8	109.3	11.8	22.6	72.0	210.3	391.9
3996	HARD SURFACE FLOOR COVERINGS	18	20	11	5.8	59.4	4.6	9.7	44.7	212.0	342.3
3999	MANUFACTURING INDUSTRIES, NEC. . .E1	3 309	3 367	614	65.1	430.5	51.4	94.5	280.1	897.2	1 534.7
--	ADMINISTRATIVE AND AUXILIARY ³ . .	-	8 039	4 245	994.3	13 772.3	-	-	-	-	-

Note: In 1972, the payroll and sales data for small establishments (generally single-unit companies with less than 10 employees) were obtained from administrative records of other government agencies instead of from a Census report form. These data were then used in conjunction with industry averages to estimate the balance of the items shown in the table for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time the data were tabulated. The following symbols are shown for those size classes where administrative records data were used and account for 10 percent or more of the figures shown:

E1--10 to 19 percent

E3--30 to 39 percent

E5--50 to 59 percent

E7--70 to 79 percent

E9--90 to 99 percent

E2--20 to 29 percent

E4--40 to 49 percent

E6--60 to 69 percent

E8--80 to 89 percent

E0--100 percent

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹The total value of shipments for industry groups (2- and 3-digit) and a few individual industries (4-digit) includes extensive duplication arising from shipments between establishments in the same industry classification.

²Establishments in this industry reported value of production instead of value of shipments. Consequently, the formula for computing value added by manufacture was modified to exclude any change in finished product inventories between the beginning and end of the year.

³Value added data include government-owned, contractor-operated plants which were estimated based upon averages reported for commercial establishments in prior years. Cost of materials data exclude government-owned materials furnished to government-owned, contractor-operated plants and include fuel and electricity purchased by or for

TABLE 3. General Statistics for Establishments by Industry Group and Industry: 1972 and 1967—Continued

(See appendix, Explanation of Terms)

1972 code	Industry group and industry	1972—Continued								1967				
		Capital expenditures, new ⁴			Inventories end of—		Special- ization ratio	Cover- age ratio	All employees		Value added by manufac- ture	Value of shipments	Capital ex- pendi- tures, new	
		Total	Structures and additions to plant	Machinery and equipment	1972	1971			Number	Payroll				
														(million dollars)
38	INSTRUMENTS, RELATED PRODUCTS-- CONTINUED													
384	MEDICAL INSTRUMENTS, SUPPLIES. . .	104.4	38.9	65.5	561.1	511.8	(NA)	(NA)	67.4	427.3	965.6	¹ 533.8	53.5	
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	42.0	16.0	26.0	203.6	187.0	90	82	22.0	139.6	297.4	475.4	18.5	
3842	SURGICAL APPLIANCES AND SUPPLIES . .	47.5	16.5	31.0	265.6	243.2	79	90	35.2	220.3	527.2	837.9	30.5	
3843	DENTAL EQUIPMENT AND SUPPLIES. . . .	14.9	6.3	8.6	91.9	81.7	93	94	10.2	67.4	141.0	220.5	4.5	
3851	OPHTHALMIC GOODS	17.4	3.2	14.1	160.0	134.3	88	97	25.6	143.4	284.4	426.0	14.5	
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES . .	202.9	39.8	163.1	751.1	720.6	95	96	94.9	820.2	2 480.7	3 664.5	217.9	
3873	WATCHES, CLOCKS, AND WATCHCASES. . .	18.8	7.7	11.1	187.1	183.0	87	95	35.2	209.0	392.9	¹ 802.1	10.4	
39	MISC. MANUFACTURING INDUSTRIES.E1	313.6	92.6	221.0	2 259.6	2 102.9	(NA)	(NA)	423.1	2 291.0	4 599.4	¹ 8 310.7	213.5	
391	JEWELRY, SILVER AND PLATED WARE.E1	21.9	6.3	15.6	453.1	490.1	(NA)	(NA)	52.3	319.8	640.9	¹ 1 299.0	14.1	
3911	JEWELRY, PRECIOUS METAL.E1	10.3	3.8	6.5	288.6	259.7	92	96	29.9	182.6	352.7	741.8	5.9	
3914	SILVERWARE AND PLATED WARE	6.3	1.2	5.1	102.4	98.1	94	97	14.9	95.8	198.0	339.1	5.7	
3915	JEWELERS' MTS., LAPIDARY WORK . .E1	5.3	1.3	4.0	62.1	51.3	95	86	7.4	41.5	90.2	218.1	2.5	
3931	MUSICAL INSTRUMENTS.	10.6	2.9	7.8	151.6	134.5	97	99	24.9	143.7	237.8	434.3	10.6	
394	TOYS AND SPORTING GOODS.	121.2	40.4	80.8	704.0	665.4	(NA)	(NA)	115.9	559.0	1 205.3	¹ 2 208.3	62.1	
3942	DOLLS.	1.7	.4	1.4	30.9	29.0	99	68	11.9	46.4	82.8	162.8	2.4	
3944	GAMES, TOYS, CHILDREN'S VEHICLES . .	72.7	22.7	50.0	295.1	289.7	86	92	58.8	284.3	653.0	1 192.2	37.2	
3949	SPORTING AND ATHLETIC GOODS, NEC . .	46.7	17.3	29.4	377.9	346.7	89	94	45.2	228.3	469.5	853.3	22.5	
395	PENS, OFFICE AND ART GOODS	19.8	4.2	15.5	158.5	144.6	(NA)	(NA)	34.7	200.1	412.1	¹ 723.7	23.0	
3951	PENS AND MECHANICAL PENCILS	7.6	.9	6.7	56.8	48.5	92	91	11.8	62.8	140.5	211.8	6.8	
3952	LEAD PENCILS AND ART GOODS	3.9	.8	3.1	43.9	42.3	83	88	7.9	42.2	79.8	158.9	4.6	
3953	MARKING DEVICES.E2	2.6	.6	2.0	21.1	18.7	90	91	8.5	53.3	98.1	146.3	6.4	
3955	CARBON PAPER AND INKED RIBBONS . . .	5.7	1.9	3.8	36.7	35.0	90	61	6.5	41.8	93.8	206.8	5.3	
396	COSTUME JEWELRY AND NOTIONS. . .E1	33.5	9.0	24.5	195.7	191.5	(NA)	(NA)	51.6	251.9	528.0	¹ 927.3	21.7	
3961	COSTUME JEWELRY.E1	6.7	2.2	4.5	67.8	66.7	93	90	22.4	106.9	220.5	376.5	4.4	
3962	ARTIFICIAL FLOWERSE2	3.3	1.2	2.0	21.3	19.5	93	92	5.2	20.2	43.3	84.7	.7	
3963	BUTTONS.E1	2.3	.2	2.2	12.7	12.1	94	81	4.8	23.7	46.1	80.8	1.2	
3964	NEEDLES, PINS, AND FASTENERS	21.2	5.4	15.8	94.0	93.2	94	92	19.2	101.1	218.1	385.3	15.3	
399	MISCELLANEOUS MANUFACTURES	106.6	29.8	76.8	596.6	557.8	(NA)	(NA)	143.8	816.4	1 575.2	¹ 2 718.0	81.0	
3991	BROOMS AND BRUSHES	13.0	2.5	10.5	98.5	93.9	92	94	17.3	88.3	192.9	371.8	10.7	
3993	SIGNS AND ADVERTISING DISPLAYS . .E1	30.6	8.7	22.0	129.5	116.6	98	97	47.8	309.3	546.6	875.1	23.0	
3995	BURIAL CASKETS	8.8	1.9	6.8	57.9	59.5	99	99	16.1	90.1	161.7	306.1	4.2	
3996	HARD SURFACE FLOOR COVERINGS	14.0	3.9	10.2	49.7	43.0	88	99	6.0	43.5	133.4	221.7	20.6	
3999	MANUFACTURING INDUSTRIES, NEC. . .E1	40.2	12.9	27.2	261.0	247.9	91	92	56.6	284.4	540.6	943.3	23.5	
--	ADMINISTRATIVE AND AUXILIARY ⁵ . .	-	-	-	-	-	(X)	(X)	830.9	8 727.9	-	-	-	

the establishments. Value of shipments data include a calculated value of shipments for government-owned, contractor-operated plants comprised of adjusted value added plus the cost of fuels and electric energy. Capital expenditures, new, include expenditures for plants under construction but not in operation. Capital expenditures of government-owned, contractor-operated plants are excluded from the totals for the industry.

⁴Includes expenditures for plants in operation and for plants under construction but not yet in operation.

⁵Government-owned, privately operated establishments did not enter into the calculation of "Primary product specialization ratio" or "Coverage ratio" as all other dollar receipts for these establishments were included in "Miscellaneous receipts."

⁶The value of shipments and cost of materials for this industry include substantial duplication; therefore, the specialization ratios and coverage ratios were not calculated.

⁷Relationships are not meaningful because of the predominance of receipts for contract and commission work on materials owned by others. Such receipts are treated as primary products for this industry.

⁸Establishments in this industry were requested to report value of work done instead of value of shipments. Consequently, the formula for computing value added by manufacture was not adjusted for any inventory change between the beginning and end of the year.

⁹In 1972 and 1967, in addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns reported separately for central administrative offices or auxiliary units which serve the manufacturing establishments of a company (e.g., storage warehouses, power plants, research laboratories, garages, repair shops, etc.) rather than the general public. Separate reports were obtained if these units were at different general locations from the establishments served or if they serviced more than one manufacturing establishment. The figures shown for these units do not represent a separate industry but rather a balancing total for all manufacturing industries.

TABLE 4. Selected Statistics on Central Administrative Offices and Auxiliaries, by Major Industry Group of Establishments Serviced: 1972

1972 code	Major industry group and central administrative offices and auxiliaries	Estab- lishments (number)	Employees (1,000)	Total payroll (million dollars)	1972 code	Major industry group and central administrative offices and auxiliaries	Estab- lishments (number)	Employees (1,000)	Total payroll (million dollars)
--	Manufacturing, total ¹	8,039	994.3	13,772.3	30	Rubber and miscellaneous plastics products.....	149	17.4	216.7
	Central administrative offices.....	5,581	736.2	10,220.8		Central administrative offices.....	114	16.2	204.8
	Research, development, and testing.....	679	174.3	2,665.6		Research, development, and testing..	6	(D)	(D)
	Warehousing.....	1,017	30.6	230.2		Warehousing.....	22	.4	2.7
	Electronic data processing.....	66	9.9	130.8		Electronic data processing.....	2	(D)	(D)
	Other activities.....	696	43.5	524.9		Other activities.....	5	.1	1.1
20	Food and kindred products.....	1,270	93.7	1,177.8	31	Leather and leather products.....	115	12.1	116.9
	Central administrative offices.....	872	80.6	1,049.1		Central administrative offices.....	85	8.8	97.0
	Research, development, and testing..	57	4.9	55.8		Warehousing.....	24	3.2	18.4
	Warehousing.....	191	4.7	37.8		Other industries.....	6	.1	1.5
	Electronic data processing.....	6	.2	1.9					
	Other activities.....	144	3.2	33.2					
21	Tobacco manufactures.....	67	8.0	93.6	32	Stone, clay, and glass products.....	530	37.5	488.2
	Central administrative offices.....	44	7.2	84.4		Central administrative offices.....	394	29.3	391.8
	Research, development, and testing..	4	(D)	(D)		Research, development, and testing..	34	4.8	62.4
	Warehousing.....	17	.2	1.3		Warehousing.....	53	1.3	10.5
	Other activities.....	2	(D)	(D)		Other activities.....	49	2.1	23.5
22	Textile mill products.....	338	31.2	362.0	33	Primary metal industries.....	359	42.5	618.3
	Central administrative offices.....	249	24.8	304.2		Central administrative offices.....	233	36.9	544.8
	Research, development, and testing..	18	(D)	(D)		Research, development, and testing..	40	4.1	55.9
	Warehousing.....	43	1.7	11.9		Warehousing.....	55	.9	8.2
	Electronic data processing.....	3	(D)	(D)		Electronic data processing.....	4	.3	2.7
	Other activities.....	25	2.8	26.3		Other activities.....	27	.4	6.8
23	Apparel and other textile products...	414	25.7	266.1	34	Fabricated metal products.....	526	40.3	525.4
	Central administrative offices.....	300	20.9	233.2		Central administrative offices.....	389	33.2	442.5
	Research, development, and testing..	6	.3	3.0		Research, development, and testing..	31	3.9	52.1
	Warehousing.....	76	3.9	24.5		Warehousing.....	80	1.8	14.3
	Other activities.....	32	.6	5.3		Electronic data processing.....	4	.3	3.3
24	Lumber and wood products.....	275	12.4	145.7		Other activities.....	22	1.1	13.2
	Central administrative offices.....	204	11.1	132.5	35	Machinery, except electrical.....	665	102.3	1,524.6
	Research, development, and testing..	11	.5	6.4		Central administrative offices.....	453	84.1	1,266.0
	Warehousing.....	35	.3	3.0		Research, development, and testing..	65	11.8	185.5
	Electronic data processing.....	1	(D)	(D)		Warehousing.....	74	2.2	20.6
	Other activities.....	24	(D)	(D)		Electronic data processing.....	8	1.0	13.4
25	Furniture and fixtures.....	115	6.5	80.9		Other activities.....	65	3.3	39.2
	Central administrative offices.....	85	6.1	77.6	36	Electric and electronic equipment....	605	138.8	2,000.4
	Research, development, and testing..	1	(D)	(D)		Central administrative offices.....	395	77.5	1,145.0
	Warehousing.....	20	.2	1.2		Research, development, and testing..	86	44.8	656.9
	Electronic data processing.....	2	(D)	(D)		Warehousing.....	66	2.4	17.4
	Other activities.....	7	.1	1.0		Electronic data processing.....	16	4.9	69.4
26	Paper and allied products.....	247	34.4	473.4		Other activities.....	42	9.2	111.7
	Central administrative offices.....	187	31.4	435.3	37	Transportation equipment.....	381	96.2	1,646.6
	Research, development, and testing..	26	1.9	25.7		Central administrative offices.....	233	51.8	870.4
	Warehousing.....	15	.4	3.4		Research, development, and testing..	51	40.0	727.6
	Electronic data processing.....	1	(D)	(D)		Warehousing.....	14	(D)	(D)
	Other activities.....	18	(D)	(D)		Electronic data processing.....	3	(D)	(D)
27	Printing and publishing.....	470	29.0	330.9		Other activities.....	80	3.0	34.1
	Central administrative offices.....	347	21.8	260.9	38	Instruments and related products.....	149	27.6	391.7
	Research, development, and testing..	6	(D)	(D)		Central administrative offices.....	93	16.2	223.5
	Warehousing.....	41	2.9	20.0		Research, development, and testing..	20	4.0	67.4
	Electronic data processing.....	6	(D)	(D)		Warehousing.....	19	.4	2.3
	Other activities.....	70	3.4	40.9		Electronic data processing.....	1	(D)	(D)
28	Chemicals and allied products.....	978	158.5	2,177.7		Other activities.....	16	(D)	(D)
	Central administrative offices.....	623	113.1	1,552.7	39	Miscellaneous manufacturing industries.....	141	10.4	136.5
	Research, development, and testing..	173	38.4	548.0		Central administrative offices.....	94	8.3	109.9
	Warehousing.....	136	1.6	12.8		Research, development, and testing..	5	(D)	(D)
	Electronic data processing.....	5	.4	3.5		Warehousing.....	32	.9	9.8
	Other activities.....	41	5.0	60.7		Electronic data processing.....	-	-	-
29	Petroleum and coal products.....	245	70.0	996.2		Other activities.....	10	(D)	(D)
	Central administrative offices.....	187	56.8	792.6					
	Research, development, and testing..	39	11.3	173.4					
	Warehousing.....	4	(D)	(D)					
	Electronic data processing.....	4	(D)	(D)					
	Other activities.....	11	.6	10.7					

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

¹Preliminary data are represented in this table. Final data will appear in the 1972 Enterprise Statistics publication ES72-2.

TABLE 5. Detailed Statistics by Major Industry Group: 1972

(See appendix, Explanation of Terms)

Item	United States, total	Food and kindred products (SIC 20)	Tobacco manufactures (SIC 21)	Textile mill products (SIC 22)	Apparel and other textile products (SIC 23)	Lumber and wood products (SIC 24)	Furniture and fixtures (SIC 25)	Paper and allied products (SIC 26)	Printing and publishing (SIC 27)
ESTABLISHMENTS, TOTALNUMBER .	320 701	28 183	272	7 201	24 438	33 949	9 233	6 138	42 103
WITH 1 TO 19 EMPLOYEES.DO .	206 515	15 858	118	2 698	12 212	27 081	5 586	2 082	33 484
WITH 20 TO 99 EMPLOYEESDO .	77 964	8 421	63	2 331	8 731	5 230	2 561	2 232	6 795
WITH 100 EMPLOYEES OR MORE.DO .	36 222	3 904	91	2 172	3 495	1 629	1 086	1 754	1 824
ALL EMPLOYEES, AVERAGE FOR YEAR1,000 .	19 026.8	1 569.3	66.3	952.6	1 368.3	691.0	462.0	633.4	1 056.5
PAYROLL FOR YEAR, ALL EMPLOYEESMILLION DOLLARS .	174 186.7	12 920.2	502.1	6 051.0	7 212.0	4 985.6	3 295.4	5 992.1	9 831.2
PRODUCTION WORKERS:									
AVERAGE FOR YEAR.1,000 .	13 526.5	1 085.3	57.4	836.1	1 198.3	601.1	384.1	498.8	637.6
MARCHDO .	13 171.1	1 019.8	55.3	822.2	1 192.1	573.5	373.6	491.8	635.2
MAYDO .	13 378.6	1 036.0	52.9	828.8	1 189.2	598.8	378.5	496.8	635.6
AUGUST.DO .	13 689.7	1 184.0	61.0	841.7	1 200.3	625.1	387.4	502.4	634.9
NOVEMBER.DO .	13 867.5	1 101.5	60.5	852.1	1 211.6	607.1	396.6	504.2	644.5
MAN-HOURSMILLIONS .	26 696.7	2 166.8	106.8	1 725.8	2 161.1	1 167.8	756.1	1 040.5	1 181.1
JANUARY-MARCHDO .	6 478.4	506.5	25.9	423.9	536.0	273.2	183.8	256.9	290.7
APRIL-JUNE.DO .	6 715.0	522.8	24.7	438.0	545.5	297.1	189.0	260.9	294.9
JULY-SEPTEMBER.DO .	6 619.2	586.3	27.2	420.5	532.0	316.6	186.2	257.6	293.7
OCTOBER-DECEMBER.DO .	6 885.2	551.2	29.0	443.6	547.6	290.8	197.1	265.0	301.8
WAGESMILLION DOLLARS .	105 494.7	8 007.0	400.9	4 806.9	5 461.1	3 934.9	2 323.6	4 320.2	5 462.6
COST OF MATERIALS, ETC., TOTAL.DO .	407 395.4	79 793.0	3 281.1	16 499.4	14 532.0	13 605.7	5 335.1	15 240.5	10 044.3
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMEDDO .	361 901.2	72 004.2	2 948.2	14 730.8	10 745.1	11 993.7	4 810.6	13 803.3	7 299.9
COST OF RESALES.DO .	21 802.9	6 628.5	296.8	404.3	512.0	605.3	353.9	391.1	345.3
FUELS CONSUMED.DO .	6 128.1	522.0	9.4	180.6	55.8	175.5	30.5	621.5	40.8
PURCHASED ELECTRIC ENERGYDO .	5 850.6	483.2	11.6	281.1	103.0	163.1	55.5	347.6	136.8
CONTRACT WORKDO .	11 712.8	155.2	15.2	902.5	3 116.1	668.1	75.6	77.1	2 212.6
VALUE OF SHIPMENTS, INCLUDING RESALESDO .	756 466.9	115 051.5	5 920.2	28 063.0	27 809.2	23 829.7	11 320.3	28 261.9	37 146.4
VALUE OF RESALES.DO .	27 428.0	7 803.1	305.1	472.9	703.7	718.3	433.7	487.1	481.6
VALUE ADDED BY MANUFACTURE.DO .	353 973.4	35 614.8	2 637.2	11 715.8	13 487.5	10 310.2	6 097.1	13 064.1	20 209.5
MANUFACTURERS' INVENTORIES:									
BEGINNING OF YEAR, TOTAL.DO .	103 034.3	9 565.1	2 217.5	3 750.6	3 538.5	2 459.7	1 561.3	2 844.0	2 248.3
FINISHED PRODUCTSDO .	34 547.0	5 679.6	109.0	1 473.3	1 561.6	947.9	473.5	1 087.2	834.3
WORK IN PROCESSDO .	34 702.4	808.0	36.4	1 111.9	704.2	514.9	400.6	313.6	578.4
MATERIALS, SUPPLIES, FUEL, ETC.DO .	33 784.1	3 204.2	2 072.1	1 165.4	1 272.6	996.9	687.2	1 443.2	835.6
END OF YEAR, TOTAL.DO .	108 939.3	10 025.5	2 493.3	3 940.6	3 788.8	2 601.2	1 754.4	2 911.4	2 340.3
FINISHED PRODUCTSDO .	35 603.8	5 679.6	141.4	1 476.1	1 641.5	939.8	511.6	1 094.1	879.9
WORK IN PROCESSDO .	37 387.5	895.1	34.5	1 180.6	758.3	564.1	451.9	330.4	612.9
MATERIALS, SUPPLIES, FUEL, ETC.DO .	35 947.6	3 450.7	2 317.4	1 283.9	1 389.0	1 097.3	790.9	1 478.0	847.5
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTALDO .	25 374.4	2 459.5	135.8	1 221.2	388.2	1 000.4	320.7	1 385.5	1 132.8
NEW PLANT AND EQUIPMENT, TOTAL.DO .	24 073.1	2 355.0	133.2	1 127.4	363.5	931.2	306.2	1 335.3	1 047.7
NEW STRUCTURES AND ADDITIONS TO PLANTDO .	5 369.8	608.8	53.0	217.9	101.8	227.2	115.7	197.5	245.7
NEW MACHINERY AND EQUIPMENTDO .	18 703.3	1 746.2	80.2	909.5	261.7	704.0	190.4	1 137.8	802.0
USED PLANT AND EQUIPMENT.DO .	1 296.7	104.5	2.6	93.8	24.7	69.2	14.5	50.3	85.1

TABLE 5. Detailed Statistics by Major Industry Group: 1972—Continued

(See appendix, Explanation of Terms)

Item	Chemicals and allied products (SIC 28)	Petroleum and coal products (SIC 29)	Rubber and miscellaneous plastics products (SIC 30)	Leather and leather products (SIC 31)	Stone, clay, and glass products (SIC 32)	Primary metal industries (SIC 33)	Fabricated metal products (SIC 34)	Machinery, except electrical (SIC 35)	Electric and electronic equipment (SIC 36)
ESTABLISHMENTS, TOTALNUMBER .	11 425	2 016	9 237	3 201	16 015	6 792	29 525	40 792	12 270
WITH 1 TO 19 EMPLOYEESDO .	6 994	1 296	5 049	1 544	10 714	2 891	17 849	30 193	6 538
WITH 20 TO 99 EMPLOYEESDO .	3 003	456	2 871	885	4 035	2 207	8 576	7 673	3 198
WITH 100 EMPLOYEES OR MOREDO .	1 428	264	1 317	772	1 266	1 694	3 100	2 926	2 534
ALL EMPLOYEES, AVERAGE FOR YEAR1,000 .	836.5	139.5	617.7	273.4	623.2	1 142.8	1 493.3	1 827.7	1 661.3
PAYROLL FOR YEAR, ALL EMPLOYEESMILLION DOLLARS .	8 730.5	1 637.5	5 165.2	1 589.3	5 546.9	12 166.5	13 820.6	18 523.3	15 189.0
PRODUCTION WORKERS:									
AVERAGE FOR YEAR1,000 .	525.0	97.9	486.8	240.4	492.6	922.7	1 148.0	1 266.9	1 160.0
MARCHDO .	518.7	94.1	469.4	237.2	471.1	897.7	1 116.9	1 235.1	1 124.5
MAYDO .	524.4	98.7	478.3	241.0	492.5	922.6	1 136.1	1 254.1	1 139.7
AUGUSTDO .	527.6	100.8	492.7	245.3	506.8	927.8	1 154.5	1 265.3	1 164.3
NOVEMBERDO .	529.4	98.1	506.8	238.3	499.9	942.6	1 184.3	1 313.2	1 211.2
MAN-HOURSMILLIONS .	1 053.7	200.5	968.3	449.1	998.1	1 849.9	2 302.7	2 538.3	2 273.3
JANUARY-MARCHDO .	261.5	47.3	233.1	113.3	234.9	446.4	557.1	618.4	555.0
APRIL-JUNEDO .	265.8	51.2	241.8	115.6	253.2	472.2	578.7	639.0	573.0
JULY-SEPTEMBERDO .	258.9	51.9	239.4	109.1	257.6	452.7	570.0	615.3	547.9
OCTOBER-DECEMBERDO .	267.5	50.0	254.0	111.1	252.4	478.7	597.0	665.6	597.5
WAGESMILLION DOLLARS .	4 753.9	1 064.0	3 605.0	1 230.8	4 037.3	9 202.4	9 544.4	11 358.6	8 816.4
COST OF MATERIALS, ETC., TOTALDO .	25 085.5	22 762.5	9 466.1	2 895.4	9 062.6	35 708.9	25 197.5	29 204.1	23 301.3
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMEDDO .	21 052.2	20 997.3	8 096.8	2 577.7	7 310.8	31 867.4	22 237.5	25 881.4	20 844.7
COST OF REALESDO .	1 761.6	956.1	868.1	172.3	682.4	840.1	1 512.9	1 866.9	1 622.4
FUELS CONSUMEDDO .	989.5	482.4	123.3	16.6	660.1	1 311.4	278.0	197.2	131.1
PURCHASED ELECTRIC ENERGYDO .	962.6	211.0	223.5	24.9	306.1	1 066.7	353.2	333.6	295.6
CONTRACT WORKDO .	319.7	115.8	154.5	103.9	103.3	623.3	815.9	925.0	407.2
VALUE OF SHIPMENTS, INCLUDING REALESDO .	57 349.6	28 694.7	20 923.7	5 769.5	21 537.5	58 429.7	51 739.3	65 820.7	53 394.3
VALUE OF REALESDO .	2 356.3	1 064.5	1 213.6	221.1	838.0	913.0	1 893.6	2 544.0	2 275.1
VALUE ADDED BY MANUFACTUREDO .	32 413.9	5 793.1	11 653.3	2 917.2	12 586.5	23 258.1	26 945.8	37 562.9	30 558.2
MANUFACTURERS' INVENTORIES:									
BEGINNING OF YEAR, TOTALDO .	6 926.1	2 353.5	2 345.2	717.7	2 354.1	9 175.7	7 997.4	14 207.4	9 225.9
FINISHED PRODUCTSDO .	3 478.4	1 350.9	1 239.5	316.1	1 249.0	2 690.0	2 091.9	4 402.4	2 384.0
WORK IN PROCESSDO .	1 032.8	485.3	362.4	157.0	332.4	3 106.2	2 794.7	6 115.1	4 301.5
MATERIALS, SUPPLIES, FUEL, ETC.DO .	2 414.9	517.3	743.3	244.6	772.6	3 379.6	3 110.6	3 689.8	2 539.5
END OF YEAR, TOTALDO .	7 107.1	2 223.0	2 588.8	796.1	2 490.9	9 699.1	8 344.7	15 036.8	9 725.5
FINISHED PRODUCTSDO .	3 529.3	1 226.9	1 350.9	324.5	1 314.2	2 651.6	2 187.5	4 466.7	2 575.0
WORK IN PROCESSDO .	1 057.0	459.2	406.8	184.0	359.8	3 434.3	2 997.3	6 700.1	4 451.5
MATERIALS, SUPPLIES, FUEL, ETC.DO .	2 520.9	536.8	831.1	287.5	816.9	3 413.2	3 159.9	3 870.0	2 698.8
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTALDO .	2 797.0	1 171.5	1 104.4	81.1	1 257.4	2 240.4	1 462.5	2 076.6	1 554.4
NEW PLANT AND EQUIPMENT, TOTALDO .	2 728.4	1 154.2	1 059.6	74.5	1 195.5	2 160.6	1 323.2	1 906.3	1 417.5
NEW STRUCTURES AND ADDITIONS TO PLANTDO .	498.3	625.2	243.5	19.0	222.2	418.2	292.5	428.2	295.2
NEW MACHINERY AND EQUIPMENTDO .	2 230.2	529.0	816.1	55.5	973.3	1 742.5	1 030.7	1 478.2	1 122.3
USED PLANT AND EQUIPMENTDO .	68.6	17.3	44.8	6.6	61.9	79.8	139.2	170.2	136.9

TABLE 5. Detailed Statistics by Major Industry Group: 1972—Continued

(See appendix, Explanation of Terms)			
Item	Transportation equipment (SIC 37)	Instruments and related products (SIC 38)	Miscellaneous manufacturing industries (SIC 39)
ESTABLISHMENTS, TOTALNUMBER .	8 802	5 983	15 187
WITH 1 TO 19 EMPLOYEESDO .	5 184	3 917	11 433
WITH 20 TO 99 EMPLOYEESDO .	2 140	1 306	2 827
WITH 100 EMPLOYEES OR MOREDO .	1 478	760	927
ALL EMPLOYEES, AVERAGE FOR YEAR1,000 .	1 719.0	453.2	445.6
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS .	19 860.0	4 286.2	3 179.8
PRODUCTION WORKERS:			
AVERAGE FOR YEAR1,000 .	1 246.2	291.4	349.9
MARCHDO .	1 228.9	281.9	332.1
MAYDO .	1 244.7	287.3	342.3
AUGUSTDO .	1 214.7	294.4	357.9
NOVEMBERDO .	1 296.3	302.0	367.3
MAN-HOURSMILLIONS .	2 527.4	568.5	660.9
JANUARY-MARCHDO .	620.0	138.8	155.6
APRIL-JUNEDO .	643.8	142.2	165.2
JULY-SEPTEMBERDO .	603.9	137.8	164.2
OCTOBER-DECEMBERDO .	659.7	149.8	175.9
WAGESMILLION DOLLARS .	12 848.6	2 231.8	2 084.4
COST OF MATERIALS, ETC., TOTALDO .	55 767.8	5 058.5	5 554.3
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMEDDO .	53 471.6	4 434.7	4 793.3
COST OF REALESDO .	1 090.6	406.0	486.5
FUELS CONSUMEDDO .	205.5	43.1	35.7
PURCHASED ELECTRIC ENERGYDO .	365.6	63.5	62.5
CONTRACT WORKDO .	634.4	111.2	176.3
VALUE OF SHIPMENTS, INCLUDING REALESDO .	94 704.9	15 526.7	12 173.2
VALUE OF REALESDO .	1 398.4	627.9	678.2
VALUE ADDED BY MANUFACTUREDO .	39 799.4	10 580.1	6 768.7
MANUFACTURERS' INVENTORIES:			
BEGINNING OF YEAR, TOTALDO .	14 523.0	2 920.4	2 102.9
FINISHED PRODUCTSDO .	1 468.1	955.7	880.5
WORK IN PROCESSDO .	9 861.0	1 131.1	535.0
MATERIALS, SUPPLIES, FUEL, ETC.DO .	3 193.8	813.7	687.3
END OF YEAR, TOTALDO .	15 705.4	3 106.8	2 259.6
FINISHED PRODUCTSDO .	1 582.1	882.5	948.6
WORK IN PROCESSDO .	10 665.9	1 254.1	580.7
MATERIALS, SUPPLIES, FUEL, ETC.DO .	3 457.4	970.2	730.3
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTALDO .	2 747.0	499.4	333.9
NEW PLANT AND EQUIPMENT, TOTALDO .	2 660.2	480.0	313.6
NEW STRUCTURES AND ADDITIONS TO PLANTDO .	342.9	124.3	92.6
NEW MACHINERY AND EQUIPMENTDO .	2 317.3	355.7	221.0
USED PLANT AND EQUIPMENTDO .	86.9	19.5	20.2

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
United States.....	19,026.8	174,186.7	18,032.4	160,414.4	994.3	13,772.3
	1967..	19,323.2	18,492.3	123,480.6	830.9	8,727.9
	1963..	16,958.4	16,231.9	93,283.3	726.5	6,615.5
	1958..	16,025.2	15,423.1	73,875.2	602.1	4,473.7
DIVISIONS AND STATES						
New England Division.....	1972..	1,362.4	1,306.9	11,132.2	55.5	772.9
	1967..	1,561.8	1,515.1	9,726.5	46.7	463.4
	1963..	1,425.0	1,379.2	7,429.8	45.8	385.1
	1958..	1,399.6	1,360.3	6,047.8	39.3	250.0
Maine.....	1972..	99.5	(D)	(D)	(D)	(D)
	1967..	110.8	110.2	572.1	.6	5.1
	1963..	99.9	99.2	433.8	.7	4.8
	1958..	98.3	97.7	373.2	.6	4.0
New Hampshire.....	1972..	89.7	89.0	654.3	.8	8.9
	1967..	94.9	94.6	509.9	.3	2.7
	1963..	84.1	83.4	373.8	.7	5.1
	1958..	79.5	78.3	292.6	1.2	4.5
Vermont.....	1972..	36.9	(D)	(D)	(D)	(D)
	1967..	42.5	42.2	256.9	.3	2.2
	1963..	33.7	33.5	166.1	.3	1.8
	1958..	32.5	32.3	131.7	.2	.8
Massachusetts.....	1972..	618.9	585.4	5,031.3	33.5	454.7
	1967..	713.6	685.4	4,372.8	28.2	273.5
	1963..	674.0	646.9	3,476.5	27.2	235.9
	1958..	680.6	657.9	2,925.5	22.7	145.3
Rhode Island.....	1972..	118.1	116.5	865.6	1.6	22.6
	1967..	122.3	121.0	687.4	1.3	13.0
	1963..	113.9	112.6	523.2	1.3	10.2
	1958..	114.5	113.4	445.6	1.1	7.5
Connecticut.....	1972..	399.3	380.4	3,580.3	18.9	279.7
	1967..	477.7	461.7	3,327.4	16.0	166.9
	1963..	419.4	403.9	2,456.4	15.6	127.3
	1958..	394.2	380.7	1,879.2	13.5	87.9
Middle Atlantic Division.....	1972..	3 932.8	3,598.6	32,339.3	334.2	4,780.5
	1967..	4,360.0	4,058.0	27,234.7	302.0	3,291.9
	1963..	4,075.1	3,811.4	21,916.7	263.7	2,503.0
	1958..	4,112.9	3,881.8	18,679.0	231.0	1,791.4
New York.....	1972..	1,679.3	1,512.2	13,750.7	167.1	2,467.8
	1967..	1,929.2	1,771.2	12,055.6	158.0	1,795.9
	1963..	1,853.0	1,708.7	9,878.2	144.3	1,411.5
	1958..	1,915.9	1,782.4	8,573.2	133.5	1,054.5
New Jersey.....	1972..	836.1	756.1	6,961.4	80.0	1,145.8
	1967..	881.3	817.9	5,673.1	63.4	652.3
	1963..	829.2	778.0	4,665.8	51.2	455.5
	1958..	795.0	761.9	3,822.9	33.1	243.6
Pennsylvania.....	1972..	1,417.5	1,330.4	11,627.2	87.1	1,166.9
	1967..	1,549.5	1,468.9	9,506.0	80.6	843.7
	1963..	1,392.9	1,324.7	7,372.7	68.2	636.0
	1958..	1,402.0	1,337.5	6,282.9	64.4	493.3
East North Central Division.....	1972..	4,932.9	4,643.9	46,764.0	289.0	4,194.4
	1967..	5,150.8	4,902.3	35,855.3	248.5	2,639.9
	1963..	4,483.7	4,264.5	27,200.6	219.2	2,011.5
	1958..	4,261.3	4,084.3	21,678.6	177.1	1,313.5
Ohio.....	1972..	1,346.3	1,263.8	12,720.1	82.5	1,089.9
	1967..	1,397.0	1,334.9	9,898.5	62.1	624.6
	1963..	1,239.5	1,186.1	7,656.6	53.4	468.8
	1958..	1,201.0	1,162.3	6,229.2	38.8	293.3
Indiana.....	1972..	703.9	689.7	6,709.0	14.2	172.5
	1967..	710.2	701.3	4,933.2	8.9	90.0
	1963..	609.8	599.8	3,708.5	10.0	85.8
	1958..	551.0	544.3	2,826.6	6.7	48.1
Illinois.....	1972..	1,306.0	1,224.6	11,693.1	81.4	1,106.4
	1967..	1,397.3	1,331.5	9,319.6	65.8	694.3
	1963..	1,211.2	1,151.4	7,023.2	59.8	537.4
	1958..	1,189.9	1,139.4	5,864.6	50.5	360.2
Michigan.....	1972..	1,076.2	981.5	11,125.8	94.7	1,619.3
	1967..	1,134.1	1,039.7	8,290.9	94.4	1,066.3
	1963..	961.1	879.0	6,147.5	82.1	803.2
	1958..	880.0	809.6	4,618.7	70.4	542.5
Wisconsin.....	1972..	500.5	484.3	4,517.7	16.2	204.6
	1967..	512.2	494.9	3,413.1	17.3	164.7
	1963..	461.8	448.2	2,664.8	13.6	116.3
	1958..	439.4	428.7	2,139.5	10.7	69.4

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
DIVISIONS AND STATES--Continued						
West North Central Division.....1972..	1,201.5	10,923.4	1,140.5	10,145.7	61.0	777.7
.....1967..	1,205.9	8,164.8	1,156.4	7,681.6	49.5	483.2
.....1963..	1,014.4	5,894.4	974.8	5,583.8	39.5	310.8
.....1958..	964.0	4,615.5	932.6	4,407.6	31.5	207.9
Minnesota.....1972..	302.2	2,889.0	274.9	2,538.4	27.3	350.6
.....1967..	299.8	2,106.5	275.9	1,881.3	23.9	225.2
.....1963..	245.9	1,478.6	230.6	1,356.0	15.3	122.6
.....1958..	220.8	1,094.8	209.2	1,020.2	11.6	74.6
Iowa.....1972..	215.5	2,038.8	213.1	2,002.6	2.4	36.2
.....1967..	210.1	1,434.6	208.8	1,420.3	1.3	14.3
.....1963..	178.2	1,046.7	(D)	(D)	(D)	(D)
.....1958..	166.1	812.5	164.5	801.7	1.6	10.8
Missouri.....1972..	434.3	3,897.3	407.9	3,563.4	26.4	333.9
.....1967..	452.2	3,048.9	430.8	2,831.4	21.4	217.5
.....1963..	391.4	2,235.2	371.9	2,080.8	19.5	154.4
.....1958..	380.5	1,771.1	364.0	1,659.1	16.5	112.0
North Dakota.....1972..	10.2	78.6	(D)	(D)	(D)	(D)
.....1967..	7.5	41.6	(D)	(D)	(D)	(D)
.....1963..	6.5	31.5	(D)	(D)	(D)	(D)
.....1958..	6.3	26.3	6.3	26.2	(Z)	(Z)
South Dakota.....1972..	17.4	134.5	(D)	(D)	(D)	(D)
.....1967..	15.5	92.5	(D)	(D)	(D)	(D)
.....1963..	13.2	70.0	13.1	69.4	.1	.5
.....1958..	12.9	54.8	12.9	54.8	-	-
Nebraska.....1972..	84.9	704.2	83.3	685.1	1.6	19.1
.....1967..	77.0	475.9	75.9	465.6	1.1	10.3
.....1963..	64.9	348.0	63.8	339.7	1.1	8.3
.....1958..	58.6	265.2	57.7	259.0	.9	6.2
Kansas.....1972..	137.0	1,181.1	134.0	1,145.5	3.0	35.6
.....1967..	143.8	964.8	142.0	949.3	1.8	15.5
.....1963..	114.3	684.4	112.8	674.0	1.5	10.5
.....1958..	118.8	590.8	118.0	586.6	.9	4.3
South Atlantic Division.....1972..	2,739.1	20,637.8	2,646.1	19,454.0	93.0	1,183.8
.....1967..	2,501.5	14,014.0	2,429.8	13,284.8	71.7	729.2
.....1963..	2,124.8	10,008.4	2,068.1	9,501.2	56.7	507.2
.....1958..	1,884.9	7,253.6	1,844.3	6,941.5	40.6	312.1
Delaware.....1972..	69.1	754.5	(D)	(D)	(D)	(D)
.....1967..	70.7	588.4	50.6	338.7	20.1	249.7
.....1963..	58.3	429.6	41.2	244.5	17.1	185.1
.....1958..	57.8	347.6	40.5	191.8	17.3	155.8
Maryland.....1972..	255.6	2,386.3	245.5	2,260.3	10.1	126.0
.....1967..	287.6	1,956.0	281.2	1,891.3	6.4	64.7
.....1963..	263.7	1,549.8	258.6	1,501.1	5.1	48.7
.....1958..	259.1	1,257.4	256.9	1,241.8	2.2	15.6
District of Columbia.....1972..	19.4	219.6	(D)	(D)	(D)	(D)
.....1967..	23.1	178.7	22.4	168.3	.7	10.4
.....1963..	22.1	147.6	21.3	138.8	.9	8.9
.....1958..	21.3	114.0	20.8	109.7	.5	4.4
Virginia.....1972..	375.4	2,826.0	365.8	2,720.3	9.6	105.7
.....1967..	339.8	1,905.1	331.6	1,828.1	8.2	77.0
.....1963..	302.1	1,432.0	295.3	1,377.1	6.8	54.9
.....1958..	258.1	986.5	251.9	949.0	6.2	37.6
West Virginia.....1972..	120.8	1,097.6	116.8	1,042.6	4.0	55.0
.....1967..	124.0	831.6	120.8	801.0	3.2	30.6
.....1963..	117.0	700.1	112.8	659.4	4.3	40.6
.....1958..	116.2	573.8	114.4	560.1	1.8	13.7
North Carolina.....1972..	743.7	4,929.1	722.5	4,677.7	21.2	251.4
.....1967..	643.8	3,066.1	628.9	2,924.7	14.9	141.4
.....1963..	530.6	2,092.1	519.1	2,002.9	11.6	89.1
.....1958..	461.5	1,486.7	454.9	1,443.6	6.5	43.1
South Carolina.....1972..	345.1	2,344.5	337.9	2,265.4	7.2	79.1
.....1967..	304.3	1,502.2	298.2	1,452.4	6.1	49.8
.....1963..	261.6	1,049.3	258.5	1,030.8	3.2	18.5
.....1958..	225.5	732.1	224.5	726.6	1.0	5.5
Georgia.....1972..	467.2	3,329.9	453.3	3,162.1	13.9	167.8
.....1967..	423.1	2,231.2	415.0	2,159.8	8.1	71.4
.....1963..	354.0	1,505.6	349.7	1,473.2	4.3	32.4
.....1958..	314.1	1,075.0	312.4	1,062.5	1.7	12.5
Florida.....1972..	342.9	2,750.3	336.7	2,672.8	6.2	77.5
.....1967..	285.1	1,754.7	281.1	1,720.5	4.0	34.2
.....1963..	215.4	1,102.3	212.0	1,073.2	3.4	29.0
.....1958..	171.3	680.5	167.8	656.6	3.4	23.9

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
DIVISIONS AND STATES--Continued						
East South Central Division.....						
1972..	1,249.1	9,210.9	1,227.2	8,967.6	21.9	243.3
1967..	1,091.8	5,908.7	1,076.1	5,768.6	15.7	140.1
1963..	887.7	4,112.8	874.5	4,008.4	13.2	104.4
1958..	779.8	3,072.8	767.2	2,991.8	12.8	81.1
Kentucky.....						
1972..	258.7	2,160.0	250.3	2,060.3	8.4	99.7
1967..	224.6	1,351.9	217.6	1,285.4	7.0	66.5
1963..	180.5	959.0	175.7	920.0	4.8	39.0
1958..	162.2	721.4	157.8	693.2	4.5	28.2
Tennessee.....						
1972..	467.4	3,351.7	459.8	3,276.9	7.6	74.8
1967..	418.0	2,190.0	412.8	2,145.8	5.2	44.2
1963..	334.9	1,505.2	330.8	1,479.2	4.1	26.0
1958..	279.3	1,077.0	275.8	1,058.4	3.5	18.7
Alabama.....						
1972..	322.6	2,396.8	318.7	2,346.7	3.9	50.1
1967..	288.8	1,602.8	286.4	1,581.4	2.4	21.4
1963..	243.8	1,162.4	240.2	1,128.3	3.6	34.1
1958..	229.8	920.0	225.4	887.2	4.5	32.8
Mississippi.....						
1972..	200.4	1,302.4	198.3	1,283.7	2.1	18.7
1967..	160.4	764.0	159.3	756.0	1.1	8.0
1963..	128.5	486.2	127.8	480.9	.7	5.3
1958..	108.5	354.4	108.2	353.0	.3	1.4
West South Central Division.....						
1972..	1,238.6	10,281.0	1,191.7	9,663.7	46.9	617.3
1967..	1,083.3	6,854.6	1,046.7	6,501.2	36.6	353.4
1963..	864.6	4,651.2	838.1	4,427.6	26.5	223.6
1958..	794.8	3,645.4	771.5	3,482.3	23.4	163.0
Arkansas.....						
1972..	180.9	1,151.7	178.5	1,126.6	2.4	25.1
1967..	143.6	665.6	142.2	653.6	1.4	12.0
1963..	113.6	439.6	112.8	433.4	.9	6.1
1958..	88.7	292.7	87.9	288.1	.8	4.6
Louisiana.....						
1972..	179.4	1,601.4	176.6	1,571.2	2.8	30.2
1967..	164.5	1,084.4	162.7	1,068.8	1.8	15.6
1963..	139.5	769.4	138.8	763.7	.8	5.8
1958..	136.9	621.4	136.4	618.1	.6	3.3
Oklahoma.....						
1972..	142.7	1,187.9	128.9	1,020.7	13.8	167.2
1967..	117.7	764.2	105.0	648.0	12.7	116.2
1963..	97.7	551.7	87.3	465.1	10.4	86.6
1958..	91.6	446.4	80.8	367.9	10.8	78.4
Texas.....						
1972..	735.6	6,340.0	707.7	5,945.2	27.9	394.8
1967..	657.5	4,340.4	636.8	4,130.8	20.7	209.6
1963..	513.8	2,890.5	499.4	2,765.4	14.4	125.1
1958..	477.6	2,284.9	466.4	2,208.2	11.2	76.7
Mountain Division.....						
1972..	388.2	3,469.3	373.3	3,285.1	14.9	184.2
1967..	315.1	2,123.3	308.6	2,063.2	6.5	60.1
1963..	283.7	1,706.4	278.7	1,662.7	5.0	43.7
1958..	228.7	1,145.2	(D)	(D)	(D)	(D)
Montana.....						
1972..	21.4	184.6	21.3	183.3	.1	1.3
1967..	20.4	129.5	(D)	(D)	(D)	(D)
1963..	20.2	109.3	(D)	(D)	(D)	(D)
1958..	20.3	94.8	20.2	94.1	.1	.7
Idaho.....						
1972..	43.0	339.9	41.4	318.4	1.6	21.5
1967..	37.1	219.9	36.0	208.8	1.1	11.1
1963..	30.5	162.6	30.1	159.2	.4	3.4
1958..	27.6	128.1	27.4	126.4	.2	1.8
Wyoming.....						
1972..	7.0	56.9	6.7	53.9	.3	3.0
1967..	5.9	37.1	(D)	(D)	(D)	(D)
1963..	6.8	38.0	(D)	(D)	(D)	(D)
1958..	6.4	31.6	(D)	(D)	(D)	(D)
Colorado.....						
1972..	132.6	1,297.8	125.2	1,206.0	7.4	91.8
1967..	104.0	730.5	101.0	702.8	3.0	27.7
1963..	93.7	596.0	91.2	573.8	2.6	22.2
1958..	77.5	405.0	75.5	390.9	2.0	14.0
New Mexico.....						
1972..	23.6	157.2	23.2	152.5	.4	4.7
1967..	16.9	98.6	16.6	95.2	.3	3.4
1963..	15.3	82.1	15.2	79.7	.2	2.3
1958..	13.7	59.4	13.6	58.7	.1	.7
Arizona.....						
1972..	93.9	855.1	92.2	830.5	1.7	24.6
1967..	76.8	543.2	75.7	533.1	1.1	10.1
1963..	56.9	347.5	56.4	342.7	.6	4.8
1958..	40.6	213.3	40.3	211.4	.3	1.9
Utah.....						
1972..	56.6	486.2	53.7	452.9	2.9	33.3
1967..	47.0	314.9	46.4	310.2	.6	4.7
1963..	53.5	328.2	52.6	320.2	.9	8.1
1958..	37.6	185.9	36.7	181.0	.9	4.9

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
DIVISIONS AND STATES--Continued						
Mountain Division--Continued						
Nevada.....1972..	10.0	91.7	9.6	87.6	0.4	4.1
1967..	7.0	49.6	7.0	49.1	(Z)	.5
1963..	6.8	42.2	(D)	(D)	(D)	(D)
1958..	5.0	27.1	5.0	26.8	(Z)	.3
Pacific Division.....1972..	1,982.1	19,681.9	1,904.1	18,663.8	78.0	1,018.1
1967..	2,050.3	15,911.2	1,996.6	15,344.6	53.7	566.7
1963..	1,798.1	12,059.6	1,745.3	11,571.7	52.8	488.0
1958..	1,595.0	8,806.1	1,554.2	8,502.4	40.9	303.6
Washington.....1972..	226.0	2,308.4	219.3	2,223.7	6.7	84.7
1967..	270.7	2,119.0	266.6	2,075.8	4.1	43.2
1963..	224.4	1,479.1	221.3	1,454.0	3.1	25.1
1958..	215.0	1,173.3	212.0	1,157.1	3.0	16.1
Oregon.....1972..	178.6	1,627.3	173.7	1,565.2	4.9	62.1
1967..	163.1	1,082.5	160.4	1,059.3	2.7	23.2
1963..	145.2	819.6	143.1	803.0	2.0	16.6
1958..	134.0	648.6	132.6	639.7	1.4	8.9
California.....1972..	1,545.1	15,477.8	1,479.6	14,618.3	65.5	859.5
1967..	1,583.5	12,514.5	1,537.6	12,024.4	45.9	490.2
1963..	1,397.6	9,612.2	1,350.7	9,173.2	46.9	439.0
1958..	1,217.3	6,876.3	1,181.8	6,601.1	35.6	275.2
Alaska.....1972..	7.6	77.3	(D)	(D)	(D)	(D)
1967..	7.6	55.6	7.6	55.2	(Z)	.4
1963..	5.8	39.7	5.8	39.6	(Z)	.2
1958..	4.8	25.7	4.8	25.7	-	-
Hawaii.....1972..	24.8	191.1	(D)	(D)	(D)	(D)
1967..	25.4	139.6	24.4	129.9	1.0	9.7
1963..	25.1	109.0	24.3	101.9	.9	7.1
1958..	23.9	82.2	23.0	78.8	.9	3.4
STANDARD CONSOLIDATED AREAS ¹						
Chicago, IL-Northwestern Indiana...1972..	1,009.0	10,205.6	938.5	9,255.6	70.5	950.0
1967..	1,088.1	8,020.4	1,030.1	7,410.3	58.0	610.1
1963..	958.5	6,195.4	905.0	5,710.0	53.6	485.4
1958..	957.2	5,213.4	911.8	4,881.6	45.4	331.8
New York, NY-Northeastern						
New Jersey ².....1972..	1,622.6	15,470.3	1,427.5	12,589.1	195.1	2,881.2
1967..	1,818.5	12,968.2	1,643.5	10,998.6	175.0	1,969.6
1963..	1,779.0	10,767.1	1,625.5	9,279.1	153.5	1,488.0
1958..	1,797.0	9,045.3	1,660.4	7,947.7	136.5	1,097.5
STANDARD METROPOLITAN STATISTICAL AREAS ¹						
Abilene, TX ³.....1972..	5.2	32.2	(D)	(D)	(D)	(D)
1967..	4.0	21.0	(D)	(D)	(D)	(D)
1963..	3.4	14.2	(D)	(D)	(D)	(D)
1958..	3.6	11.6	(D)	(D)	(D)	(D)
Akron, OH.....1972..	94.4	1,004.3	84.4	885.7	10.0	118.6
1967..	101.1	807.0	92.2	724.6	8.8	82.4
1963..	90.7	638.9	83.3	578.1	7.3	60.8
1958..	88.6	501.5	85.0	476.0	3.6	25.5
Albany, GA: ⁴						
New definition.....1972..	8.9	63.3	8.9	63.3	-	-
Old definition.....1972..	(D)	(D)	(D)	(D)	-	-
1967..	5.7	28.8	5.7	28.8	-	-
1963..	4.7	17.9	4.7	17.9	-	-
1958..	3.3	11.2	3.3	11.2	-	-
Albany-Schenectady-Troy, NY: ⁴						
New definition.....1972..	66.9	676.1	60.0	577.2	6.9	98.9
Old definition.....1972..	59.3	624.6	53.8	540.6	5.5	84.0
1967..	65.3	493.2	59.1	427.4	6.2	65.8
1963..	61.8	395.1	(D)	(D)	(D)	(D)
1958..	71.5	385.0	63.3	324.4	8.3	60.6
Albuquerque, NM: ⁴						
New definition.....1972..	12.0	84.8	11.9	83.3	.1	1.5
Old definition.....1972..	11.4	81.0	11.3	79.5	.1	1.5
1967..	7.8	48.7	(D)	(D)	(D)	(D)
1963..	8.1	47.3	8.2	47.3	-	-
1958..	6.7	32.3	6.6	31.9	.1	.3
Alexandria, LA ⁵.....1972..	4.5	31.2	4.5	31.2	-	-
Allentown-Bethlehem-Easton, PA-NJ: ⁴						
New definition.....1972..	110.4	980.6	102.2	853.0	8.2	127.6
Old definition.....1972..	103.6	943.0	(D)	(D)	(D)	(D)
1967..	102.6	663.6	95.6	584.0	7.0	79.6
1963..	93.7	517.9	88.4	463.4	5.3	54.6
1958..	93.9	430.1	88.3	379.4	5.6	50.7

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Altoona, PA.....1972..	15.6	106.7	(D)	(D)	(D)	(D)
.....1967..	14.6	78.0	(D)	(D)	(D)	(D)
.....1963..	11.7	53.6	(D)	(D)	(D)	(D)
.....1958..	10.4	39.6	10.4	39.6	(Z)	(Z)
Amarillo, TX.....1972..	5.4	38.8	5.0	33.3	.4	5.5
.....1967..	4.5	26.9	4.1	23.6	.4	3.3
.....1963..	4.0	22.0	(D)	(D)	(D)	(D)
.....1958..	3.7	16.6	3.6	16.1	.1	.4
Anaheim-Santa Ana-Garden Grove, CA..1972..	131.0	1,369.0	127.8	1,320.2	3.2	48.8
.....1967..	125.8	1,106.8	124.2	1,090.1	1.6	16.7
.....1963..	96.9	687.3	93.7	662.8	3.2	24.5
.....1958..	31.8	175.9	31.2	171.2	.6	4.8
Anchorage, AK ⁵.....1972..	1.3	14.5	1.3	14.2	(Z)	.3
Anderson, IN.....1972..	26.5	304.0	(D)	(D)	(D)	(D)
.....1967..	28.4	224.1	28.4	224.1	-	-
.....1963..	26.2	183.3	(D)	(D)	(D)	(D)
.....1958..	23.5	123.8	23.5	123.8	-	-
Ann Arbor, MI.....1972..	35.4	450.0	33.6	419.7	1.8	30.3
.....1967..	35.0	288.0	32.2	255.6	2.8	32.4
.....1963..	25.8	188.7	25.7	187.8	.1	.9
.....1958..	18.8	108.1	18.1	103.1	.7	5.0
Appleton-Oshkosh, WI ⁵.....1972..	38.4	362.3	36.6	337.0	1.8	25.3
Asheville, NC ³.....1972..	21.8	144.6	20.8	133.2	1.0	11.4
.....1967..	19.7	95.9	18.8	88.5	.9	7.4
.....1963..	16.5	70.1	(D)	(D)	(D)	(D)
.....1958..	12.2	43.8	12.2	43.8	(Z)	(Z)
Atlanta, GA: ⁴						
New definition.....1972..	132.4	1,199.6	122.3	1,071.7	10.1	127.9
Old definition.....1972..	115.4	1,089.5	106.3	973.6	9.1	115.9
.....1967..	117.2	809.6	111.7	761.3	5.5	48.3
.....1963..	95.7	538.6	92.7	515.9	2.9	22.7
.....1958..	83.5	379.7	82.5	371.1	1.1	8.6
Atlantic City, NJ.....1972..	10.4	76.5	(D)	(D)	(D)	(D)
.....1967..	10.2	52.5	(D)	(D)	(D)	(D)
.....1963..	8.7	35.4	(D)	(D)	(D)	(D)
.....1958..	7.1	23.3	(D)	(D)	(D)	(D)
Augusta, GA-SC ³.....1972..	30.4	250.1	29.8	243.8	.6	6.3
.....1967..	29.3	181.1	28.7	176.9	.6	4.2
.....1963..	25.2	135.6	24.6	132.0	.6	3.6
.....1958..	23.5	105.8	23.2	104.4	.3	1.4
Austin, TX ³.....1972..	12.7	101.3	12.4	98.0	.3	3.3
.....1967..	7.0	34.9	(D)	(D)	(D)	(D)
.....1963..	5.9	25.8	(D)	(D)	(D)	(D)
.....1958..	5.0	18.8	4.9	18.1	.1	.7
Bakersfield, CA.....1972..	6.5	58.5	6.5	58.1	(Z)	.4
.....1967..	6.0	43.0	6.0	42.7	(Z)	.3
.....1963..	5.8	38.4	5.8	38.1	(Z)	.3
.....1958..	5.5	30.4	5.3	27.6	.2	2.8
Baltimore, MD.....1972..	180.1	1,743.0	172.8	1,655.7	7.3	87.3
.....1967..	209.7	1,486.1	204.9	1,439.8	4.8	46.3
.....1963..	190.5	1,184.3	187.5	1,158.3	3.0	26.0
.....1958..	197.8	1,011.4	195.9	1,000.3	1.9	11.1
Baton Rouge, LA: ⁴						
New definition.....1972..	22.1	269.9	21.7	263.5	.4	6.4
Old definition.....1972..	16.8	206.7	16.4	200.3	.4	6.4
.....1967..	16.1	140.6	15.9	137.7	.2	2.9
.....1963..	15.3	114.9	(D)	(D)	(D)	(D)
.....1958..	19.0	119.5	19.0	119.3	(Z)	.1
Battle Creek, MI ⁵.....1972..	24.8	267.1	24.1	256.8	.7	10.3
Bay City, MI.....1972..	9.9	100.9	9.7	99.4	.2	1.5
.....1967..	12.3	83.0	(D)	(D)	(D)	(D)
.....1963..	9.6	61.7	9.6	61.7	-	-
.....1958..	9.3	50.9	9.3	50.9	-	-

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries		
	Employees	Payroll	Employees	Payroll	Employees	Payroll	
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)	
STANDARD METROPOLITAN STATISTICAL AREAS--Continued							
Beaumont-Port Arthur-Orange, TX ³ ...	1972..	37.6	418.1	37.1	409.6	0.5	8.5
	1967..	33.2	273.4	32.4	265.0	.8	8.4
	1963..	32.8	233.9	32.3	229.1	.5	4.8
	1958..	32.5	195.0	32.1	191.5	.4	3.5
Billings, MT.....	1972..	3.2	30.9	(D)	(D)	(D)	(D)
	1967..	2.7	19.3	(D)	(D)	(D)	(D)
	1963..	2.5	15.5	(D)	(D)	(D)	(D)
	1958..	2.7	14.1	2.6	13.9	(Z)	.3
Biloxi-Gulfport, MS: ⁴							
New definition.....	1972..	5.8	40.7	(D)	(D)	(D)	(D)
Old definition.....	1972..	4.0	27.2	(D)	(D)	(D)	(D)
	1967..	3.2	15.8	3.2	15.8	-	-
Binghamton, NY-PA.....	1972..	36.4	377.4	35.6	371.0	.8	6.4
	1967..	46.1	347.5	45.1	340.8	1.0	6.7
	1963..	41.6	259.0	(D)	(D)	(D)	(D)
	1958..	46.5	227.8	(D)	(D)	(D)	(D)
Birmingham, AL ³	1972..	68.9	589.6	68.0	576.8	.9	12.8
	1967..	68.0	450.1	66.9	439.6	1.1	10.5
	1963..	59.2	362.2	57.4	344.4	1.9	17.8
	1958..	63.5	335.7	60.5	312.8	3.0	22.9
Bloomington-Normal, IL.....	1972..	6.6	55.3	(D)	(D)	(D)	(D)
	1967..	6.4	41.5	(D)	(D)	(D)	(D)
Boise City, ID.....	1972..	5.2	44.9	4.2	31.2	1.0	13.7
	1967..	3.8	24.7	3.3	19.3	.5	5.4
	1963..	2.8	14.4	(D)	(D)	(D)	(D)
	1958..	2.7	11.8	(D)	(D)	(D)	(D)
Boston, MA ³	1972..	266.5	2,600.0	240.8	2,239.3	25.7	360.7
	1967..	316.2	2,222.3	295.4	2,011.7	20.8	210.6
	1963..	293.2	1,768.8	271.8	1,578.8	21.5	190.1
	1958..	301.0	1,514.8	283.1	1,400.3	17.9	114.5
Bridgeport, CT ³	1972..	63.7	602.7	61.8	574.1	1.9	28.6
	1967..	79.5	585.2	77.9	568.8	1.6	16.4
	1963..	67.4	419.9	65.8	406.4	1.6	13.6
	1958..	64.7	331.8	62.9	319.7	1.8	12.1
Bristol, CT ⁵	1972..	9.3	91.9	(D)	(D)	(D)	(D)
Brockton, MA ³	1972..	12.4	88.7	11.8	83.5	.6	5.2
	1967..	16.5	89.9	16.0	87.1	.5	2.8
	1963..	15.9	72.3	(D)	(D)	(D)	(D)
	1958..	15.8	58.8	15.5	57.6	.3	1.2
Brownsville-Harlingen-San Benito, TX.....	1972..	6.9	39.4	(D)	(D)	(D)	(D)
	1967..	5.4	19.3	(D)	(D)	(D)	(D)
	1963..	4.8	14.9	4.8	14.9	-	-
	1958..	4.1	10.9	4.1	10.9	-	-
Bryan-College Station, TX ⁵	1972..	2.0	13.0	(D)	(D)	(D)	(D)
Buffalo, NY.....	1972..	151.7	1,617.9	143.1	1,505.2	8.6	112.7
	1967..	176.2	1,354.8	173.1	1,326.1	3.1	28.7
	1963..	162.9	1,104.3	158.6	1,071.0	4.3	33.3
	1958..	173.9	980.7	169.9	954.5	4.0	26.2
Burlington, NC ⁵	1972..	24.3	161.3	(D)	(D)	(D)	(D)
Canton, OH ³	1972..	57.6	567.1	55.4	539.9	2.2	27.2
	1967..	62.5	452.9	59.4	423.8	3.1	29.1
	1963..	53.0	343.6	50.5	322.0	2.5	21.6
	1958..	51.2	269.7	50.5	265.1	.7	4.6
Cedar Rapids, IA.....	1972..	22.2	224.0	22.2	224.0	-	-
	1967..	28.3	204.4	(D)	(D)	(D)	(D)
	1963..	23.8	149.1	(D)	(D)	(D)	(D)
	1958..	19.0	98.6	18.9	97.7	.2	.8
Champaign-Urbana-Rantoul, IL.....	1972..	4.4	36.8	4.4	36.3	(Z)	.5
	1967..	5.6	35.6	5.5	35.2	.1	.4
	1963..	3.3	20.3	(D)	(D)	(D)	(D)
	1958..	2.7	12.3	2.4	11.2	.3	1.1

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Charleston, SC: ⁴						
New definition.....1972..	15.2	114.4	15.1	112.7	0.1	1.7
Old definition.....1972..	13.0	100.9	12.9	99.2	.1	1.7
1967..	12.3	65.9	12.1	64.6	.2	1.3
1963..	11.0	48.3	(D)	(D)	(D)	(D)
1958..	10.6	38.0	10.5	37.8	(Z)	.2
Charleston, WV: ³						
1972..	16.2	167.7	15.5	154.2	.7	13.5
1967..	20.9	166.7	19.6	152.5	1.3	14.2
1963..	21.2	159.6	(D)	(D)	(D)	(D)
1958..	21.1	127.5	20.9	125.9	.2	1.6
Charlotte-Gastonia, NC: ⁴						
New definition.....1972..	88.4	620.4	84.5	576.0	3.9	44.4
Old definition.....1972..	46.0	353.5	43.3	318.6	2.7	34.9
1967..	39.3	220.6	37.2	201.3	2.1	19.3
1963..	32.8	152.4	31.0	141.7	1.8	10.7
1958..	27.7	106.7	26.7	100.3	1.0	6.4
Chattanooga, TN-GA: ³						
1972..	56.8	450.3	56.1	443.7	.7	6.6
1967..	51.6	308.3	50.7	302.6	.9	5.7
1963..	38.9	193.8	38.6	191.6	.3	2.3
1958..	40.9	166.1	40.7	164.9	.2	1.2
Chicago, IL.....						
1972..	909.6	9,064.0	840.0	8,123.5	69.6	940.5
1967..	983.1	7,168.1	926.0	6,564.1	57.1	604.0
1963..	860.8	5,473.0	808.7	5,001.0	52.1	472.0
1958..	857.2	4,599.9	813.6	4,281.0	43.7	318.9
Cincinnati, OH-KY-IN.....						
1972..	157.6	1,608.8	144.9	1,442.9	12.7	165.9
1967..	166.8	1,258.7	155.6	1,150.5	11.2	108.2
1963..	153.9	989.0	144.4	910.4	9.5	78.6
1958..	156.5	833.3	149.8	784.8	6.7	48.5
Cleveland, OH.....						
1972..	268.9	2,887.5	248.4	2,614.7	20.5	272.8
1967..	306.8	2,411.4	288.2	2,216.7	18.6	194.7
1963..	280.3	1,908.3	262.6	1,750.8	17.6	157.5
1958..	273.7	1,558.2	259.1	1,447.1	14.6	111.1
Colorado Springs, CO: ³						
1972..	8.4	73.7	7.9	67.3	.5	6.4
1967..	5.8	34.3	5.6	32.4	.2	1.9
1963..	3.7	19.7	(D)	(D)	(D)	(D)
1958..	3.3	15.1	(D)	(D)	(D)	(D)
Columbia, MO: ⁵						
1972..	2.1	19.0	1.9	16.7	.2	2.3
Columbia, SC.....						
1972..	21.6	155.2	(D)	(D)	(D)	(D)
1967..	18.1	87.9	(D)	(D)	(D)	(D)
1963..	14.5	56.7	(D)	(D)	(D)	(D)
1958..	11.2	34.3	11.2	34.2	(Z)	.1
Columbus, GA-AL: ³						
1972..	19.7	134.8	19.5	132.1	.2	2.7
1967..	18.1	88.3	18.1	88.3	-	-
1963..	14.3	54.2	14.3	54.2	-	-
1958..	17.1	51.2	17.1	51.2	-	-
Columbus, OH: ³						
1972..	102.4	970.3	96.7	898.8	5.7	71.5
1967..	83.0	616.7	80.5	594.2	2.5	22.5
1963..	80.2	510.7	78.2	494.1	2.0	16.5
1958..	73.0	381.3	72.1	375.5	.9	5.8
Corpus Christi, TX.....						
1972..	10.9	102.9	10.7	98.9	.2	4.0
1967..	10.0	73.2	9.7	69.8	.3	3.4
1963..	7.8	46.6	(D)	(D)	(D)	(D)
1958..	7.7	39.8	7.5	38.2	.2	1.6
Dallas-Fort Worth, TX: ⁶						
1972..	230.0	2,023.5	220.6	1,910.0	9.4	113.5
1967..	227.3	1,579.5	221.2	1,523.0	6.1	56.5
1963..	156.9	915.6	151.9	875.3	5.0	40.3
1958..	151.1	751.2	145.9	717.8	5.2	33.4
Danbury, CT: ⁵						
1972..	14.6	137.3	(D)	(D)	(D)	(D)
Davenport-Rock Island-Moline, IA-IL.....						
1972..	41.7	463.4	40.0	429.7	1.7	33.7
1967..	49.3	387.1	47.6	367.0	1.7	20.1
1963..	41.1	272.5	(D)	(D)	(D)	(D)
1958..	39.1	213.7	38.3	205.2	.9	8.6
Dayton, OH.....						
1972..	118.8	1,340.7	103.4	1,134.3	15.4	206.4
1967..	126.2	1,022.6	123.6	997.6	2.6	25.0
1963..	104.2	719.0	102.0	699.2	2.2	19.8
1958..	97.2	552.5	95.2	539.9	2.0	12.6

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Daytona Beach, FL ⁵.....1972..	5.7	43.5	(D)	(D)	(D)	(D)
Decatur, IL.....1972..	19.7	210.9	19.3	205.9	.4	5.0
1967..	18.5	139.9	18.4	138.7	.1	1.2
1963..	14.0	92.2	(D)	(D)	(D)	(D)
1958..	14.1	71.7	14.0	71.2	.1	.5
Denver-Boulder, CO ³.....1972..	95.5	969.3	88.7	885.0	6.8	84.3
1967..	74.1	554.5	71.6	530.8	2.5	23.7
1963..	69.5	461.8	67.5	443.5	2.1	18.3
1958..	53.7	286.0	52.1	274.3	1.6	11.7
Des Moines, IA ³.....1972..	26.9	271.1	26.0	254.5	.9	16.6
1967..	25.4	184.4	(D)	(D)	(D)	(D)
1963..	21.6	135.0	21.4	134.1	.2	.9
1958..	23.2	119.1	23.0	117.5	.2	1.7
Detroit, MI ³.....1972..	551.6	7,126.7	470.4	5,712.2	81.2	1,414.5
1967..	584.5	5,218.8	503.8	4,296.6	80.7	922.2
1963..	493.9	3,847.2	422.3	3,140.6	71.6	706.6
1958..	467.4	2,972.1	405.0	2,480.3	62.4	491.8
Dubuque, IA.....1972..	15.0	166.1	(D)	(D)	(D)	(D)
1967..	12.3	91.0	12.3	91.0	-	-
1963..	10.9	70.4	10.9	70.4	-	-
1958..	10.6	55.9	10.4	55.4	.2	.6
Duluth-Superior, MN-WI.....1972..	10.4	85.0	10.0	80.3	.4	4.7
1967..	12.0	74.2	11.9	73.4	.1	.8
1963..	11.5	60.6	11.5	60.3	(Z)	.3
1958..	11.4	56.4	11.3	55.9	.1	.5
El Paso, TX.....1972..	26.0	157.5	25.8	155.3	.2	2.2
1967..	18.9	85.1	18.9	84.9	(Z)	.2
1963..	14.9	62.0	(D)	(D)	(D)	(D)
1958..	11.5	43.1	11.2	41.2	.3	1.9
Elmira, NY ⁵.....1972..	13.9	128.0	13.2	121.2	.7	6.8
Erie, PA.....1972..	42.5	408.2	(D)	(D)	(D)	(D)
1967..	42.3	298.4	42.1	296.8	.2	1.6
1963..	36.4	220.8	35.7	215.8	.7	5.1
1958..	34.9	178.8	34.9	178.8	-	-
Eugene-Springfield, OR.....1972..	19.5	185.4	19.3	182.4	.2	3.0
1967..	18.2	120.4	(D)	(D)	(D)	(D)
1963..	18.3	100.9	(D)	(D)	(D)	(D)
1958..	14.1	68.3	(D)	(D)	(D)	(D)
Evansville, IN-KY: ⁴						
New definition.....1972..	36.3	324.0	35.9	319.4	.4	4.6
Old definition.....1972..	(D)	(D)	(D)	(D)	(D)	(D)
1967..	34.0	215.5	(D)	(D)	(D)	(D)
1963..	26.2	146.2	(D)	(D)	(D)	(D)
1958..	27.1	128.2	27.1	128.0	(Z)	.1
Fall River, MA-RI ³.....1972..	25.5	175.1	(D)	(D)	(D)	(D)
1967..	21.3	93.3	(D)	(D)	(D)	(D)
1963..	23.4	88.0	(D)	(D)	(D)	(D)
1958..	23.7	74.5	(D)	(D)	(D)	(D)
Fargo-Moorhead, ND-MN.....1972..	3.5	27.9	3.5	27.7	(Z)	.2
1967..	2.5	16.4	2.5	16.4	-	-
1963..	2.3	11.7	2.3	11.7	-	-
1958..	2.7	11.4	2.7	11.4	-	-
Fayetteville, NC.....1972..	10.5	71.0	(D)	(D)	(D)	(D)
1967..	6.5	28.3	(D)	(D)	(D)	(D)
Fayetteville-Springdale, AR ⁵.....1972..	16.2	95.6	16.0	93.0	.2	2.6
Fitchburg-Leominster, MA.....1972..	16.1	136.6	(D)	(D)	(D)	(D)
1967..	18.3	115.6	(D)	(D)	(D)	(D)
1963..	17.5	92.1	(D)	(D)	(D)	(D)
1958..	17.0	74.0	16.9	72.8	.1	1.2
Flint, MI ³.....1972..	(D)	(D)	(D)	(D)	(D)	(D)
1967..	(D)	(D)	(D)	(D)	(D)	(D)
1963..	68.9	563.5	(D)	(D)	(D)	(D)
1958..	58.8	348.1	58.7	347.4	.1	.7
Florence, AL ⁵.....1972..	11.9	111.8	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Fort Lauderdale-Hollywood, FL.....1972..	25.0	195.5	24.6	190.2	0.4	5.3
1967..	15.8	94.8	(D)	(D)	(D)	(D)
1963..	9.8	43.6	(D)	(D)	(D)	(D)
1958..	6.4	26.3	6.2	25.3	.2	1.1
Fort Myers, FL ⁵.....1972..	2.3	15.1	(D)	(D)	(D)	(D)
Fort Smith, AR-OK.....1972..	18.8	120.3	18.6	117.7	.2	2.6
1967..	14.1	64.6	(D)	(D)	(D)	(D)
1963..	12.3	47.6	(D)	(D)	(D)	(D)
1958..	9.7	32.4	9.7	32.4	-	-
Fort Wayne, IN: ⁴						
New definition.....1972..	57.5	593.8	54.0	546.7	3.5	47.1
Old definition.....1972..	45.1	492.5	41.5	444.0	3.6	48.5
1967..	42.9	339.0	40.5	315.6	2.4	23.4
1963..	36.1	247.0	34.1	228.3	2.0	18.7
1958..	33.3	183.5	31.3	168.8	1.9	14.8
Fresno, CA.....1972..	18.6	149.0	18.2	144.7	.4	4.3
1967..	15.5	91.7	15.4	91.0	.1	.7
1963..	14.3	75.0	14.3	74.6	.1	.3
1958..	12.5	55.3	12.4	54.8	.1	.5
Gadsden, AL.....1972..	11.3	112.2	(D)	(D)	(D)	(D)
1967..	12.4	88.0	12.4	88.0	-	-
1963..	9.6	62.8	9.6	62.8	-	-
1958..	11.7	58.7	11.7	58.7	-	-
Gainesville, FL ⁵.....1972..	3.8	26.9	3.8	26.9	-	-
Galveston-Texas City, TX.....1972..	10.9	124.3	10.6	119.8	.3	4.5
1967..	10.1	88.4	9.7	84.1	.4	4.3
1963..	9.5	71.6	(D)	(D)	(D)	(D)
1958..	10.9	66.4	10.6	63.8	.3	2.6
Gary-Hammond-East Chicago, IN.....1972..	99.4	1,141.6	98.5	1,132.2	.9	9.4
1967..	105.0	852.3	104.2	846.2	.8	6.1
1963..	98.0	722.4	96.5	709.1	1.4	13.3
1958..	100.0	613.5	98.3	600.6	1.7	12.9
Grand Rapids, MI.....1972..	74.9	712.8	74.4	706.6	.5	6.2
1967..	75.7	540.9	75.3	535.8	.4	5.1
1963..	64.6	393.2	64.3	390.7	.3	2.5
1958..	56.5	291.7	56.3	290.6	.2	1.1
Great Falls, MT.....1972..	2.5	21.5	(D)	(D)	(D)	(D)
1967..	2.5	16.1	(D)	(D)	(D)	(D)
1963..	2.9	15.9	(D)	(D)	(D)	(D)
1958..	2.4	13.2	2.8	13.2	-	-
Green Bay, WI.....1972..	17.5	171.7	17.3	169.4	.2	2.3
1967..	16.2	114.8	(D)	(D)	(D)	(D)
1963..	13.5	81.7	(D)	(D)	(D)	(D)
1958..	12.2	60.0	12.2	59.7	(Z)	.3
Greensboro--Winston-Salem-- Highpoint, NC: ⁴						
New definition.....1972..	138.0	1,022.4	129.1	909.4	8.9	113.0
Old definition.....1972..	118.4	896.8	109.5	783.8	8.9	113.0
1967..	110.9	596.6	103.4	521.1	7.5	75.5
Greenville-Spartanburg, SC: ⁴						
New definition.....1972..	98.2	682.0	94.1	63.3	4.1	47.7
Old definition.....1972..	60.3	414.4	58.4	393.3	1.9	21.1
1967..	52.8	257.1	51.7	249.3	1.1	7.8
1963..	45.3	177.0	45.0	174.7	.3	2.3
1958..	36.8	118.6	36.6	117.2	.2	1.4
Hamilton-Middletown, OH.....1972..	28.5	318.0	25.7	276.0	2.8	42.0
1967..	29.5	251.7	26.8	214.3	2.7	37.4
1963..	26.2	195.1	(D)	(D)	(D)	(D)
1958..	30.9	192.0	29.2	172.5	1.7	19.5
Harrisburg, PA.....1972..	40.1	324.8	36.7	290.2	3.4	34.6
1967..	37.9	233.1	35.3	207.5	2.6	25.6
1963..	33.5	165.1	31.4	148.3	2.0	16.8
1958..	33.4	137.0	32.5	130.5	.9	6.4
Hartford, CT ³.....1972..	86.4	893.5	81.4	828.1	5.0	65.4
1967..	110.6	901.7	104.6	832.1	6.0	69.6
1963..	90.2	589.5	(D)	(D)	(D)	(D)
1958..	88.5	458.6	84.3	428.4	4.2	30.2

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Honolulu, HI.....1972..	19.6	148.6	18.9	138.0	0.7	10.6
1967..	19.5	107.5	18.5	98.2	1.0	9.3
1963..	18.0	80.6	(D)	(D)	(D)	(D)
1958..	16.0	55.7	15.1	52.3	.9	3.4
Houston, TX ³.....1972..	162.7	1,691.7	148.4	1,463.0	14.3	228.7
1967..	138.1	1,061.8	126.9	941.9	11.2	119.9
1963..	108.6	720.3	102.5	661.9	6.1	58.4
1958..	104.5	579.4	100.5	549.4	4.0	30.0
Huntington-Ashland, WV-KY-OH ³.....1972..	25.7	254.4	24.2	237.5	1.5	16.9
1967..	27.4	194.9	26.3	184.2	1.1	10.7
1963..	23.6	145.7	(D)	(D)	(D)	(D)
1958..	22.8	117.9	22.1	113.7	.7	4.2
Huntsville, AL: ⁴						
New definition.....1972..	27.8	247.8	27.6	245.4	.2	2.4
Old definition.....1972..	21.8	212.1	(D)	(D)	(D)	(D)
1967..	17.7	133.4	(D)	(D)	(D)	(D)
1963..	13.3	86.8	(D)	(D)	(D)	(D)
1958..	6.8	30.9	6.5	29.4	.2	1.5
Indianapolis, IN.....1972..	122.5	1,311.8	117.3	1,249.8	5.2	62.0
1967..	134.7	1,009.7	131.2	973.9	3.5	35.8
1963..	115.8	751.2	112.5	723.8	3.3	27.4
1958..	105.6	574.3	104.1	564.3	1.5	10.0
Jackson, MI.....1972..	17.3	173.9	16.8	167.1	.5	6.8
1967..	19.4	146.3	19.1	143.0	.3	3.3
1963..	16.5	107.5	15.9	103.0	.6	4.4
1958..	14.9	81.0	14.9	80.9	(Z)	(Z)
Jackson, MS.....1972..	15.6	105.9	15.3	102.6	.3	3.3
1967..	13.8	72.1	13.4	70.0	.4	2.1
1963..	11.6	50.6	11.5	49.5	.1	1.1
1958..	11.2	41.5	11.1	41.1	.1	.4
Jacksonville, FL: ⁴						
New definition.....1972..	28.4	235.1	28.0	230.1	.4	5.0
Old definition.....1972..	24.2	198.9	23.8	193.9	.4	5.0
1967..	23.1	141.8	22.7	139.2	.4	2.6
1963..	20.6	101.8	20.2	99.1	.3	2.7
1958..	19.2	77.7	19.1	76.9	.1	.9
Jersey City, NJ.....1972..	95.3	849.4	93.0	821.0	2.3	28.4
1967..	107.2	737.8	104.4	708.8	2.8	29.0
1963..	109.5	633.4	106.6	611.6	3.0	21.9
1958..	124.3	619.2	120.7	591.6	3.7	27.6
Johnstown, PA.....1972..	23.1	204.4	(D)	(D)	(D)	(D)
1967..	25.1	161.4	(D)	(D)	(D)	(D)
1963..	23.0	128.1	(D)	(D)	(D)	(D)
1958..	23.6	110.2	23.5	108.9	.2	1.3
Kalamazoo-Portage, MI: ⁴						
New definition.....1972..	32.1	335.1	29.8	298.5	2.3	36.6
Old definition.....1972..	27.1	297.7	24.8	261.7	2.3	36.0
1967..	30.2	235.6	28.3	213.7	1.9	21.9
1963..	25.9	171.1	24.2	154.9	1.7	16.2
1958..	25.1	136.5	24.3	132.0	.7	4.5
Kansas City, MO-KS ³.....1972..	118.8	1,144.2	113.6	1,087.0	5.2	57.2
1967..	129.4	906.6	125.3	869.8	4.1	36.8
1963..	111.1	684.5	107.1	654.6	4.0	29.9
1958..	103.1	523.8	100.3	506.5	2.8	17.3
Kenosha, WI.....1972..	15.8	178.7	(D)	(D)	(D)	(D)
1967..	16.3	117.4	16.3	117.4	-	-
1963..	22.5	150.5	(D)	(D)	(D)	(D)
1958..	15.5	84.7	15.4	84.1	.1	.6
Killeen-Temple, TX ⁵.....1972..	5.1	33.8	5.1	33.5	(Z)	.3
Kingsport-Bristol, TN-VA ⁵.....1972..	33.3	302.6	33.3	302.6	-	-
Knoxville, TN ³.....1972..	40.9	324.6	40.8	323.2	.1	1.4
1967..	38.9	222.2	38.9	221.9	(Z)	.3
1963..	34.9	175.9	34.6	175.1	.2	.7
1958..	31.1	135.9	31.0	135.5	.1	.4
La Crosse, WI ⁵.....1972..	8.4	69.5	8.4	69.5	-	-

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Lafayette, LA.....1972..	2.7	19.1	(D)	(D)	(D)	(D)
1967..	2.0	10.6	(D)	(D)	(D)	(D)
1963..	1.7	7.6	(D)	(D)	(D)	(D)
1958..	1.7	6.1	(D)	(D)	(D)	(D)
Lafayette-West Lafayette, IN.....1972..	11.1	107.7	(D)	(D)	(D)	(D)
1967..	10.9	79.1	(D)	(D)	(D)	(D)
Lake Charles, LA.....1972..	9.3	104.1	9.2	103.8	.1	.3
1967..	8.2	66.3	8.1	66.0	.1	.3
1963..	7.9	53.5	(D)	(D)	(D)	(D)
1958..	7.9	45.3	(D)	(D)	(D)	(D)
Lakeland-Winter Haven, FL ⁵.....1972..	14.9	116.8	(D)	(D)	(D)	(D)
Lancaster, PA.....1972..	53.0	446.4	50.7	416.4	2.3	30.0
1967..	54.1	333.1	52.0	311.2	2.1	21.9
1963..	47.9	255.1	(D)	(D)	(D)	(D)
1958..	43.9	190.2	42.3	177.3	1.6	12.9
Lansing-East Lansing, MI: ⁴						
New definition.....1972..	42.1	504.3	41.7	499.9	.4	4.4
Old definition.....1972..	37.9	465.5	37.5	461.1	.4	4.4
1967..	36.4	307.4	36.3	306.8	.1	.6
1963..	28.4	220.0	28.1	217.4	.3	2.6
1958..	25.8	150.9	24.7	144.9	1.1	6.0
Laredo, TX.....1972..	1.2	6.4	(D)	(D)	(D)	(D)
1967..	.7	2.7	.7	2.7	-	-
1963..	.9	2.7	.9	2.7	-	-
1958..	.9	2.2	.9	2.1	-	-
Las Vegas, NV.....1972..	4.3	40.3	(D)	(D)	(D)	(D)
1967..	3.9	28.4	3.9	28.4	-	-
1963..	3.9	24.9	3.9	24.9	-	-
1958..	2.4	13.7	2.4	13.7	-	-
Lawrence-Haverhill, MA-NH ³.....1972..	39.3	337.1	38.3	322.9	1.0	14.2
1967..	39.9	245.3	39.5	240.1	.4	5.2
1963..	42.0	214.3	(D)	(D)	(D)	(D)
1958..	36.4	149.3	36.1	147.1	.3	2.2
Lawton, OK.....1972..	1.5	8.9	1.5	8.9	-	-
1967..	1.2	5.8	1.2	5.8	-	-
1963..	1.0	4.5	1.0	4.5	-	-
1958..	.8	2.9	(D)	(D)	(D)	(D)
Lewiston-Auburn, ME.....1972..	10.7	63.4	(D)	(D)	(D)	(D)
1967..	13.5	60.1	(D)	(D)	(D)	(D)
1963..	12.5	48.2	(D)	(D)	(D)	(D)
1958..	13.0	42.5	13.0	41.9	.1	.5
Lexington, KY: ⁴						
New definition.....1972..	25.5	227.7	24.8	221.0	.7	6.7
Old definition.....1972..	16.3	158.5	16.3	158.5	-	-
1967..	16.0	111.6	15.7	109.5	.3	2.1
1963..	10.9	65.7	(D)	(D)	(D)	(D)
1958..	7.8	36.6	7.7	35.8	.1	.9
Lima, OH: ⁴						
New definition.....1972..	28.2	275.7	(D)	(D)	(D)	(D)
Old definition.....1972..	22.4	264.3	(D)	(D)	(D)	(D)
1967..	22.6	160.7	(D)	(D)	(D)	(D)
1963..	14.9	93.3	(D)	(D)	(D)	(D)
1958..	13.5	71.4	13.5	71.3	(Z)	.1
Lincoln, NE.....1972..	11.6	96.3	11.5	95.2	.1	1.1
1967..	9.5	57.9	9.3	56.0	.2	1.9
1963..	9.1	45.6	8.9	44.8	.2	.8
1958..	8.6	38.9	8.5	38.1	.1	.8
Little Rock-North Little Rock, AR.....1972..	27.9	194.9	27.7	192.9	.2	2.0
1967..	24.2	123.5	23.9	120.9	.3	2.6
1963..	16.5	67.5	(D)	(D)	(D)	(D)
1958..	13.4	47.5	13.4	47.4	(Z)	.1
Long Branch-Asbury Park, NJ ⁵.....1972..	26.1	234.8	21.4	163.2	4.7	71.6
Lorain-Elyria, OH.....1972..	36.1	412.1	35.4	403.6	.7	8.5
1967..	33.8	263.1	33.1	256.5	.7	6.6
1963..	29.8	214.1	(D)	(D)	(D)	(D)
1958..	24.7	143.5	23.7	137.6	1.0	6.0

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Los Angeles-Long Beach, CA.....1972..	778.9	7,653.6	753.1	7,333.5	25.8	320.1
1967..	855.4	6,692.5	836.8	6,484.1	18.6	208.4
1963..	745.0	5,118.5	727.0	4,939.2	18.0	179.3
1958..	697.2	3,971.5	681.6	3,849.4	15.7	122.0
Louisville, KY-IN ³.....1972..	113.4	1,073.7	108.0	1,007.4	5.4	66.3
1967..	110.0	750.5	104.7	699.5	5.3	51.0
1963..	87.7	542.5	84.0	510.5	3.7	32.0
1958..	86.7	434.6	83.2	412.3	3.5	22.2
Lowell, MA-NH ³.....1972..	22.4	187.0	20.6	162.1	1.8	24.9
1967..	22.6	134.8	20.8	116.3	1.8	18.5
1963..	21.1	102.6	(D)	(D)	(D)	(D)
1958..	19.1	70.5	19.0	69.1	.2	1.4
Lubbock, TX.....1972..	7.1	48.3	(D)	(D)	(D)	(D)
1967..	6.0	32.3	(D)	(D)	(D)	(D)
1963..	5.4	25.4	(D)	(D)	(D)	(D)
1958..	4.2	17.4	4.2	17.4	-	-
Lynchburg, VA ³.....1972..	24.4	191.3	22.0	168.6	2.4	22.7
1967..	20.1	115.3	18.7	101.4	1.4	13.9
1963..	18.0	86.9	(D)	(D)	(D)	(D)
1958..	15.8	56.7	15.2	53.9	.5	2.8
Macon, GA ³.....1972..	13.2	98.5	12.7	92.4	.5	6.1
1967..	14.5	79.2	(D)	(D)	(D)	(D)
1963..	11.1	48.8	(D)	(D)	(D)	(D)
1958..	10.9	38.5	10.7	37.1	.2	1.4
Madison, WI.....1972..	16.2	163.7	14.6	139.4	1.6	24.3
1967..	16.3	118.4	15.1	105.2	1.2	13.2
1963..	13.5	83.1	12.4	75.6	1.0	7.5
1958..	12.4	63.3	11.7	58.0	.6	5.3
Manchester, NH ³.....1972..	18.4	124.3	(D)	(D)	(D)	(D)
1967..	18.0	90.8	(D)	(D)	(D)	(D)
1963..	16.9	71.9	(D)	(D)	(D)	(D)
1958..	18.4	64.9	18.1	63.6	.3	1.3
Mansfield, OH.....1972..	22.6	225.8	(D)	(D)	(D)	(D)
1967..	23.6	177.5	(D)	(D)	(D)	(D)
McAllen-Pharr-Edinburg, TX.....1972..	3.1	15.6	(D)	(D)	(D)	(D)
1967..	2.4	9.3	(D)	(D)	(D)	(D)
Melbourne-Titusville-Cocoa, FL ⁵....1972..	13.6	161.6	13.2	154.6	.4	7.0
Memphis, TN-AR-MS ³.....1972..	64.2	525.9	62.7	509.5	1.5	16.4
1967..	57.4	332.8	56.1	321.4	1.3	11.4
1963..	47.1	241.4	46.2	233.9	1.0	7.5
1958..	41.9	178.1	41.3	175.2	.6	2.9
Meriden, CT.....1972..	6.6	55.8	6.0	47.7	.6	8.1
1967..	8.4	63.6	(D)	(D)	(D)	(D)
1963..	7.4	45.0	(D)	(D)	(D)	(D)
1958..	8.7	43.9	(D)	(D)	(D)	(D)
Miami, FL.....1972..	86.0	608.9	84.3	585.9	1.7	23.0
1967..	58.3	302.9	57.6	295.2	.7	7.7
1963..	43.2	192.6	42.7	186.8	.5	5.7
1958..	36.9	143.1	36.5	140.1	.4	3.0
Midland, TX.....1972..	1.4	10.3	1.2	8.5	.2	1.8
1967..	.7	4.4	(D)	(D)	(D)	(D)
1963..	.5	3.7	(D)	(D)	(D)	(D)
1958..	.5	2.7	(D)	(D)	(D)	(D)
Milwaukee, WI.....1972..	200.0	2,025.4	193.6	1,945.9	6.4	79.5
1967..	216.5	1,628.8	207.6	1,544.7	8.9	84.1
1963..	193.8	1,271.9	187.8	1,219.9	6.0	52.1
1958..	189.5	1,041.7	185.0	1,012.1	4.6	29.6
Minneapolis-St. Paul, MN-WI ³.....1972..	199.0	2,048.0	173.9	1,718.3	25.1	329.7
1967..	203.7	1,524.9	181.0	1,313.4	22.7	211.5
1963..	163.8	1,056.0	149.6	940.8	14.2	115.1
1958..	146.0	766.2	135.1	696.6	10.9	69.6
Mobile, AL.....1972..	23.5	200.8	22.9	191.8	.6	9.0
1967..	20.3	130.8	20.2	130.1	.1	.7
1963..	18.5	101.1	(D)	(D)	(D)	(D)
1958..	19.0	87.8	18.9	87.3	.1	.5

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Modesto, CA ⁵.....1972..	15.6	129.1	15.3	124.4	0.3	4.7
Monroe, LA.....1972..	6.4	57.1	6.0	52.4	.4	4.7
.....1967..	6.2	40.6	(D)	(D)	(D)	(D)
.....1963..	5.7	30.5	(D)	(D)	(D)	(D)
.....1958..	6.0	26.6	6.0	26.6	-	-
Montgomery, AL: ⁴						
New definition.....1972..	11.5	74.7	11.4	73.8	.1	.9
Old definition.....1972..	9.6	61.5	(D)	(D)	(D)	(D)
.....1967..	9.0	43.6	(D)	(D)	(D)	(D)
.....1963..	7.6	30.6	(D)	(D)	(D)	(D)
.....1958..	7.3	23.1	7.3	23.1	-	-
Muncie, IN.....1972..	17.1	163.5	16.5	157.2	.6	6.3
.....1967..	18.6	143.0	(D)	(D)	(D)	(D)
.....1963..	16.7	110.1	(D)	(D)	(D)	(D)
.....1958..	15.0	83.0	15.0	82.9	(Z)	.1
Muskegon-Muskegon Heights, MI ³.....1972..	22.8	226.4	22.5	222.4	.3	4.0
.....1967..	28.5	213.3	28.2	210.7	.3	2.6
.....1963..	25.1	163.9	24.9	162.0	.3	1.9
.....1958..	23.5	124.5	23.3	123.2	.2	1.3
Nashua, NH ⁵.....1972..	18.4	165.0	(D)	(D)	(D)	(D)
Nashville-Davidson, TN: ⁴						
New definition.....1972..	72.0	549.4	69.1	522.3	2.9	27.1
Old definition.....1972..	56.2	446.8	53.5	422.0	2.7	24.8
.....1967..	54.1	317.4	52.0	299.2	2.1	18.2
.....1963..	46.5	226.2	45.2	218.7	1.3	7.5
.....1958..	40.0	166.1	37.9	155.3	2.1	10.9
Nassau-Suffolk, NY ⁵.....1972..	150.2	1,474.3	145.3	1,422.3	4.9	52.0
New Bedford, MA ³.....1972..	24.1	168.7	23.8	165.7	.3	3.0
.....1967..	25.1	126.4	24.7	124.3	.4	2.1
.....1963..	25.4	105.2	(D)	(D)	(D)	(D)
.....1958..	26.5	90.8	26.5	90.6	(Z)	.2
New Britain, CT.....1972..	28.1	259.1	(D)	(D)	(D)	(D)
.....1967..	33.5	241.6	(D)	(D)	(D)	(D)
.....1963..	29.8	172.2	(D)	(D)	(D)	(D)
.....1958..	31.4	149.9	31.4	149.9	-	-
New Brunswick-Perth Amboy-Sayreville, NJ ⁵.....1972..	80.5	817.1	72.1	706.8	8.4	110.3
New Haven-West Haven, CT: ⁴						
New definition.....1972..	45.5	410.5	44.9	402.9	.6	7.6
Old definition.....1972..	(D)	(D)	(D)	(D)	(D)	(D)
.....1967..	46.1	321.3	45.1	311.0	1.0	10.3
.....1963..	43.0	253.1	(D)	(D)	(D)	(D)
.....1958..	42.5	205.8	42.2	202.2	.3	3.6
New London-Norwich, CT-RI: ⁴						
New definition.....1972..	29.2	276.7	29.1	275.8	.1	.9
Old definition.....1972..	27.0	260.5	(D)	(D)	(D)	(D)
.....1967..	29.9	222.0	(D)	(D)	(D)	(D)
.....1963..	30.1	209.0	(D)	(D)	(D)	(D)
.....1958..	23.6	129.1	(D)	(D)	(D)	(D)
New Orleans, LA.....1972..	54.6	480.7	53.0	464.9	1.6	15.8
.....1967..	55.5	380.0	54.4	371.8	1.1	8.2
.....1963..	49.1	282.9	48.8	280.8	.3	2.2
.....1958..	47.5	212.4	47.3	210.7	.3	1.7
New York, NY-NJ ³.....1972..	949.2	8,862.5	810.7	6,774.2	138.5	2,088.3
.....1967..	1,147.4	8,112.7	1,023.5	6,654.7	123.9	1,458.0
.....1963..	1,147.2	6,849.4	1,034.0	5,713.4	113.2	1,136.1
.....1958..	1,184.0	5,876.9	1,075.1	4,984.7	109.4	892.2
Newark, NJ ³.....1972..	271.8	2,795.3	234.3	2,244.7	37.5	550.6
.....1967..	263.7	1,958.4	238.2	1,698.5	25.5	259.9
.....1963..	250.2	1,613.8	224.6	1,379.4	25.7	234.4
.....1958..	245.6	1,289.8	226.7	1,155.8	19.0	134.1
Newport News-Hampton, VA: ⁴						
New definition.....1972..	35.5	322.0	35.0	315.9	.5	6.1
Old definition.....1972..	33.7	305.2	(D)	(D)	(D)	(D)
.....1967..	27.0	192.7	(D)	(D)	(D)	(D)
.....1963..	24.7	157.0	(D)	(D)	(D)	(D)
.....1958..	17.2	88.5	17.1	88.0	.1	.4

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Norfolk-Virginia Beach- Portsmouth, VA-NC: ⁴						
New definition.....1972..	27.6	206.6	27.2	202.0	0.4	4.6
Old definition.....1972..	26.0	185.8	25.6	181.5	.4	4.3
1967..	19.0	109.3	18.6	106.1	.4	3.2
1963..	16.1	82.1	15.8	79.8	.3	2.3
1958..	15.2	63.4	14.9	61.4	.3	2.0
Northeast Pennsylvania ⁶.....1972..	82.8	540.1	81.7	531.0	1.1	9.1
1967..	83.4	390.5	82.0	382.2	1.4	8.3
1963..	72.8	280.0	(D)	(D)	(D)	(D)
1958..	66.0	217.6	65.8	217.1	.2	.7
Norwalk, CT ³.....1972..	17.7	175.6	17.2	169.9	.5	5.7
1967..	20.8	157.2	(D)	(D)	(D)	(D)
1963..	17.6	109.3	(D)	(D)	(D)	(D)
1958..	14.2	66.7	(D)	(D)	(D)	(D)
Odessa, TX.....1972..	4.0	37.2	3.5	31.5	.5	5.7
1967..	3.4	25.7	(D)	(D)	(D)	(D)
1963..	2.2	13.5	(D)	(D)	(D)	(D)
1958..	1.9	10.3	(D)	(D)	(D)	(D)
Oklahoma City, OK ³.....1972..	41.0	347.1	38.4	319.5	2.6	27.6
1967..	29.3	185.1	27.9	174.5	1.4	10.6
1963..	27.2	153.1	26.1	145.0	1.1	8.2
1958..	19.1	87.0	17.9	79.3	1.1	7.6
Omaha, NE-IA.....1972..	38.0	341.1	37.0	329.7	1.0	11.4
1967..	36.6	249.4	35.9	242.7	.7	6.7
1963..	35.1	206.8	34.3	200.2	.7	6.6
1958..	33.0	160.9	32.4	156.2	.6	4.7
Orlando, FL ³.....1972..	25.4	230.8	25.1	227.5	.3	3.3
1967..	21.7	157.9	20.9	151.2	.8	6.7
1963..	19.4	124.9	(D)	(D)	(D)	(D)
1958..	10.8	55.4	10.3	52.8	.5	2.6
Owensboro, KY ⁵.....1972..	8.0	65.7	(D)	(D)	(D)	(D)
Oxnard-Simi Valley-Ventura, CA.....1972..	14.8	142.2	14.5	137.8	.3	4.4
1967..	10.8	83.2	(D)	(D)	(D)	(D)
Parkersburg-Marietta, WV-OH ⁵.....1972..	18.0	173.0	(D)	(D)	(D)	(D)
Paterson-Clifton-Passaic, NJ:						
New definition.....1972..	75.5	671.6	71.9	620.0	3.6	51.6
Old definition.....1972..	185.7	1,751.5	168.4	1,521.2	17.3	230.3
1967..	190.0	1,320.8	180.6	1,236.7	9.4	84.1
1963..	176.5	1,053.1	170.8	1,007.6	5.7	45.5
1958..	158.5	806.5	156.3	782.2	2.2	24.3
Pensacola, FL.....1972..	14.0	125.6	13.2	115.1	.8	10.5
1967..	13.2	88.7	(D)	(D)	(D)	(D)
1963..	13.1	75.9	13.1	75.9	-	-
1958..	12.5	58.6	11.9	52.6	.7	6.0
Peoria, IL.....1972..	44.9	519.3	39.6	434.9	5.3	84.4
1967..	46.6	371.3	42.4	326.2	4.2	45.1
1963..	40.1	277.6	(D)	(D)	(D)	(D)
1958..	37.2	195.6	(D)	(D)	(D)	(D)
Petersburg-Colonial Heights- Hopewell, VA ⁵.....1972..	12.1	100.0	(D)	(D)	(D)	(D)
Philadelphia, PA-NJ.....1972..	495.7	4,774.6	465.9	4,377.6	29.8	397.0
1967..	573.8	4,125.2	549.4	3,875.5	24.4	249.7
1963..	535.8	3,310.6	512.8	3,108.7	23.0	201.9
1958..	536.9	2,738.9	515.2	2,573.5	21.7	165.4
Phoenix, AZ.....1972..	71.9	673.6	70.6	654.0	1.3	19.6
1967..	59.3	433.4	58.6	426.1	.7	7.3
1963..	40.9	253.1	40.4	249.3	.4	3.8
1958..	25.8	139.7	25.6	138.1	.2	1.6
Pine Bluff, AR.....1972..	6.1	47.1	6.1	47.1	-	-
1967..	5.7	31.6	(D)	(D)	(D)	(D)
1963..	5.1	24.5	5.1	24.5	-	-
1958..	3.9	15.7	3.9	15.7	(Z)	(Z)
Pittsburgh, PA.....1972..	262.8	2,836.6	222.8	2,261.7	40.0	574.9
1967..	299.6	2,383.0	258.2	1,924.4	41.4	458.6
1963..	272.2	1,925.6	237.2	1,577.8	35.0	347.8
1958..	305.7	1,798.2	269.9	1,523.8	35.9	274.4

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Pittsfield, MA ³.....1972..	16.2	172.9	15.4	163.8	0.8	9.1
.....1967..	16.9	140.0	(D)	(D)	(D)	(D)
.....1963..	16.1	113.6	(D)	(D)	(D)	(D)
.....1958..	14.2	84.0	14.0	82.7	.2	1.2
Portland, ME ³.....1972..	16.3	128.4	(D)	(D)	(D)	(D)
.....1967..	14.7	85.7	(D)	(D)	(D)	(D)
.....1963..	12.4	63.5	(D)	(D)	(D)	(D)
.....1958..	12.9	55.7	12.8	54.7	.1	1.0
Portland, OR-WA.....1972..	86.4	808.9	82.4	757.8	4.0	51.1
.....1967..	79.8	561.0	77.4	540.2	2.4	20.8
.....1963..	65.3	392.8	63.3	377.0	1.9	15.8
.....1958..	58.3	296.2	57.0	288.4	1.3	7.8
Poughkeepsie, NY ⁵.....1972..	22.2	257.5	20.9	239.1	1.3	18.4
Providence-Warwick-Pawtucket, RI-MA ³.....1972..	131.9	994.4	130.3	972.1	1.6	22.3
.....1967..	138.0	789.9	136.7	776.9	1.3	13.0
.....1963..	125.9	596.4	124.6	586.2	1.3	10.1
.....1958..	127.2	509.9	126.1	502.4	1.1	7.5
Provo-Orem, UT.....1972..	8.6	86.2	8.6	86.2	(Z)	(Z)
.....1967..	7.9	59.2	7.9	59.2	-	-
.....1963..	6.9	48.9	6.9	48.9	-	-
.....1958..	7.3	47.1	7.3	47.1	-	-
Pueblo, CO.....1972..	9.0	97.0	9.0	96.4	(Z)	.6
.....1967..	9.4	65.6	(D)	(D)	(D)	(D)
.....1963..	8.8	57.8	(D)	(D)	(D)	(D)
.....1958..	9.7	60.4	9.5	59.2	.2	1.2
Racine, WI.....1972..	25.8	250.3	23.7	228.1	2.1	22.2
.....1967..	26.2	199.3	23.9	179.1	2.3	20.2
.....1963..	22.2	147.2	(D)	(D)	(D)	(D)
.....1958..	21.2	112.7	20.4	107.7	.8	5.0
Raleigh-Durham, NC ⁶.....1972..	32.2	268.2	29.8	239.9	2.4	28.3
.....1967..	28.6	160.8	27.6	151.0	1.0	9.8
Reading, PA.....1972..	51.8	429.5	50.2	410.3	1.6	19.2
.....1967..	56.4	334.3	56.0	329.9	.4	4.4
.....1963..	50.7	255.1	50.1	250.1	.6	5.0
.....1958..	48.4	194.4	48.1	192.1	.3	2.3
Reno, NV.....1972..	3.5	31.3	(D)	(D)	(D)	(D)
.....1967..	2.1	14.7	(D)	(D)	(D)	(D)
.....1963..	2.1	12.8	(D)	(D)	(D)	(D)
.....1958..	1.9	9.8	1.9	9.5	(Z)	.3
Richland-Kennewick, WA ⁵.....1972..	5.9	56.5	5.9	56.5	-	-
Richmond, VA ³.....1972..	50.3	447.3	46.3	401.5	4.0	45.8
.....1967..	51.4	337.8	47.0	294.6	4.4	43.2
.....1963..	46.0	256.6	41.9	222.7	4.1	33.9
.....1958..	43.0	194.7	38.9	169.3	4.1	25.4
Riverside-San Bernardino-Ontario, CA.....1972..	56.3	513.2	55.9	505.6	.4	7.6
.....1967..	46.4	340.7	46.3	338.8	.1	1.9
.....1963..	37.5	238.7	37.5	238.6	(Z)	.2
.....1958..	29.2	156.7	29.2	156.3	.1	.4
Roanoke, VA ³.....1972..	20.9	160.2	(D)	(D)	(D)	(D)
.....1967..	16.9	95.9	(D)	(D)	(D)	(D)
.....1963..	14.7	71.3	(D)	(D)	(D)	(D)
.....1958..	14.3	57.2	14.3	56.8	.1	.5
Rochester, MN ⁵.....1972..	6.4	82.1	(D)	(D)	(D)	(D)
Rochester, NY: ⁴						
New definition.....1972..	142.2	1,625.8	130.3	1,447.4	11.9	178.4
Old definition.....1972..	137.9	1,594.8	(D)	(D)	(D)	(D)
.....1967..	145.7	1,197.8	137.9	1,117.2	7.8	80.6
.....1963..	121.3	837.8	116.3	785.5	5.0	52.3
.....1958..	116.7	640.4	113.3	611.1	3.4	29.3
Rockford, IL.....1972..	53.6	519.9	53.0	513.5	.6	6.4
.....1967..	57.7	430.0	(D)	(D)	(D)	(D)
.....1963..	43.9	272.9	(D)	(D)	(D)	(D)
.....1958..	40.8	211.5	40.8	211.5	-	-

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Sacramento, CA.....1972..	21.8	213.9	21.6	213.2	0.2	0.7
.....1967..	26.6	227.1	(D)	(D)	(D)	(D)
.....1963..	35.3	272.2	35.2	272.0	(Z)	.2
.....1958..	23.9	141.8	23.9	141.6	(Z)	.2
Saginaw, MI.....1972..	33.8	425.9	33.3	421.3	.5	4.6
.....1967..	32.0	269.8	31.7	267.1	.3	2.7
.....1963..	25.8	191.0	25.5	189.0	.2	2.1
.....1958..	21.2	120.7	21.2	120.7	-	-
St. Cloud, MN ⁵.....1972..	7.0	55.5	(D)	(D)	(D)	(D)
St. Joseph, MO ³.....1972..	9.4	76.4	9.4	76.2	(Z)	.2
.....1967..	10.7	65.3	(D)	(D)	(D)	(D)
.....1963..	10.5	57.0	(D)	(D)	(D)	(D)
.....1958..	11.0	50.8	(D)	(D)	(D)	(D)
St. Louis, MO-IL ³.....1972..	256.2	2,608.0	235.2	2,329.5	21.0	278.5
.....1967..	295.5	2,217.3	278.1	2,030.8	17.4	186.5
.....1963..	259.7	1,666.3	244.3	1,539.8	15.5	126.5
.....1958..	262.5	1,353.0	249.0	1,258.8	13.5	94.2
Salem, OR.....1972..	12.1	92.9	12.1	92.9	-	-
.....1967..	9.5	55.5	9.5	55.5	-	-
Salinas-Seaside-Monterey, CA.....1972..	7.5	65.8	7.5	65.6	(Z)	.2
.....1967..	7.0	43.9	7.0	43.9	-	-
Salt Lake City-Ogden, UT ³.....1972..	39.2	332.9	36.5	301.0	2.7	31.9
.....1967..	32.4	213.6	(D)	(D)	(D)	(D)
.....1963..	36.4	215.5	(D)	(D)	(D)	(D)
.....1958..	25.6	120.0	24.8	115.1	.8	4.9
San Angelo, TX.....1972..	3.5	22.2	(D)	(D)	(D)	(D)
.....1967..	3.2	15.6	(D)	(D)	(D)	(D)
.....1963..	2.0	7.8	2.0	7.8	-	-
.....1958..	2.2	6.9	2.2	6.9	-	-
San Antonio, TX ³.....1972..	34.9	229.7	34.6	224.7	.3	5.0
.....1967..	27.4	142.9	(D)	(D)	(D)	(D)
.....1963..	23.6	102.4	(D)	(D)	(D)	(D)
.....1958..	20.9	75.3	20.9	75.1	(Z)	.2
San Diego, CA.....1972..	64.9	658.4	63.3	639.6	1.6	18.8
.....1967..	63.5	521.1	61.1	493.7	2.4	27.4
.....1963..	60.3	453.0	(D)	(D)	(D)	(D)
.....1958..	71.4	447.8	70.9	442.9	.5	4.9
San Francisco-Oakland, CA.....1972..	184.8	1,959.7	163.5	1,676.3	21.3	283.4
.....1967..	197.8	1,577.9	180.8	1,399.6	17.0	178.3
.....1963..	196.2	1,356.6	178.2	1,188.9	18.0	167.8
.....1958..	190.3	1,080.4	176.1	970.9	14.1	109.5
San Jose, CA.....1972..	134.4	1,594.6	123.7	1,448.9	10.7	145.7
.....1967..	120.3	1,081.3	115.4	1,035.4	4.9	45.9
.....1963..	94.7	739.9	93.2	726.3	1.6	13.5
.....1958..	53.9	340.5	51.4	322.7	2.5	17.8
Santa Barbara-Santa Maria-Lompoc, CA.....1972..	10.1	99.5	9.4	84.9	.7	14.6
.....1967..	8.5	56.1	8.4	55.5	.1	.6
.....1963..	7.9	51.9	5.1	29.4	2.7	22.5
.....1958..	3.9	19.0	3.8	17.7	.1	1.2
Santa Cruz, CA ⁵.....1972..	6.9	50.9	(D)	(D)	(D)	(D)
Santa Rosa, CA ⁵.....1972..	7.9	63.9	(D)	(D)	(D)	(D)
Sarasota, FL ⁵.....1972..	4.6	33.6	4.6	33.6	-	-
Savannah, GA ³.....1972..	14.7	128.3	(D)	(D)	(D)	(D)
.....1967..	15.5	93.2	(D)	(D)	(D)	(D)
.....1963..	14.8	75.5	(D)	(D)	(D)	(D)
.....1958..	14.6	63.8	14.6	63.7	(Z)	(Z)
Seattle-Everett, WA.....1972..	108.6	1,195.6	105.0	1,154.9	3.6	40.7
.....1967..	162.2	1,366.7	160.6	1,348.4	1.6	18.3
.....1963..	121.6	855.2	120.2	842.7	1.4	12.6
.....1958..	114.9	659.7	114.3	655.4	.6	4.2
Sherman-Denison, TX.....1972..	8.3	60.3	8.3	60.3	-	-
.....1967..	6.7	33.2	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Shreveport, LA: ⁴						
New definition.....1972..	23.1	185.2	(D)	(D)	(D)	(D)
Old definition.....1972..	19.8	155.9	(D)	(D)	(D)	(D)
1967..	12.9	75.4	(D)	(D)	(D)	(D)
1963..	9.1	45.6	9.1	45.4	(Z)	.2
1958..	9.1	40.8	9.0	40.2	.1	.6
Sioux City, IA-NE.....1972..	10.5	87.7	(D)	(D)	(D)	(D)
1967..	9.2	57.8	9.2	57.4	(Z)	.4
1963..	7.5	41.5	(D)	(D)	(D)	(D)
1958..	8.3	38.8	8.3	38.8	-	-
Sioux Falls, SD.....1972..	6.9	64.6	(D)	(D)	(D)	(D)
1967..	6.9	47.0	(D)	(D)	(D)	(D)
1963..	6.1	36.8	6.0	36.5	(Z)	.2
1958..	6.1	29.1	6.1	29.1	-	-
South Bend, IN.....1972..	30.8	299.1	30.6	297.0	.2	2.1
1967..	35.0	262.0	34.9	261.0	.1	1.0
1963..	37.7	244.2	(D)	(D)	(D)	(D)
1958..	36.9	204.8	36.9	204.6	(Z)	.2
Spokane, WA.....1972..	12.2	115.6	12.1	114.4	.1	1.2
1967..	12.3	89.2	12.0	86.4	.3	2.8
1963..	11.8	76.4	(D)	(D)	(D)	(D)
1958..	12.8	70.1	12.8	70.0	(Z)	.1
Springfield, IL ³.....1972..	11.2	104.0	(D)	(D)	(D)	(D)
1967..	11.1	76.0	11.1	76.0	-	-
1963..	11.6	67.7	11.6	67.7	-	-
1958..	11.2	56.3	11.2	56.3	-	-
Springfield, MO: ⁴						
New definition.....1972..	17.6	129.6	17.4	127.5	.2	2.1
Old definition.....1972..	16.7	123.4	16.5	121.3	.2	2.1
1967..	13.5	71.6	13.5	71.6	-	-
1963..	11.1	50.8	11.1	50.8	-	-
1958..	8.6	33.4	8.6	33.4	-	-
Springfield, OH: ⁴						
New definition.....1972..	20.1	187.2	20.1	186.7	(Z)	.5
Old definition.....1972..	17.1	163.4	17.1	162.9	(Z)	.5
1967..	19.4	136.5	(D)	(D)	(D)	(D)
1963..	16.4	100.6	(D)	(D)	(D)	(D)
1958..	13.1	69.6	(D)	(D)	(D)	(D)
Springfield-Chicopee-Holyoke, MA-CT ³.....1972..	62.1	526.4	61.3	516.9	.8	9.5
1967..	73.3	463.8	72.3	454.1	1.0	9.7
1963..	67.4	370.3	66.3	359.7	1.1	10.6
1958..	71.8	344.0	70.1	331.4	1.7	12.6
Stamford, CT.....1972..	27.5	330.3	19.5	199.7	8.0	130.6
1967..	24.6	192.6	21.1	155.5	3.5	37.1
1963..	23.7	163.1	19.4	124.9	4.4	38.1
1958..	19.4	105.7	17.0	91.0	2.5	14.6
Steubenville-Weirton, OH-WV.....1972..	29.0	329.3	27.8	312.9	1.2	16.4
1967..	28.4	230.3	27.2	220.0	1.2	10.3
1963..	28.6	206.0	(D)	(D)	(D)	(D)
1958..	29.8	172.9	29.3	168.0	.6	4.9
Stockton, CA.....1972..	18.2	168.1	(D)	(D)	(D)	(D)
1967..	16.5	113.1	(D)	(D)	(D)	(D)
1963..	14.4	84.4	(D)	(D)	(D)	(D)
1958..	12.7	61.3	12.7	61.3	-	-
Syracuse, NY.....1972..	60.5	592.5	57.7	557.3	2.8	35.2
1967..	68.2	506.2	65.5	479.5	2.7	26.7
1963..	67.1	423.5	63.7	396.0	3.4	27.5
1958..	69.5	366.7	66.6	349.8	2.9	16.9
Tacoma, WA.....1972..	20.4	204.8	18.6	176.2	1.8	28.6
1967..	19.8	143.1	18.4	128.0	1.4	15.1
1963..	16.6	98.9	(D)	(D)	(D)	(D)
1958..	16.6	82.7	15.7	76.8	1.0	5.9
Tallahassee, FL ³.....1972..	2.2	16.4	2.2	16.4	-	-
1967..	1.6	7.6	1.6	7.6	-	-

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Tampa-St. Petersburg, FL: ⁴						
New definition.....1972..	59.8	469.3	58.6	455.4	1.2	13.9
Old definition.....1972..	57.5	452.2	56.2	437.5	1.3	14.7
1967..	46.7	271.6	45.9	265.6	.8	6.0
1963..	36.7	189.1	36.3	186.2	.4	2.9
1958..	32.2	121.9	31.5	117.4	.7	4.5
Terre Haute, IN.....1972..	14.9	123.4	14.8	122.6	.1	.8
1967..	14.0	85.6	13.9	84.8	.1	.8
1963..	11.5	60.7	(D)	(D)	(D)	(D)
1958..	12.3	55.2	12.3	55.0	.1	.3
Texarkana, TX-Texarkana, AR: ⁴						
New definition.....1972..	9.0	66.6	9.0	66.6	-	-
Old definition.....1972..	(D)	(D)	(D)	(D)	-	-
1967..	10.7	61.0	10.7	61.0	-	-
1963..	5.6	25.9	5.6	25.9	-	-
1958..	3.0	10.6	3.0	10.6	-	-
Toledo, OH-MI: ⁴						
New definition.....1972..	91.2	986.9	82.9	869.2	8.3	117.7
Old definition.....1972..	82.3	914.2	74.1	797.5	8.2	116.7
1967..	77.7	616.4	71.2	547.7	6.5	68.7
1963..	70.7	486.0	65.3	435.8	5.4	50.2
1958..	70.8	410.0	66.6	376.0	4.2	34.0
Topeka, KS ².....1972..	9.5	87.8	(D)	(D)	(D)	(D)
1967..	8.3	58.2	8.0	55.3	.3	2.9
1963..	6.6	40.3	6.5	39.5	.1	.8
1958..	6.2	30.5	6.0	29.6	.2	.8
Trenton, NJ.....1972..	35.6	362.5	30.8	290.6	4.8	71.9
1967..	38.1	282.7	35.0	247.6	3.1	35.1
1963..	37.8	244.5	33.9	210.6	3.9	33.9
1958..	36.2	182.9	35.1	173.2	1.2	9.7
Tucson, AZ.....1972..	9.1	80.6	(D)	(D)	(D)	(D)
1967..	8.5	59.8	(D)	(D)	(D)	(D)
1963..	8.3	50.8	8.3	50.8	-	-
1958..	8.2	44.9	8.1	44.6	.1	.3
Tulsa, OK: ⁴						
New definition.....1972..	44.9	401.2	41.8	365.2	3.1	36.0
Old definition.....1972..	42.9	385.2	39.8	349.2	3.1	36.0
1967..	41.9	292.7	38.9	265.8	3.0	26.9
1963..	29.9	174.1	27.7	158.7	2.2	15.4
1958..	33.2	171.6	30.7	157.3	2.5	14.3
Tuscaloosa, AL.....1972..	10.9	86.1	(D)	(D)	(D)	(D)
1967..	9.1	52.0	(D)	(D)	(D)	(D)
1963..	7.8	39.5	7.8	39.5	-	-
1958..	7.9	34.7	7.9	34.7	-	-
Tyler, TX.....1972..	12.0	95.1	(D)	(D)	(D)	(D)
1967..	8.8	48.9	8.8	48.9	-	-
1963..	7.2	34.1	7.2	34.1	-	-
1958..	5.6	22.5	(D)	(D)	(D)	(D)
Utica-Rome, NY.....1972..	35.4	308.0	35.2	306.0	.2	2.0
1967..	42.9	282.5	42.2	275.3	.7	7.2
1963..	38.5	218.7	38.2	216.0	.3	2.7
1958..	40.6	194.8	40.3	192.8	.3	2.1
Vallejo-Fairfield-Napa, CA.....1972..	6.2	56.5	(D)	(D)	(D)	(D)
1967..	6.1	42.5	(D)	(D)	(D)	(D)
1963..	4.5	26.3	(D)	(D)	(D)	(D)
1958..	4.5	22.2	4.2	20.3	.3	1.9
Vineland-Millville-Bridgeton, NJ...1972..	22.5	168.8	(D)	(D)	(D)	(D)
1967..	24.1	140.4	24.1	140.4	-	-
Waco, TX.....1972..	12.5	87.5	(D)	(D)	(D)	(D)
1967..	11.0	66.0	(D)	(D)	(D)	(D)
1963..	9.5	47.9	(D)	(D)	(D)	(D)
1958..	8.8	36.4	8.7	35.8	.1	.6
Washington, DC-MD-VA ³.....1972..	55.2	584.1	51.8	530.2	3.4	53.9
1967..	55.5	410.1	53.5	384.3	2.0	25.8
1963..	50.1	324.3	47.0	291.3	3.1	33.0
1958..	34.7	177.7	34.0	172.1	.7	5.6

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
	Employees	Payroll	Employees	Payroll	Employees	Payroll
	(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
STANDARD METROPOLITAN STATISTICAL AREAS--Continued						
Waterbury, CT ³.....1972..	36.4	331.4	35.3	312.0	1.1	19.4 ⁷
.....1967..	42.6	277.4	42.0	272.0	.6	5.4
.....1963..	37.7	222.8	(D)	(D)	(D)	(D)
.....1958..	37.4	189.8	36.6	183.8	.8	6.0
Waterloo-Cedar Falls, IA.....1972..	19.5	208.7	(D)	(D)	(D)	(D)
.....1967..	21.0	151.6	21.0	151.6	-	-
.....1963..	18.3	119.0	(D)	(D)	(D)	(D)
.....1958..	18.0	97.5	18.0	97.5	(Z)	(Z)
West Palm Beach-Boca Raton, FL.....1972..	18.0	187.5	17.7	184.0	.3	3.5
.....1967..	15.4	106.6	15.3	106.2	.1	.4
.....1963..	11.9	73.3	(D)	(D)	(D)	(D)
.....1958..	3.4	14.4	3.4	14.4	-	-
Wheeling, WV-OH.....1972..	13.3	118.3	(D)	(D)	(D)	(D)
.....1967..	16.3	106.6	15.6	100.4	.7	6.2
.....1963..	15.6	92.9	(D)	(D)	(D)	(D)
.....1958..	17.2	85.3	16.3	78.8	.8	6.5
Wichita, KS.....1972..	38.5	359.6	37.4	344.5	1.1	15.1
.....1967..	57.7	415.4	56.9	407.9	.8	7.5
.....1963..	43.3	286.6	42.2	278.6	1.2	8.0
.....1958..	54.5	290.7	54.0	288.2	.5	2.5
Wichita Falls, TX ³.....1972..	5.0	32.6	(D)	(D)	(D)	(D)
.....1967..	3.6	17.6	(D)	(D)	(D)	(D)
.....1963..	3.2	14.9	(D)	(D)	(D)	(D)
.....1958..	3.3	13.5	3.2	13.3	(Z)	.2
Williamsport, PA ⁵.....1972..	18.7	138.1	(D)	(D)	(D)	(D)
Wilmington, DE-NJ-MD.....1972..	64.1	763.6	44.4	459.3	19.7	304.3
.....1967..	68.0	605.1	48.2	358.0	19.8	247.1
.....1963..	59.4	468.6	42.3	283.5	17.1	185.1
.....1958..	58.7	380.8	41.4	225.0	17.3	155.8
Wilmington, NC.....1972..	12.1	98.1	12.1	97.6	(Z)	.5
.....1967..	7.9	36.1	7.9	36.1	-	-
Worcester, MA ³.....1972..	45.2	393.6	44.9	389.4	.3	4.2
.....1967..	50.9	340.8	50.4	336.7	.5	4.1
.....1963..	47.6	266.9	(D)	(D)	(D)	(D)
.....1958..	51.1	242.0	51.1	241.6	(Z)	.4
Yakima, WA ⁵.....1972..	6.6	56.5	6.5	55.7	.1	.8
York, PA.....1972..	56.6	464.2	55.8	454.6	.8	9.6
.....1967..	57.0	324.4	56.7	322.1	.3	2.3
.....1963..	48.7	224.1	48.4	221.0	.3	3.1
.....1958..	48.1	195.0	47.9	194.3	.1	.7
Youngstown-Warren, OH.....1972..	86.6	952.8	85.5	925.1	1.1	27.7
.....1967..	82.9	631.7	81.7	621.7	1.2	10.0
.....1963..	69.4	479.2	68.0	467.9	1.4	11.3
.....1958..	76.4	427.3	75.7	421.3	.7	6.0

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown (under 50 thousand dollars or man-hours; under 50 employees).

¹The definitions of the standard consolidated areas and the standard metropolitan statistical areas are shown in appendix F.

²For the SCA listed in the table below (whose definition was revised for 1972), historical data do not include establishments located in the specified SMSA.

Standard consolidated area	Standard metropolitan statistical area
New York, NY-Northeastern New Jersey.....	Nassau-Suffolk in New York

Footnotes continued on next page.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

Footnotes for table 6 --Continued

³For the SMSA's listed in the table below (whose definitions were revised for 1972), historical data do not include establishments located in the specified areas. Data tabulated under the new 1972 definition differ by 5 percent or less from 1972 data tabulated under the old definition.

Standard metropolitan statistical area	County, parish, city, and town	Standard metropolitan statistical area	County, parish, city, and town
Abilene, TX.....	Callahan County	Louisville, KY-IN.....	Bullitt and Oldham Counties
Asheville, NC.....	Madison County	Lowell, MA-NH.....	Pelham town in Hillsborough County, NH
Augusta, GA-SC.....	Columbia County	Lynchburg, VA.....	Appomattox County
Austin, TX.....	Hays County	Wacon, GA.....	Jones and Twiggs Counties
Beaumont-Port Arthur- Orange, TX.....	Hardin County	Manchester, NH.....	Allenstown and Pembroke towns in Merrimack County, Derry and Londonderry towns in Rockingham County
Birmingham, AL.....	St. Clair County	Memphis, TN-AR-MS.....	Tipton County, TN; De Soto County, MS
Boston, MA.....	Boxford town in Essex County; Acton, Boxborough, Carlisle, and Holliston towns in Middlesex County; Bellingham, Foxborough, Franklin, Medway, and Stoughton towns in Norfolk County; Abington and Kingston towns in Plymouth County	Minneapolis-St. Paul, MN-WI.....	Carver, Chisago, Scott, and Wright Counties, MN; St. Croix County, WI
Bridgeport, CT.....	Derby city in New Haven County	Muskegon-Muskegon Heights, MI.....	Oceana County
Brockton, MA.....	Halifax town in Plymouth County. The following are included in historical data only: Stoughton town in Norfolk County, Abington and Hanson towns in Plymouth County	New Bedford, MA.....	Freetown town in Bristol County, Lakeville town in Plymouth County
Canton, OH.....	Carroll County	New York, NY-NJ.....	Bergen County, NJ; and Putnam County, NY. The following are included in historical data only: Nassau and Suffolk Counties, NY
Charleston, WV.....	Putnam County	Newark, NJ.....	Somerset County
Chattanooga, TN-GA.....	Marion and Sequatchie Counties, TN; Catoosa and Dade Counties, GA	Norwalk, CT.....	Weston town in Fairfield County
Colorado Springs, CO.....	Teller County	Oklahoma City, OK.....	McClain and Pottawatomie Counties
Columbus, GA-AL.....	Columbus city, GA. The following are included in historical data only: Muscogee County, GA	Orlando, FL.....	Osceola County
Columbus, OH.....	Fairfield and Madison Counties	Pittsfield, MA.....	Adams and Cheshire towns in Berkshire County
Denver-Boulder, CO.....	Gilpin County	Portland, ME.....	Freeport and Windham towns in Cumberland County; Old Orchard Beach town and Saco city in York County
Des Moines, IA.....	Warren County	Providence-Warwick-Pawtucket, MA-RI.....	Norton town in Bristol County, MA; Warwick city in Kent County, Scituate town in Providence County, and South Kingston town in Washington County, RI. The following are included in historical data only: Bellingham, Franklin, and Wrentham towns in Norfolk County, MA
Detroit, MI.....	Lapeer, Livingston, and St. Clair Counties	Richmond, VA.....	Charles City, Goochland and Powhatan Counties
Fall River, MA-RI.....	Dighton town in Bristol County, MA; Little Compton and Portsmouth towns in Newport County, RI	Roanoke, VA.....	Botetourt and Craig Counties
Flint, MI.....	Shiawassee County. The following are included in historical data only: Lapeer County	St. Joseph, MO.....	Andrew County
Hartford, CT.....	Marlborough town in Hartford County; New Hartford town in Litchfield County; East Hampton and Portland towns in Middlesex County; Colchester town in New London County; Columbia, Hebron, Stafford, Tolland, and Willington towns in Tolland County	St. Louis, MO-IL.....	Clinton and Monroe Counties, IL
Houston, TX.....	Waller County	Salt Lake City-Ogden, UT.....	Tooele and Weber Counties
Huntington-Ashland, WV-KY-OH.....	Greenup County, KY	San Antonio, TX.....	Comal County
Kansas City, MO-KS.....	Ray County, MO	Savannah, GA.....	Bryan and Effingham Counties
Knoxville, TN.....	Union County	Springfield, IL.....	Menard County
Lawrence-Haverhill, MA-NH.....	Atkinson, Hampstead, Kingston, and Windham towns in Rockingham County, NH; Amesbury and Salisbury towns in Essex County, MA	Springfield-Chicopee-Holyoke, MA-CT.....	Belchertown, Hatfield, and Southhampton towns in Hampshire County, MA
		Tallahassee, FL.....	Wakulla County
		Topeka, KS.....	Jefferson and Osage Counties
		Washington, DC-MD-VA.....	Charles County, MD
		Waterbury, CT.....	Southbury town in New Haven County
		Wichita Falls, TX.....	Clay County. The following are included in historical data only: Archer County
		Worcester, MA.....	Charlton, Uxbridge, and Webster towns in Worcester County

⁴For the SMSA's listed in the table below (whose definitions were revised for 1972), historical data do not include establishments located in the specified areas. Data tabulated under the new 1972 definitions differ by more than 5 percent from 1972 data tabulated under the old definition.

Standard metropolitan statistical area	County, parish, city, and town	Standard metropolitan statistical area	County, parish, city, and town
Albany, GA.....	Lee County	Montgomery, AL.....	Autauga County
Albany-Schenectady-Troy, NY.....	Montgomery County	Nashville-Davidson, TN.....	Cheatham, Dickson, Robertson, Rutherford, and Williamson Counties
Albuquerque, NM.....	Sandoval County	New Haven-West Haven, CT.....	Clinton and Killingworth towns in Middlesex County; Madison, Orange, and Wallingford towns in New Haven County
Allentown-Bethlehem-Easton, PA-NJ.....	Carbon County, PA	New London-Norwich, CT-RI.....	Hopkinton and Westerly towns in Washington County, RI; Old Saybrook town in Middlesex County, CT; Bozrah town in New London County, CT
Atlanta, GA.....	Butts, Cherokee, Douglas, Fayette, Forsyth, Henry, Newton, Paulding, Rockdale, and Walton Counties	Newport News-Hampton, VA.....	Williamsburg city, Gloucester, and James City, Counties
Baton Rouge, LA.....	Ascension, Livingston, and West Baton Rouge Parishes	Norfolk-Virginia Beach-Portsmouth, VA-NC.....	Nansemond and Suffolk cities, VA; and Currituck County, NC
Biloxi-Gulfport, MS.....	Hancock and Stone Counties	Patterson-Clifton-Passaic, NJ.....	The following is included in historical data only: Bergen County
Charleston, SC.....	Dorchester County	Rochester, NY.....	Ontario County
Charlotte-Gastonia, NC.....	Gaston County	Shreveport, LA.....	Webster Parish
Evansville, IN-KY.....	Gibson and Posey Counties, IN	Springfield, MO.....	Christian County
Fort Wayne, IN.....	Adams, De Kalb, and Wells Counties	Springfield, OH.....	Champaign County
Greensboro--Winston-Salem--High Point, NC.....	Davidson and Stokes Counties	Tampa-St. Petersburg, FL.....	Pasco County
Greenville-Spartanburg, SC.....	Spartanburg County	Texarkana, TX-Texarkana, AR.....	Little River County, AR
Huntsville, AL.....	Marshall County	Toledo, OH-MI.....	Fulton and Ottawa Counties, OH
Jacksonville, FL.....	Baker, Clay, Nassau, and St. Johns Counties	Tulsa, OK.....	Mayes, Rogers, and Wagoner Counties
Kalamazoo-Portage, MI.....	Van Buren County		
Lansing-East Lansing, MI.....	Ionia County		
Lexington, KY.....	Bourbon, Clark, Jessamine, Scott, and Woodford Counties		
Lima, OH.....	Auglaize County		

Footnotes continued on next page.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1972 and Prior Census Years—Continued

(Footnotes for table 6)--Continued

⁵For the SMSA's listed in the table below (which were defined after the 1967 census), historical data are not available. The counties, parishes, cities, and towns which comprise the SMSA are listed on the right.

Standard metropolitan statistical area	County, parish, city, and town	Standard metropolitan statistical area	County, parish, city, and town
Alexandria, LA.....	Grant and Rapides Parishes	Long Branch-Asbury Park, NJ.	Monmouth County
Anchorage, AK.....	Anchorage Division	Melbourne-Titusville-Cocoa, FL.....	Brevard County
Appleton-Oshkosh, WI.....	Calumet, Outagamie, and Winnebago Counties	Modesto, CA.....	Stanislaus County
Battle Creek, MI.....	Barry and Calhoun Counties	Nashua, NH.....	Nashua city, and Amherst, Hudson, Merrimack, and Milford towns in Hillsborough County
Bristol, CT.....	Bristol city and Burlington town in Hartford County, Plymouth town in Litchfield County	Nassau-Suffolk, NY.....	Nassau and Suffolk Counties
Bryan-College Station, TX...	Brazos County	New Brunswick-Perth Amboy-Sayreville, NJ.....	Middlesex County
Burlington, NC.....	Alamance County	Owensboro, KY.....	Daviess County
Columbia, MO.....	Boone County	Parkersburg-Marietta, WV-OH.	Washington County, OH, Wirt and Wood Counties, WV
Danbury, CT.....	Danbury city and Bethel, Brookfield, New Fairfield, Newton, and Redding towns in Fairfield County; New Milford town in Litchfield County	Petersburg-Colonial Heights-Hopewell, VA.....	Dinwiddie and Prince George Counties and Colonial Heights, Hopewell, and Petersburg cities
Daytona Beach, FL.....	Volusia County	Poughkeepsie, NY.....	Dutchess County
Elmira, NY.....	Chemung County	Richland-Kennewick, WA.....	Benton and Franklin Counties
Fayetteville-Springdale, AR.	Benton and Washington Counties	Rochester, MN.....	Olmsted County
Florence, AL.....	Colbert and Lauderdale Counties	St. Cloud, MN.....	Benton, Sherburne, and Stearns Counties
Fort Myers, FL.....	Lee County	Santa Cruz, CA.....	Santa Cruz County
Gainesville, FL.....	Alachua County	Santa Rosa, CA.....	Sonoma County
Killeen-Temple, TX.....	Bell and Coryell Counties	Sarasota, FL.....	Sarasota County
Kingsport-Bristol, TN-VA....	Bristol city, and Scott and Washington Counties, VA; Hawkins and Sullivan Counties, TN	Williamsport, PA.....	Lycoming County
La Crosse, WI.....	La Crosse County	Yakima, WA.....	Yakima County
Lakeland-Winter Haven, FL...	Polk County		

⁶For the SMSA's listed in the table below (which were retitled for 1972), historical data is revised to the current definition in this table.

New title	Old titles
Dallas-Fort Worth SMSA.....	Dallas SMSA and Forth Worth SMSA
Northeast Pennsylvania SMSA.....	Scranton SMSA and Wilkes-Barre-Hazleton SMSA
Raleigh-Durham SMSA.....	Raleigh SMSA and Durham SMSA

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expenditures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employment	Index of employment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958=100)	Index of employment change (1958=100)	Employees (1,000)
UNITED STATES															
1972.....	320,701	114,195	19,026.8	174,186.7	13,526.5	26,696.7	105,494.7	353,973.4	407,395.4	756,466.9	24,073.1	100	119	119	19,026.8
1967.....	311,140	110,256	19,323.2	132,208.5	13,955.3	27,837.6	81,393.6	261,983.8	298,513.7	557,397.8	21,503.0	100	121	121	19,323.2
1963.....	311,931	102,291	16,958.4	99,898.8	12,232.1	24,510.3	62,090.8	192,082.9	(NA)	(NA)	11,380.0	100	106	106	16,958.4
1958.....	303,303	95,310	16,025.2	78,348.9	11,665.4	22,671.4	49,573.8	141,532.2	(NA)	(NA)	9,543.5	100	100	100	16,025.2
1954.....	286,814	90,470	16,098.7	65,866.6	12,372.0	24,334.1	44,590.5	117,032.3	(NA)	(NA)	8,200.7	100	100	100	16,098.7
1947.....	240,807	(NA)	14,294.0	39,695.6	11,917.9	24,316.5	30,244.0	74,290.5	(NA)	(NA)	5,998.1	100	89	89	14,294.0
1939.....	173,802	(NA)	9,527.3	12,706.1	7,808.2	(NA)	8,997.5	24,487.3	(NA)	(NA)	(NA)	100	59	59	9,527.3
1929.....	206,663	(NA)	9,659.7	14,284.3	8,369.7	(NA)	10,884.9	30,591.4	(NA)	(NA)	(NA)	100	60	60	9,659.7
1919.....	270,231	(NA)	9,836.8	12,426.9	8,464.9	(NA)	9,664.0	23,841.6	(NA)	(NA)	(NA)	100	61	61	9,836.8
1909.....	264,810	(NA)	7,012.1	4,105.5	6,261.7	(NA)	3,205.2	8,160.1	(NA)	(NA)	(NA)	100	44	44	7,012.1
1899.....	204,754	(NA)	4,850.0	2,258.7	4,501.9	(NA)	1,892.6	4,647.0	(NA)	(NA)	(NA)	100	30	30	4,850.0
DIVISIONS AND STATES															
NEW ENGLAND DIVISION															
1972.....	23,731	8,718	1,362.4	11,905.1	941.6	1,852.3	6,762.3	22,500.5	18,653.3	40,854.4	1,244.0	7.16	97	119	19,026.8
1967.....	24,286	9,164	1,561.8	10,189.9	1,135.9	2,274.3	6,252.2	18,972.1	16,396.3	35,164.9	1,223.7	8.08	112	121	19,323.2
1963.....	24,649	8,676	1,425.0	7,815.0	1,043.1	2,084.7	4,889.3	13,589.4	(NA)	(NA)	639.4	8.40	102	106	16,958.4
1958.....	24,880	8,508	1,399.6	6,297.8	1,048.8	2,053.0	4,099.1	10,439.9	(NA)	(NA)	534.0	8.73	100	100	16,025.2
1954.....	24,625	8,380	1,448.5	5,453.9	1,154.1	2,272.3	3,858.7	9,128.3	(NA)	(NA)	424.3	8.99	103	100	16,098.7
1947.....	20,256	(NA)	1,475.2	3,940.1	1,248.8	(NA)	3,054.4	6,798.1	(NA)	(NA)	418.6	10.32	105	89	14,294.0
1939.....	15,201	(NA)	1,121.2	1,402.1	947.4	(NA)	1,018.7	2,414.0	(NA)	(NA)	(NA)	11.77	80	59	9,527.3
1929.....	18,272	(NA)	1,245.9	1,732.8	1,098.5	(NA)	1,346.4	3,239.8	(NA)	(NA)	(NA)	12.90	89	60	9,659.7
1919.....	24,552	(NA)	1,509.1	1,765.3	1,347.5	(NA)	1,431.7	3,221.3	(NA)	(NA)	(NA)	15.34	108	61	9,836.8
1909.....	25,351	(NA)	1,188.0	669.9	1,101.3	(NA)	557.6	1,193.8	(NA)	(NA)	(NA)	16.94	85	44	7,012.1
1899.....	22,576	(NA)	897.3	421.1	851.9	(NA)	367.7	756.3	(NA)	(NA)	(NA)	18.50	64	30	4,850.0
Maine:															
1972.....	2,075	590	99.5	696.2	82.2	161.5	510.4	1,375.7	1,499.4	2,862.8	138.5	.52	101	119	19,026.8
1967.....	2,385	615	110.8	577.2	93.6	186.6	437.3	1,069.5	1,164.9	2,215.5	98.8	.57	113	121	19,323.2
1963.....	2,535	594	99.9	438.6	84.1	170.1	335.1	785.7	(NA)	(NA)	62.5	.59	102	106	16,958.4
1958.....	2,755	579	98.3	377.2	83.7	166.2	285.2	628.3	(NA)	(NA)	44.3	.61	100	100	16,025.2
1954.....	3,015	627	104.5	325.0	91.1	180.7	260.0	565.3	(NA)	(NA)	58.9	.64	106	100	16,098.7
1947.....	1,633	(NA)	100.1	233.9	90.3	(NA)	199.1	429.5	(NA)	(NA)	(NA)	.70	102	89	14,294.0
1939.....	1,118	(NA)	82.2	83.5	74.0	(NA)	67.3	150.6	(NA)	(NA)	(NA)	.86	84	59	9,527.3
1929.....	1,568	(NA)	76.8	90.3	70.2	(NA)	74.2	174.4	(NA)	(NA)	(NA)	.80	78	60	9,659.7
1919.....	2,834	(NA)	96.1	111.2	88.3	(NA)	93.8	201.4	(NA)	(NA)	(NA)	.98	98	61	9,836.8
1909.....	3,546	(NA)	84.8	43.4	80.0	(NA)	37.6	78.9	(NA)	(NA)	(NA)	1.21	86	44	7,012.1
1899.....	2,878	(NA)	73.0	28.8	69.9	(NA)	25.7	51.7	(NA)	(NA)	(NA)	1.51	74	30	4,850.0
New Hampshire:															
1972.....	1,434	566	89.7	663.2	67.7	131.4	414.0	1,278.6	1,034.2	2,288.7	99.1	.47	113	119	19,026.8
1967.....	1,481	566	94.9	512.6	76.6	151.0	364.3	931.9	802.8	1,716.8	75.6	.49	119	121	19,323.2
1963.....	1,509	546	84.1	378.9	68.6	135.1	271.8	636.1	(NA)	(NA)	30.3	.50	106	106	16,958.4
1958.....	1,457	494	79.5	297.1	65.6	128.1	221.1	490.7	(NA)	(NA)	24.4	.50	100	100	16,025.2
1954.....	1,609	497	77.3	246.7	66.0	128.5	190.8	408.8	(NA)	(NA)	18.5	.49	97	100	16,098.7
1947.....	1,124	478	74.8	177.5	66.4	136.1	145.3	306.9	(NA)	(NA)	24.0	.52	94	89	14,294.0
1939.....	772	(NA)	61.2	65.2	55.4	(NA)	52.4	104.2	(NA)	(NA)	(NA)	.64	77	59	9,527.3
1929.....	1,075	(NA)	71.2	85.3	65.5	(NA)	70.5	147.1	(NA)	(NA)	(NA)	.74	90	60	9,659.7
1919.....	1,451	(NA)	88.7	92.3	82.9	(NA)	79.1	167.3	(NA)	(NA)	(NA)	.90	112	61	9,836.8
1909.....	1,961	(NA)	82.2	40.4	78.7	(NA)	36.2	66.4	(NA)	(NA)	(NA)	1.17	103	44	7,012.1
1899.....	1,771	(NA)	69.7	28.0	67.6	(NA)	25.9	47.4	(NA)	(NA)	(NA)	1.44	88	30	4,850.0
Vermont:															
1972.....	860	274	36.9	311.4	26.1	52.2	176.3	576.0	639.2	1,229.2	36.8	.19	114	119	19,026.8
1967.....	925	281	42.5	259.1	31.3	64.6	162.4	515.0	622.0	1,126.9	35.1	.22	131	121	19,323.2
1963.....	977	267	33.7	167.9	25.7	52.4	113.4	309.3	(NA)	(NA)	15.7	.20	104	106	16,958.4
1958.....	1,040	277	32.5	132.5	25.4	50.3	92.1	235.9	(NA)	(NA)	11.6	.20	100	100	16,025.2
1954.....	1,071	296	36.1	123.6	29.9	59.3	93.0	223.0	(NA)	(NA)	8.9	.22	111	100	16,098.7
1947.....	831	(NA)	34.9	83.1	30.3	(NA)	66.4	149.7	(NA)	(NA)	(NA)	.24	107	89	14,294.0
1939.....	659	(NA)	24.1	27.4	20.5	(NA)	19.9	49.7	(NA)	(NA)	(NA)	.25	74	59	9,527.3
1929.....	927	(NA)	30.5	41.9	27.4	(NA)	33.8	77.3	(NA)	(NA)	(NA)	.32	94	60	9,659.7
1919.....	1,702	(NA)	36.7	41.1	33.2	(NA)	33.8	71.8	(NA)	(NA)	(NA)	.37	113	61	9,836.8
1909.....	1,958	(NA)	36.5	20.1	33.8	(NA)	17.3	33.5	(NA)	(NA)	(NA)	.52	112	44	7,012.1
1899.....	1,938	(NA)	29.9	13.0	28.2	(NA)	11.4	25.1	(NA)	(NA)	(NA)	.62	92	30	4,850.0
Massachusetts:															
1972.....	10,770	4,153	618.9	5,486.0	416.0	812.1	3,027.0	10,677.5	8,616.7	19,133.9	537.5	3.25	91	119	19,026.8
1967.....	10,963	4,471	713.6	4,646.3	507.9	999.0	2,755.3	8,715.0	7,294.4	15,925.5	493.7	3.69	105	121	19,323.2
1963.....	11,311	4,351	674.0	3,712.4	480.7	948.3	2,234.6	6,403.8	(NA)	(NA)	273.0	3.97	99	106	16,958.4
1958.....	11,565	4,377	680.6	3,070.8	498.1	968.7	1,932.0	5,128.5	(NA)	(NA)	228.5	4.25	100	100	16,025.2
1954.....	11,205	4,229	685.4	2,575.6	536.5	1,047.4	1,769.1	4,356.5	(NA)	(NA)	180.7	4.25	101	100	16,098.7
1947.....	10,509	(NA)	718.1	1,920.7	601.4	(NA)	1,463.1	3,356.3	(NA)	(NA)	(NA)	5.02	106	89	14,294.0
1939.....	8,444	(NA)	549.6	702.5	458.4	(NA)	498.2	1,181.5	(NA)	(NA)	(NA)	5.77	81	59	9,527.3
1929.....	9,872	(NA)	639.2	910.1	557.5	(NA)	694.8	1,710.7	(NA)	(NA)	(NA)	6.62	94	60	9,659.7
1919.....	11,627	(NA)	801.3	947.8	712.3	(NA)	764.6	1,746.5	(NA)	(NA)	(NA)	8.15	118	61	9,836.8
1909.....	11,684	(NA)	633.2	364.5	584.6	(NA)	301.2	659.8	(NA)	(NA)	(NA)	9.03	93	44	7,012.1
1899.....	10,929	(NA)	463.5	224.8	438.2	(NA)	195.3	409.0	(NA)	(NA)	(NA)	9.56	68	30	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production-workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
NEW ENGLAND DIVISION--Con.															
Rhode Island:															
1972.....	2,756	904	118.1	888.2	91.4	174.2	565.9	1,764.4	1,479.3	3,218.6	100.5	0.62	103	119	19,026.8
1967.....	2,703	922	122.3	700.4	96.6	188.5	466.9	1,350.9	1,228.1	2,560.5	74.8	.63	107	121	19,323.2
1963.....	2,710	868	113.9	533.4	90.0	177.2	365.3	958.6	(NA)	(NA)	43.1	.67	99	106	16,958.4
1958.....	2,737	907	114.5	453.1	91.4	175.9	314.3	756.2	(NA)	(NA)	29.8	.71	100	100	16,025.2
1954.....	2,635	867	125.0	431.9	103.8	204.4	314.5	697.3	(NA)	(NA)	27.7	.77	108	100	16,098.7
1947.....	2,213	(NA)	147.4	375.7	128.6	(NA)	298.5	658.9	(NA)	(NA)	(NA)	1.03	129	89	14,294.0
1939.....	1,399	(NA)	122.7	141.3	106.1	(NA)	105.2	237.7	(NA)	(NA)	(NA)	1.29	107	59	9,527.3
1929.....	1,701	(NA)	140.1	182.9	126.1	(NA)	144.2	324.1	(NA)	(NA)	(NA)	1.45	122	60	9,659.7
1919.....	2,367	(NA)	153.5	168.1	139.3	(NA)	137.1	330.6	(NA)	(NA)	(NA)	1.56	134	61	9,836.8
1909.....	1,951	(NA)	120.9	65.8	113.5	(NA)	55.2	122.2	(NA)	(NA)	(NA)	1.72	106	44	7,012.1
1899.....	1,678	(NA)	92.2	41.3	88.2	(NA)	36.0	77.6	(NA)	(NA)	(NA)	1.90	81	30	4,850.0
Connecticut:															
1972.....	5,836	2,231	399.3	3,860.0	258.2	520.9	2,068.7	6,828.3	5,384.6	12,121.0	331.6	2.10	101	119	19,026.8
1967.....	5,829	2,309	477.7	3,494.3	329.9	684.6	2,066.0	6,389.8	5,284.1	11,619.7	445.7	2.47	121	121	19,323.2
1963.....	5,607	2,050	419.4	2,583.8	294.0	601.7	1,569.1	4,495.9	(NA)	(NA)	214.8	2.47	106	106	16,958.4
1958.....	5,326	1,874	394.2	1,967.1	284.6	563.8	1,254.4	3,200.3	(NA)	(NA)	195.4	2.46	100	100	16,025.2
1954.....	5,090	1,864	420.0	1,751.0	326.8	652.0	1,231.4	2,877.5	(NA)	(NA)	129.6	2.60	107	100	16,098.7
1947.....	3,946	(NA)	400.0	1,149.3	331.9	(NA)	882.0	1,896.7	(NA)	(NA)	(NA)	2.80	102	89	14,294.0
1939.....	2,809	(NA)	281.4	382.3	233.0	(NA)	275.6	690.3	(NA)	(NA)	(NA)	2.95	71	59	9,527.3
1929.....	3,129	(NA)	288.0	422.3	251.9	(NA)	328.9	806.2	(NA)	(NA)	(NA)	2.98	73	60	9,659.7
1919.....	4,571	(NA)	332.8	404.8	291.6	(NA)	323.3	703.6	(NA)	(NA)	(NA)	3.38	84	61	9,836.8
1909.....	4,251	(NA)	230.4	135.8	210.8	(NA)	110.1	233.0	(NA)	(NA)	(NA)	3.28	58	44	7,012.1
1899.....	3,382	(NA)	169.0	85.1	159.7	(NA)	73.4	145.4	(NA)	(NA)	(NA)	3.48	43	30	4,850.0
MIDDLE ATLANTIC DIVISION															
1972.....	71,808	26,983	3,932.8	37,119.8	2,637.8	5,093.0	20,411.6	70,329.6	69,649.1	139,311.2	3,925.3	20.67	96	119	19,026.8
1967.....	76,422	29,002	4,360.0	30,526.6	3,024.4	5,924.8	17,441.2	57,261.7	57,183.8	113,770.9	3,768.0	22.56	106	121	19,323.2
1963.....	81,708	28,531	4,075.1	24,419.6	2,849.6	5,578.9	14,295.2	43,540.2	(NA)	(NA)	2,086.1	24.03	99	106	16,958.4
1958.....	82,997	27,729	4,112.9	20,470.3	2,901.5	5,548.7	12,285.4	34,814.7	(NA)	(NA)	2,058.2	25.66	100	100	16,025.2
1954.....	82,380	27,535	4,284.3	17,855.2	3,212.5	6,217.3	11,524.9	30,402.7	(NA)	(NA)	1,551.1	26.61	104	100	16,098.7
1947.....	75,341	(NA)	3,953.8	11,419.7	3,248.7	(NA)	8,524.6	20,768.0	(NA)	(NA)	1,335.2	27.66	96	89	14,294.0
1939.....	53,226	(NA)	2,757.9	3,859.9	2,234.8	(NA)	2,668.5	7,308.8	(NA)	(NA)	(NA)	28.95	67	59	9,527.3
1929.....	64,730	(NA)	3,002.8	4,853.0	2,562.3	(NA)	3,640.4	10,176.0	(NA)	(NA)	(NA)	31.09	73	60	9,659.7
1919.....	85,509	(NA)	3,348.6	4,463.6	2,859.6	(NA)	3,447.8	8,399.6	(NA)	(NA)	(NA)	34.04	81	61	9,836.8
1909.....	81,315	(NA)	2,491.2	1,527.8	2,207.7	(NA)	1,182.6	2,982.3	(NA)	(NA)	(NA)	35.53	61	44	7,012.1
1899.....	65,834	(NA)	1,732.2	871.3	1,604.8	(NA)	729.4	1,763.3	(NA)	(NA)	(NA)	35.71	42	30	4,850.0
New York:															
1972.....	38,341	12,995	1,679.3	16,218.5	1,076.2	2,068.2	8,172.2	30,402.2	28,338.6	58,556.7	1,506.0	8.83	88	119	19,026.8
1967.....	42,911	14,730	1,929.2	13,851.5	1,284.5	2,509.8	7,334.7	25,246.7	24,458.6	49,418.7	1,310.3	9.98	101	121	19,323.2
1963.....	47,041	15,022	1,853.0	11,289.7	1,247.8	2,431.3	6,163.5	19,539.3	(NA)	(NA)	783.4	10.92	97	106	16,958.4
1958.....	49,441	15,000	1,915.9	9,627.7	1,303.1	2,487.1	5,423.6	15,892.6	(NA)	(NA)	792.2	11.96	100	100	16,025.2
1954.....	50,402	15,356	2,000.7	8,444.2	1,470.1	2,842.6	5,231.9	14,140.5	(NA)	(NA)	572.1	12.42	104	100	16,098.7
1947.....	47,782	(NA)	1,773.1	5,277.7	1,425.0	(NA)	3,821.5	9,655.9	(NA)	(NA)	(NA)	12.40	93	89	14,294.0
1939.....	32,672	(NA)	1,211.0	1,749.7	949.4	(NA)	1,151.8	3,313.6	(NA)	(NA)	(NA)	12.71	63	59	9,527.3
1929.....	39,395	(NA)	1,331.4	2,294.9	1,106.0	(NA)	1,650.4	4,973.9	(NA)	(NA)	(NA)	13.78	70	60	9,659.7
1919.....	48,331	(NA)	1,467.4	1,961.4	1,221.9	(NA)	1,450.1	3,908.9	(NA)	(NA)	(NA)	14.92	77	61	9,836.8
1909.....	44,935	(NA)	1,155.7	743.3	1,004.0	(NA)	557.2	1,512.6	(NA)	(NA)	(NA)	16.48	60	44	7,012.1
1899.....	35,957	(NA)	794.9	414.1	726.9	(NA)	337.3	853.5	(NA)	(NA)	(NA)	16.39	41	30	4,850.0
New Jersey:															
1972.....	15,069	5,918	836.1	8,107.2	546.6	1,070.9	4,353.7	16,408.9	16,149.8	32,409.7	940.1	4.39	105	119	19,026.8
1967.....	14,740	5,903	881.3	6,325.4	603.7	1,203.7	3,617.8	12,738.2	13,151.2	25,761.7	824.3	4.56	111	121	19,323.2
1963.....	15,208	5,528	829.2	5,121.3	573.8	1,145.4	3,021.0	9,957.3	(NA)	(NA)	525.0	4.89	104	106	16,958.4
1958.....	14,219	4,994	795.0	4,066.5	564.2	1,100.0	2,508.1	7,499.5	(NA)	(NA)	449.7	4.96	100	100	16,025.2
1954.....	13,183	4,748	812.4	3,507.1	605.1	1,187.7	2,280.1	6,331.7	(NA)	(NA)	359.8	5.04	102	100	16,098.7
1947.....	10,765	(NA)	739.0	2,216.9	602.3	(NA)	1,645.5	4,186.1	(NA)	(NA)	(NA)	5.17	93	89	14,294.0
1939.....	7,438	(NA)	531.1	753.9	431.6	(NA)	519.1	1,518.2	(NA)	(NA)	(NA)	5.57	67	59	9,527.3
1929.....	8,388	(NA)	516.6	808.9	442.3	(NA)	610.6	1,771.4	(NA)	(NA)	(NA)	5.34	65	60	9,659.7
1919.....	10,564	(NA)	590.9	769.3	507.1	(NA)	598.5	1,397.8	(NA)	(NA)	(NA)	6.00	74	61	9,836.8
1909.....	8,817	(NA)	363.1	218.0	326.2	(NA)	169.7	425.5	(NA)	(NA)	(NA)	5.17	46	44	7,012.1
1899.....	6,415	(NA)	229.3	114.2	214.0	(NA)	95.2	218.3	(NA)	(NA)	(NA)	4.73	29	30	4,850.0
Pennsylvania:															
1972.....	18,398	8,070	1,417.5	12,794.1	1,015.0	1,953.9	7,885.7	23,518.5	25,160.6	48,344.8	1,479.3	7.45	101	119	19,026.8
1967.....	18,771	8,369	1,549.5	10,349.7	1,136.2	2,211.3	6,488.7	19,276.8	19,574.0	38,590.5	1,633.4	8.02	111	121	19,323.2
1963.....	19,459	7,981	1,392.9	8,008.6	1,028.0	2,002.1	5,110.7	14,043.6	(NA)	(NA)	777.4	8.21	99	106	16,958.4
1958.....	19,337	7,735	1,402.0	6,776.1	1,034.2	1,960.6	4,353.7	11,422.6	(NA)	(NA)	816.3	8.75	100	100	16,025.2
1954.....	18,795	7,631	1,471.1	5,903.9	1,137.2	2,187.0	4,012.9	9,930.5	(NA)	(NA)	619.1	9.14	105	100	16,098.7
1947.....	16,794	(NA)	1,441.7	3,925.2	1,221.4	(NA)	3,057.6	6,926.1	(NA)	(NA)	(NA)	10.09	103	89	14,294.0
1939.....	13,116	(NA)	1,015.8	1,356.2	853.4	(NA)	997.6	2,476.9	(NA)	(NA)	(NA)	10.66	72	59	9,527.3
1929.....	16,947	(NA)	1,154.9	1,749.3	1,014.0	(NA)	1,379.4	3,430.6	(NA)	(NA)	(NA)	11.96	82	60	9,659.7
1919.....	26,614	(NA)	1,290.2	1,732.9	1,130.6	(NA)	1,399.2	3,093.0	(NA)	(NA)	(NA)	13.12	92	61	9,836.8
1909.....	27,563	(NA)	972.4	566.5	877.5	(NA)	455.6	1,044.2	(NA)	(NA)	(NA)	13.87	69	44	7,012.1
1899.....	23,462	(NA)	707.9	343.0	664.0	(NA)	296.9	691.6	(NA)	(NA)	(NA)	14.60	50	30	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
EAST NORTH CENTRAL DIVISION															
1972.....	64,673	24,761	4,932.9	50,958.4	3,495.8	7,012.8	32,189.7	99,948.7	114,453.4	213,022.2	6,773.4	25.92	116	119	19,028.7
1967.....	63,062	24,563	5,150.8	38,495.2	3,728.0	7,495.2	24,719.7	75,015.6	85,377.5	159,620.3	6,058.6	26.66	121	121	19,323.2
1963.....	63,094	22,325	4,483.7	29,212.1	3,234.0	6,615.6	18,883.1	56,328.0	(NA)	(NA)	3,221.1	26.44	105	106	16,958.4
1958.....	61,769	20,885	4,261.3	22,992.1	3,028.1	5,924.5	14,541.7	40,961.8	(NA)	(NA)	2,710.8	26.59	100	100	16,025.2
1954.....	58,946	20,495	4,598.3	20,893.2	3,489.2	6,958.2	14,262.3	36,491.4	(NA)	(NA)	2,653.9	28.56	108	100	16,098.7
1947.....	50,569	(NA)	4,322.8	13,019.8	3,567.8	(NA)	9,940.5	23,474.2	(NA)	(NA)	1,863.5	30.24	101	89	14,294.0
1939.....	38,013	(NA)	2,692.8	4,092.1	2,180.6	(NA)	2,932.4	7,744.4	(NA)	(NA)	(NA)	28.26	63	59	9,527.3
1929.....	46,396	(NA)	2,949.4	4,841.3	2,542.2	(NA)	3,738.8	9,973.5	(NA)	(NA)	(NA)	30.53	69	60	9,659.7
1919.....	58,717	(NA)	2,834.6	3,849.4	2,387.5	(NA)	2,981.2	7,093.8	(NA)	(NA)	(NA)	28.81	66	61	9,836.8
1909.....	60,013	(NA)	1,729.5	1,077.7	1,513.8	(NA)	827.2	2,177.2	(NA)	(NA)	(NA)	24.67	41	44	7,012.1
1899.....	50,521	(NA)	1,176.7	574.5	1,073.3	(NA)	473.0	1,205.5	(NA)	(NA)	(NA)	24.26	28	30	4,850.0
Ohio:															
1972.....	16,390	6,487	1,346.3	13,810.0	940.0	1,887.8	8,717.0	27,171.0	28,285.6	55,025.4	1,695.4	7.08	112	119	19,028.7
1967.....	15,428	6,285	1,397.0	10,523.1	998.1	2,014.5	6,745.4	20,435.4	21,589.5	41,845.3	1,694.1	7.23	116	121	19,323.2
1963.....	15,484	5,800	1,239.5	8,125.4	885.7	1,799.7	5,257.2	15,506.1	(NA)	(NA)	847.8	7.31	103	106	16,958.4
1958.....	15,203	5,534	1,201.0	6,522.5	856.5	1,658.5	4,170.2	11,472.5	(NA)	(NA)	795.8	7.50	100	100	16,025.2
1954.....	14,550	5,479	1,292.2	5,821.0	985.7	1,946.8	4,015.3	10,154.4	(NA)	(NA)	760.9	8.02	108	100	16,098.7
1947.....	12,302	(NA)	1,194.3	3,559.5	988.1	(NA)	2,727.0	6,358.0	(NA)	(NA)	(NA)	8.36	99	89	14,294.0
1939.....	9,543	(NA)	731.7	1,120.8	595.5	(NA)	809.4	2,116.4	(NA)	(NA)	(NA)	7.68	61	58	9,527.3
1929.....	11,855	(NA)	853.4	1,404.2	741.1	(NA)	1,102.2	2,889.8	(NA)	(NA)	(NA)	8.83	71	60	9,659.7
1919.....	15,585	(NA)	867.3	1,214.6	728.3	(NA)	941.3	2,182.6	(NA)	(NA)	(NA)	8.82	72	61	9,836.8
1909.....	15,138	(NA)	508.3	317.6	446.9	(NA)	245.5	613.7	(NA)	(NA)	(NA)	7.25	42	44	7,012.1
1899.....	13,868	(NA)	336.2	164.6	308.1	(NA)	136.4	339.4	(NA)	(NA)	(NA)	6.93	28	30	4,850.0
Indiana:															
1972.....	7,354	3,049	703.9	6,881.5	526.1	1,041.7	4,640.8	14,111.6	15,327.1	29,167.7	907.3	3.70	128	119	19,028.7
1967.....	6,920	2,917	710.2	5,023.2	543.6	1,078.1	3,453.5	10,308.0	11,706.0	21,856.0	1,004.4	3.68	129	121	19,323.2
1963.....	6,860	2,547	609.8	3,794.3	463.1	937.2	2,622.1	7,726.9	(NA)	(NA)	555.2	3.60	111	106	16,958.4
1958.....	6,612	2,444	551.0	2,874.7	407.5	796.0	1,912.8	5,502.1	(NA)	(NA)	515.3	3.44	100	100	16,025.2
1954.....	6,355	2,344	588.4	2,533.4	458.9	904.1	1,798.8	4,632.0	(NA)	(NA)	301.5	3.65	106	100	16,098.7
1947.....	5,403	(NA)	548.3	1,582.8	457.5	(NA)	1,232.2	2,970.0	(NA)	(NA)	(NA)	3.83	99	89	14,294.0
1939.....	4,192	(NA)	337.9	474.1	275.3	(NA)	342.7	964.7	(NA)	(NA)	(NA)	3.55	61	59	9,527.3
1929.....	5,091	(NA)	359.9	534.2	314.7	(NA)	418.8	1,136.5	(NA)	(NA)	(NA)	3.73	65	60	9,659.7
1919.....	7,558	(NA)	332.4	400.9	276.7	(NA)	316.0	721.7	(NA)	(NA)	(NA)	3.38	60	61	9,836.8
1909.....	7,969	(NA)	210.6	121.8	187.0	(NA)	95.5	244.7	(NA)	(NA)	(NA)	3.00	38	44	7,012.1
1899.....	7,128	(NA)	149.5	69.3	139.0	(NA)	59.3	141.9	(NA)	(NA)	(NA)	3.08	27	30	4,850.0
Illinois:															
1972.....	18,617	7,345	1,306.0	12,799.5	900.9	1,780.2	7,674.5	25,847.1	28,139.3	53,544.3	1,564.0	6.90	110	119	19,028.7
1967.....	18,536	7,477	1,397.3	10,013.9	995.1	1,978.8	6,180.0	20,016.5	21,559.6	41,333.7	1,493.4	7.23	117	121	19,323.2
1963.....	18,593	6,974	1,211.2	7,560.6	855.9	1,717.0	4,655.4	14,641.5	(NA)	(NA)	775.6	7.14	102	106	16,958.4
1958.....	18,468	6,586	1,189.9	6,224.8	835.2	1,631.8	3,833.5	11,664.1	(NA)	(NA)	730.7	7.42	100	100	16,025.2
1954.....	17,628	6,377	1,222.4	5,420.9	903.0	1,787.7	3,518.6	9,663.8	(NA)	(NA)	551.7	7.59	103	100	16,098.7
1947.....	15,993	(NA)	1,186.1	3,589.4	955.1	(NA)	2,628.6	6,683.1	(NA)	(NA)	(NA)	5.27	100	89	14,294.0
1939.....	11,983	(NA)	752.7	1,107.6	591.0	(NA)	742.5	2,187.2	(NA)	(NA)	(NA)	6.88	63	59	9,527.3
1929.....	15,333	(NA)	827.5	1,393.6	691.6	(NA)	1,024.9	2,930.0	(NA)	(NA)	(NA)	7.65	70	60	9,659.7
1919.....	17,808	(NA)	785.9	1,071.0	650.0	(NA)	797.1	1,929.1	(NA)	(NA)	(NA)	8.00	67	61	9,836.8
1909.....	18,026	(NA)	543.7	364.8	465.8	(NA)	273.3	758.4	(NA)	(NA)	(NA)	7.75	46	44	7,012.1
1899.....	14,374	(NA)	373.8	199.7	332.9	(NA)	159.1	439.4	(NA)	(NA)	(NA)	7.71	32	30	4,850.0
Michigan:															
1972.....	14,467	5,019	1,076.2	12,745.1	768.1	1,582.6	8,094.7	23,375.7	30,821.3	54,039.3	2,071.4	5.68	122	119	19,028.7
1967.....	14,340	5,157	1,134.1	9,357.2	816.7	1,669.2	6,008.0	17,241.6	22,011.1	39,133.2	1,360.2	5.87	129	121	19,323.2
1963.....	14,220	4,537	961.1	6,950.7	690.8	1,473.9	4,521.0	13,090.3	(NA)	(NA)	761.8	5.67	109	106	16,958.4
1958.....	13,596	3,990	880.0	5,161.2	608.9	1,204.1	3,184.8	8,363.6	(NA)	(NA)	465.3	5.49	100	100	16,025.2
1954.....	12,711	4,001	1,056.0	5,248.9	809.3	1,650.3	3,661.0	8,707.2	(NA)	(NA)	870.5	6.56	120	100	16,098.7
1947.....	9,891	(NA)	975.5	3,097.3	823.3	(NA)	2,444.6	5,200.1	(NA)	(NA)	(NA)	6.82	111	89	14,294.0
1939.....	5,961	(NA)	618.7	1,025.0	520.2	(NA)	788.0	1,794.0	(NA)	(NA)	(NA)	6.49	70	59	9,527.3
1929.....	6,686	(NA)	599.2	1,041.8	530.0	(NA)	840.5	2,067.3	(NA)	(NA)	(NA)	6.20	68	60	9,659.7
1919.....	8,046	(NA)	541.2	787.2	470.3	(NA)	638.4	1,544.6	(NA)	(NA)	(NA)	5.50	61	61	9,836.8
1909.....	9,159	(NA)	262.1	153.8	231.5	(NA)	119.0	316.5	(NA)	(NA)	(NA)	3.74	30	44	7,012.1
1899.....	7,310	(NA)	169.2	74.9	155.8	(NA)	62.5	143.7	(NA)	(NA)	(NA)	3.49	19	30	4,850.0
Wisconsin:															
1972.....	7,845	2,861	500.5	4,722.3	360.5	720.5	3,062.7	9,443.3	11,970.1	21,245.5	535.3	2.63	114	119	19,028.7
1967.....	7,838	2,727	512.2	3,577.8	374.5	754.8	2,332.8	7,014.1	8,511.3	15,452.1	506.6	2.65	117	121	19,323.2
1963.....	7,937	2,467	461.8	2,781.1	338.5	687.8	1,827.4	5,363.2	(NA)	(NA)	280.7	2.72	105	106	16,958.4
1958.....	7,890	2,331	439.4	2,208.9	320.0	634.1	1,440.4	3,959.5	(NA)	(NA)	203.7	2.74	100	100	16,025.2
1954.....	7,702	2,294	439.2	1,869.1	332.3	669.3	1,268.6	3,334.0	(NA)	(NA)	169.4	2.73	100	100	16,098.7
1947.....	6,980	(NA)	418.7	1,190.8	343.9	(NA)	908.2	2,263.0	(NA)	(NA)	(NA)	2.93	95	89	14,294.0
1939.....	6,334	(NA)	251.8	364.6	198.6	(NA)	249.9	682.0	(NA)	(NA)	(NA)	2.64	57	59	9,527.3
1929.....	7,431	(NA)	309.4	467.5	264.7	(NA)	352.5	949.8	(NA)	(NA)	(NA)	3.20	70	60	9,659.7
1919.....	9,720	(NA)	308.0	375.7	262.2	(NA)	288.7	715.8	(NA)	(NA)	(NA)	3.13	70	61	9,836.8
1909.....	9,721	(NA)	204.9	119.6	182.6	(NA)	93.9	243.9	(NA)	(NA)	(NA)	2.92	47	44	7,012.1
1899.....	7,841	(NA)	148.0	66.2	137.5	(NA)	55.7	141.1	(NA)	(NA)	(NA)	3.05	34	30	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employment	Index of employ- ment change	United States	
								Index of employ- ment change (1958= 100)	Employees						
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)			(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)
WEST NORTH CENTRAL DIVISION															
1972.....	21,467	7,393	1,201.5	10,923.4	837.4	1,647.5	6,604.6	23,584.5	36,690.1	59,766.2	1,365.6	6.31	125	119	19,028.7
1967.....	20,623	6,893	1,205.9	8,164.8	855.2	1,710.4	5,043.6	16,772.6	25,610.8	42,142.3	1,050.6	6.24	125	121	19,323.2
1963.....	20,667	6,257	1,014.4	5,894.4	714.4	1,438.4	3,673.6	11,809.7	(NA)	(NA)	665.0	5.98	105	106	16,958.4
1958.....	20,406	5,836	964.0	4,615.5	685.5	1,342.5	2,913.7	8,869.7	(NA)	(NA)	560.8	6.02	100	100	16,025.2
1954.....	19,020	5,483	962.0	3,854.7	713.2	1,426.5	2,573.3	7,113.9	(NA)	(NA)	389.1	5.97	100	100	16,098.7
1947.....	17,389	(NA)	786.1	2,069.7	635.5	(NA)	1,507.2	4,115.7	(NA)	(NA)	340.5	5.50	82	89	14,294.0
1939.....	14,066	(NA)	490.7	642.7	376.2	(NA)	420.6	1,348.2	(NA)	(NA)	(NA)	5.15	51	59	9,527.3
1929.....	17,792	(NA)	567.2	804.7	474.1	(NA)	589.2	1,870.0	(NA)	(NA)	(NA)	5.87	59	60	9,659.7
1919.....	26,255	(NA)	603.9	734.6	492.1	(NA)	536.3	1,387.8	(NA)	(NA)	(NA)	6.14	63	61	9,836.8
1909.....	27,171	(NA)	437.8	274.3	374.3	(NA)	204.8	562.0	(NA)	(NA)	(NA)	6.24	45	44	7,012.1
1899.....	20,732	(NA)	296.7	146.3	266.1	(NA)	117.2	325.4	(NA)	(NA)	(NA)	6.12	31	30	4,850.0
Minnesota:															
1972.....	5,698	1,930	302.2	2,889.0	196.1	382.8	1,555.1	5,523.8	7,443.4	12,901.3	305.5	1.59	137	119	19,028.7
1967.....	5,409	1,778	299.8	2,106.5	198.8	398.7	1,177.6	4,080.2	5,449.1	9,443.2	231.3	1.55	136	121	19,323.2
1963.....	5,500	1,587	245.9	1,478.6	165.6	331.6	865.4	2,806.1	(NA)	(NA)	159.1	1.45	111	106	16,958.4
1958.....	5,380	1,433	220.8	1,094.8	149.6	293.9	654.9	2,050.4	(NA)	(NA)	108.5	1.38	100	100	16,025.2
1954.....	5,027	1,316	208.5	865.3	151.1	305.3	560.5	1,594.5	(NA)	(NA)	82.2	1.29	94	100	16,098.7
1947.....	4,563	(NA)	181.5	508.4	145.0	(NA)	358.6	1,021.3	(NA)	(NA)	(NA)	1.27	80	89	14,294.0
1939.....	3,735	(NA)	102.2	143.4	78.0	(NA)	95.3	306.8	(NA)	(NA)	(NA)	1.07	46	59	9,527.3
1929.....	4,315	(NA)	124.2	180.1	103.4	(NA)	132.4	405.0	(NA)	(NA)	(NA)	1.28	56	60	9,659.7
1919.....	5,633	(NA)	140.4	169.8	113.8	(NA)	124.8	327.9	(NA)	(NA)	(NA)	1.43	64	61	9,836.8
1909.....	5,561	(NA)	99.0	62.9	84.8	(NA)	47.5	127.8	(NA)	(NA)	(NA)	1.41	45	44	7,012.1
1899.....	4,096	(NA)	71.2	35.1	64.6	(NA)	29.0	73.4	(NA)	(NA)	(NA)	1.47	32	30	4,850.0
Iowa:															
1972.....	3,387	1,170	215.5	2,038.8	157.0	311.2	1,355.0	4,757.7	7,945.0	12,599.8	329.4	1.13	130	119	19,028.7
1967.....	3,388	1,092	210.1	1,434.6	154.0	310.0	946.1	3,250.9	5,498.1	8,681.0	230.7	1.09	126	121	19,323.2
1963.....	3,496	982	178.2	1,046.7	126.9	256.4	687.0	2,287.0	(NA)	(NA)	127.0	1.05	107	106	16,958.4
1958.....	3,596	945	166.1	812.5	120.7	241.0	537.7	1,684.3	(NA)	(NA)	103.2	1.04	100	100	16,025.2
1954.....	3,320	881	163.7	648.4	122.8	248.7	443.6	1,236.0	(NA)	(NA)	73.4	1.02	99	100	16,098.7
1947.....	2,963	(NA)	140.4	372.3	112.5	(NA)	275.4	671.0	(NA)	(NA)	(NA)	.98	85	89	14,294.0
1939.....	2,541	(NA)	88.1	114.1	64.8	(NA)	72.9	243.4	(NA)	(NA)	(NA)	.92	53	59	9,527.3
1929.....	3,317	(NA)	97.4	137.2	81.7	(NA)	102.3	323.8	(NA)	(NA)	(NA)	1.01	59	60	9,659.7
1919.....	5,104	(NA)	98.5	122.2	79.2	(NA)	88.4	221.8	(NA)	(NA)	(NA)	1.00	59	61	9,836.8
1909.....	5,528	(NA)	73.0	43.5	61.6	(NA)	32.5	88.5	(NA)	(NA)	(NA)	1.04	44	44	7,012.1
1899.....	4,828	(NA)	49.6	22.3	44.4	(NA)	18.0	47.1	(NA)	(NA)	(NA)	1.02	30	30	4,850.0
Missouri:															
1972.....	6,732	2,470	434.3	3,897.3	299.8	583.8	2,305.4	8,169.0	10,805.9	18,773.8	395.9	2.29	114	119	19,028.7
1967.....	6,545	2,457	452.2	3,048.9	320.9	631.3	1,851.7	5,895.0	8,229.0	14,085.4	346.8	2.34	119	121	19,323.2
1963.....	6,540	2,325	391.4	2,235.2	276.2	547.8	1,361.7	4,296.0	(NA)	(NA)	211.1	2.31	103	106	16,958.4
1958.....	6,588	2,215	380.5	1,771.1	271.5	519.3	1,088.7	3,250.8	(NA)	(NA)	185.9	2.37	100	100	16,025.2
1954.....	6,198	2,179	381.9	1,496.7	285.4	552.7	977.3	2,727.3	(NA)	(NA)	124.4	2.38	97	100	16,098.7
1947.....	5,721	(NA)	327.1	826.2	269.4	(NA)	606.8	1,620.9	(NA)	(NA)	(NA)	2.29	86	89	14,294.0
1939.....	4,487	(NA)	220.3	280.7	176.0	(NA)	187.5	581.8	(NA)	(NA)	(NA)	2.31	58	59	9,527.3
1929.....	5,765	(NA)	240.6	332.3	202.9	(NA)	240.4	777.5	(NA)	(NA)	(NA)	2.49	63	60	9,659.7
1919.....	8,715	(NA)	235.8	273.7	193.8	(NA)	194.9	534.6	(NA)	(NA)	(NA)	2.40	62	61	9,836.8
1909.....	8,375	(NA)	177.5	109.8	153.0	(NA)	80.8	219.7	(NA)	(NA)	(NA)	2.53	47	44	7,012.1
1899.....	6,853	(NA)	120.2	60.0	107.7	(NA)	46.7	132.1	(NA)	(NA)	(NA)	2.48	32	30	4,850.0
North Dakota:															
1972.....	482	117	10.2	78.6	7.1	14.4	47.7	200.7	379.3	593.9	13.3	.05	162	119	19,028.7
1967.....	454	92	7.5	41.6	5.2	10.7	26.1	112.8	255.5	365.4	6.3	.04	119	121	19,323.2
1963.....	459	78	6.5	31.5	4.5	9.1	19.8	72.4	(NA)	(NA)	8.1	.04	103	106	16,958.4
1958.....	405	79	6.3	26.3	4.4	8.8	17.0	62.6	(NA)	(NA)	9.1	.04	100	100	16,025.2
1954.....	367	65	5.6	19.2	3.9	8.3	12.5	35.0	(NA)	(NA)	16.2	.03	89	100	16,098.7
1947.....	361	(NA)	5.2	12.3	3.8	(NA)	8.5	29.4	(NA)	(NA)	(NA)	.04	82	89	14,294.0
1939.....	342	(NA)	4.1	5.0	2.6	(NA)	2.7	11.0	(NA)	(NA)	(NA)	.04	64	59	9,527.3
1929.....	373	(NA)	5.0	7.8	4.0	(NA)	5.7	15.6	(NA)	(NA)	(NA)	.05	79	60	9,659.7
1919.....	755	(NA)	5.0	6.4	4.2	(NA)	5.0	12.2	(NA)	(NA)	(NA)	.05	79	61	9,836.8
1909.....	752	(NA)	3.4	2.4	2.8	(NA)	1.8	5.5	(NA)	(NA)	(NA)	.05	54	44	7,012.1
1899.....	337	(NA)	1.5	.8	1.4	(NA)	.7	2.1	(NA)	(NA)	(NA)	.03	24	30	4,850.0
South Dakota:															
1972.....	606	151	17.4	134.5	12.9	25.1	89.4	284.5	658.2	936.6	20.1	.09	135	119	19,028.7
1967.....	604	137	15.5	92.5	11.3	22.4	61.7	171.3	494.5	663.3	8.2	.08	120	121	19,323.2
1963.....	586	115	13.2	70.0	9.6	19.9	48.0	140.0	(NA)	(NA)	7.3	.08	102	106	16,958.4
1958.....	575	109	12.9	54.6	9.6	18.6	37.5	114.3	(NA)	(NA)	5.2	.08	100	100	16,025.2
1954.....	546	92	11.5	41.1	8.4	18.0	28.0	77.7	(NA)	(NA)	3.4	.07	89	100	16,098.7
1947.....	494	87	10.3	25.8	8.1	17.7	19.2	51.4	(NA)	(NA)	3.4	.07	80	89	14,294.0
1939.....	450	(NA)	7.3	9.0	5.4	(NA)	5.9	19.6	(NA)	(NA)	(NA)	.08	57	59	9,527.3
1929.....	615	(NA)	7.8	10.7	6.5	(NA)	8.1	22.7	(NA)	(NA)	(NA)	.08	60	60	9,659.7
1919.....	1,054	(NA)	6.8	8.8	5.6	(NA)	6.8	17.1	(NA)	(NA)	(NA)	.07	53	61	9,836.8
1909.....	1,020	(NA)	4.3	2.9	3.6	(NA)	2.3	6.4	(NA)	(NA)	(NA)	.06	33	44	7,012.1
1899.....	624	(NA)	2.5	1.3	2.2	(NA)	1.1	3.0	(NA)	(NA)	(NA)	.05	19	30	4,950.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
WEST NORTH CENTRAL DIVISION--Continued															
Nebraska:															
1972.....	1,723	598	84.9	704.2	63.2	127.6	469.2	1,733.4	4,220.5	5,898.4	102.3	0.45	145	119	19,028.7
1967.....	1,672	525	77.0	475.9	58.4	119.2	325.0	1,150.0	2,402.7	3,531.7	71.4	.40	131	121	19,323.2
1963.....	1,611	474	64.9	348.0	47.0	96.7	228.5	746.6	(NA)	(NA)	46.1	.38	111	106	16,958.4
1958.....	1,553	412	58.6	265.2	42.9	87.0	174.2	536.3	(NA)	(NA)	49.9	.37	100	100	16,025.2
1954.....	1,423	378	59.4	223.5	43.4	90.4	150.7	394.2	(NA)	(NA)	36.4	.37	101	100	16,098.7
1947.....	1,341	(NA)	47.0	119.9	37.3	(NA)	87.4	260.6	(NA)	(NA)	(NA)	.33	80	89	14,294.0
1939.....	1,093	(NA)	26.2	34.1	18.4	(NA)	20.2	68.1	(NA)	(NA)	(NA)	.27	45	59	9,527.3
1929.....	1,491	(NA)	34.8	51.3	28.2	(NA)	36.9	120.0	(NA)	(NA)	(NA)	.36	59	60	9,659.7
1919.....	2,385	(NA)	44.9	60.1	35.4	(NA)	44.5	112.6	(NA)	(NA)	(NA)	.46	77	61	9,836.8
1909.....	2,500	(NA)	29.4	19.4	24.3	(NA)	13.9	47.9	(NA)	(NA)	(NA)	.42	50	44	7,012.1
1899.....	1,695	(NA)	21.0	11.0	18.7	(NA)	8.8	34.3	(NA)	(NA)	(NA)	.43	36	30	4,850.0
Kansas:															
1972.....	2,839	957	137.0	1,181.1	101.3	202.5	782.8	2,915.4	5,237.8	8,062.5	199.2	.72	115	119	19,028.7
1967.....	2,551	812	143.8	964.8	106.5	218.1	655.4	2,112.4	3,281.9	5,372.3	155.9	.74	121	121	19,323.2
1963.....	2,475	696	114.3	684.4	84.6	176.9	463.2	1,461.6	(NA)	(NA)	106.3	.67	96	106	16,958.4
1958.....	2,309	643	118.8	590.8	86.6	173.9	403.7	1,171.0	(NA)	(NA)	99.0	.74	100	100	16,025.2
1954.....	2,139	572	131.4	560.5	98.2	203.1	400.6	2,049.3	(NA)	(NA)	53.0	.82	111	100	16,098.7
1947.....	1,946	(NA)	74.6	204.8	59.4	(NA)	151.3	461.1	(NA)	(NA)	(NA)	.52	63	89	14,294.0
1939.....	1,418	(NA)	42.6	56.4	30.9	(NA)	36.1	117.4	(NA)	(NA)	(NA)	.45	36	59	9,527.3
1929.....	1,916	(NA)	57.3	85.2	47.4	(NA)	63.3	205.4	(NA)	(NA)	(NA)	.59	48	60	9,659.7
1919.....	3,149	(NA)	72.5	93.6	60.2	(NA)	71.8	161.6	(NA)	(NA)	(NA)	.74	61	61	9,836.8
1909.....	3,435	(NA)	51.1	33.3	44.2	(NA)	25.9	66.2	(NA)	(NA)	(NA)	.73	43	44	7,012.1
1899.....	2,299	(NA)	30.7	15.9	27.1	(NA)	12.8	33.3	(NA)	(NA)	(NA)	.63	26	30	4,850.0
SOUTH ATLANTIC DIVISION															
1972.....	41,534	14,981	2,739.1	20,637.8	2,105.8	4,211.9	13,423.6	44,348.6	53,150.1	96,999.6	3,867.3	14.40	145	119	19,028.7
1967.....	37,961	13,138	2,501.5	14,014.0	1,948.9	3,905.5	9,226.2	29,312.8	35,325.5	64,398.8	2,805.7	12.95	133	121	19,323.2
1963.....	35,546	11,809	2,124.8	10,008.4	1,665.1	3,347.9	6,691.5	21,148.5	(NA)	(NA)	1,569.9	12.53	113	106	16,958.4
1958.....	33,425	10,535	1,884.9	7,253.6	1,498.3	2,894.8	4,974.2	14,354.9	(NA)	(NA)	1,078.2	11.76	100	100	16,025.2
1954.....	30,530	9,424	1,777.7	5,696.5	1,466.3	2,847.8	4,072.2	10,657.7	(NA)	(NA)	789.3	11.04	94	100	16,098.7
1947.....	24,000	(NA)	1,523.9	3,371.4	1,344.8	(NA)	2,710.0	6,941.9	(NA)	(NA)	677.7	10.66	81	89	14,294.0
1939.....	16,657	(NA)	1,110.7	1,073.7	977.6	(NA)	818.1	2,217.0	(NA)	(NA)	(NA)	11.66	59	59	9,527.3
1929.....	20,860	(NA)	1,000.0	1,033.7	912.2	(NA)	825.9	2,458.2	(NA)	(NA)	(NA)	10.35	53	60	9,659.7
1919.....	28,682	(NA)	896.6	940.1	812.1	(NA)	771.8	1,847.0	(NA)	(NA)	(NA)	9.11	48	61	9,836.8
1909.....	28,270	(NA)	715.0	301.7	663.0	(NA)	224.4	591.2	(NA)	(NA)	(NA)	10.20	38	44	7,012.1
1899.....	19,144	(NA)	482.7	153.6	458.3	(NA)	130.9	316.1	(NA)	(NA)	(NA)	9.95	26	30	4,850.0
Delaware:															
1972.....	567	243	69.1	754.5	37.7	73.9	304.4	1,291.9	2,108.8	3,387.9	91.5	.37	120	119	19,028.7
1967.....	528	253	70.7	588.4	38.8	75.8	228.1	958.4	1,520.8	2,484.3	115.9	.37	122	121	19,323.2
1963.....	569	243	58.3	429.6	30.4	61.5	159.0	658.2	(NA)	(NA)	88.8	.34	101	106	16,958.4
1958.....	569	222	57.8	347.6	30.0	57.3	125.2	419.8	(NA)	(NA)	27.9	.36	100	100	16,025.2
1954.....	556	209	54.5	267.4	31.0	60.5	104.9	353.1	(NA)	(NA)	23.4	.34	94	100	16,098.7
1947.....	483	(NA)	34.7	92.9	29.3	(NA)	70.6	183.1	(NA)	(NA)	(NA)	.24	60	89	14,294.0
1939.....	416	(NA)	23.4	29.1	19.8	(NA)	21.2	54.1	(NA)	(NA)	(NA)	.25	40	59	9,527.3
1929.....	460	(NA)	26.6	37.4	23.6	(NA)	29.1	69.2	(NA)	(NA)	(NA)	.27	46	60	9,659.7
1919.....	653	(NA)	33.2	44.9	29.0	(NA)	37.2	79.5	(NA)	(NA)	(NA)	.34	57	61	9,836.8
1909.....	726	(NA)	23.3	12.6	21.2	(NA)	10.3	21.9	(NA)	(NA)	(NA)	.33	40	44	7,012.1
1899.....	633	(NA)	21.8	9.8	20.6	(NA)	8.5	16.6	(NA)	(NA)	(NA)	.45	37	30	4,850.0
Maryland:															
1972.....	3,579	1,437	255.6	2,386.3	175.7	345.7	1,427.8	4,706.9	5,309.0	9,963.3	310.3	1.34	99	119	19,028.7
1967.....	3,401	1,463	287.6	1,956.0	205.4	405.6	1,208.5	3,781.3	4,303.1	8,066.3	251.6	1.49	111	121	19,323.2
1963.....	3,519	1,394	263.7	1,549.8	188.9	375.9	960.5	3,017.2	(NA)	(NA)	176.3	1.55	102	106	16,958.4
1958.....	3,435	1,334	259.1	1,257.4	190.5	368.5	813.3	2,394.4	(NA)	(NA)	128.1	1.62	100	100	16,025.2
1954.....	3,253	1,279	255.4	1,002.0	195.9	384.2	675.1	1,888.6	(NA)	(NA)	93.9	1.59	99	100	16,098.7
1947.....	2,826	(NA)	228.7	612.3	188.7	(NA)	458.3	1,139.2	(NA)	(NA)	(NA)	1.60	88	89	14,294.0
1939.....	2,712	(NA)	166.1	209.2	140.9	(NA)	155.9	420.6	(NA)	(NA)	(NA)	1.74	64	59	9,527.3
1929.....	3,231	(NA)	150.9	195.0	131.1	(NA)	148.8	422.1	(NA)	(NA)	(NA)	1.56	58	60	9,659.7
1919.....	4,725	(NA)	159.4	188.2	139.2	(NA)	146.6	322.1	(NA)	(NA)	(NA)	1.62	62	61	9,836.8
1909.....	4,837	(NA)	120.1	59.1	107.9	(NA)	45.4	116.6	(NA)	(NA)	(NA)	1.71	46	44	7,012.1
1899.....	3,886	(NA)	100.9	39.3	94.2	(NA)	32.4	81.7	(NA)	(NA)	(NA)	2.08	39	30	4,850.0
District of Columbia:															
1972.....	564	135	19.4	219.6	9.4	16.5	95.5	389.0	243.7	630.9	19.4	.10	91	119	19,028.7
1967.....	593	155	23.1	178.7	11.7	21.7	77.4	332.8	258.8	589.7	17.0	.12	108	121	19,323.2
1963.....	617	167	22.1	147.6	11.3	21.3	64.7	256.8	(NA)	(NA)	13.0	.13	104	106	16,958.4
1958.....	561	142	21.3	114.0	11.2	21.3	52.8	198.1	(NA)	(NA)	14.7	.13	100	100	16,025.2
1954.....	484	148	20.7	92.3	11.8	22.4	44.7	157.2	(NA)	(NA)	6.5	.13	100	100	16,098.7
1947.....	428	156	17.8	55.9	10.0	21.3	27.7	99.1	(NA)	(NA)	4.5	.13	97	89	14,294.0
1939.....	452	(NA)	14.4	24.9	7.7	(NA)	11.5	43.4	(NA)	(NA)	(NA)	.12	84	59	9,527.3
1929.....	547	(NA)	14.0	25.4	9.8	(NA)	11.5	52.8	(NA)	(NA)	(NA)	.15	68	60	9,659.7
1919.....	568	(NA)	13.3	18.5	10.3	(NA)	13.0	37.4	(NA)	(NA)	(NA)	.14	68	61	9,836.8
1909.....	518	(NA)	9.3	6.8	7.7	(NA)	5.0	15.0	(NA)	(NA)	(NA)	.14	63	44	7,012.1
1899.....	491	(NA)	7.1	3.9	6.2	(NA)	3.0	9.0	(NA)	(NA)	(NA)	.13	44	30	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958= 100)	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
SOUTH ATLANTIC DIVISION--Continued															
Virginia:															
1972.....	4,837	1,768	375.4	2,826.0	293.2	582.9	1,902.1	6,177.5	6,716.7	12,823.5	585.8	1.98	145	119	19,028.7
1967.....	4,938	1,620	339.8	1,905.1	268.2	535.0	1,296.1	4,067.7	4,543.0	8,605.8	347.0	1.76	132	121	19,323.2
1963.....	4,543	1,573	302.1	1,432.0	239.6	480.2	992.1	3,046.2	(NA)	(NA)	231.8	1.78	117	106	16,958.4
1958.....	4,472	1,381	258.1	986.5	204.4	397.6	686.8	2,122.7	(NA)	(NA)	146.5	1.61	100	100	16,025.2
1954.....	4,398	1,290	242.8	776.8	202.7	394.7	576.8	1,629.0	(NA)	(NA)	109.9	1.51	94	100	16,098.7
1947.....	3,643	(NA)	216.5	483.6	189.9	(NA)	384.3	1,050.6	(NA)	(NA)	(NA)	1.51	84	89	14,294.0
1939.....	2,494	(NA)	150.2	150.7	132.1	(NA)	113.8	376.3	(NA)	(NA)	(NA)	1.58	58	59	9,527.3
1929.....	3,287	(NA)	131.6	147.4	120.3	(NA)	118.1	380.1	(NA)	(NA)	(NA)	1.36	51	60	9,659.7
1919.....	5,487	(NA)	132.8	145.4	119.0	(NA)	119.6	271.1	(NA)	(NA)	(NA)	1.35	51	61	9,836.8
1909.....	5,867	(NA)	114.2	47.3	105.7	(NA)	38.2	94.2	(NA)	(NA)	(NA)	1.63	44	44	7,012.1
1899.....	3,186	(NA)	70.1	23.9	66.2	(NA)	20.3	49.3	(NA)	(NA)	(NA)	1.44	27	30	4,850.0
West Virginia:															
1972.....	1,734	607	120.8	1,097.6	92.7	181.8	765.4	2,646.7	2,389.3	5,021.9	216.0	.63	105	119	19,028.7
1967.....	1,844	563	124.0	831.6	96.7	189.9	587.3	2,169.5	1,899.8	4,046.5	269.0	.64	107	121	19,323.2
1963.....	1,832	528	117.0	700.1	90.2	179.8	491.3	1,886.4	(NA)	(NA)	173.0	.69	101	106	16,958.4
1958.....	1,916	519	116.2	573.8	90.4	173.1	411.0	1,268.8	(NA)	(NA)	171.9	.73	100	100	16,025.2
1954.....	2,027	517	122.4	494.9	97.3	185.7	354.7	988.2	(NA)	(NA)	98.9	.76	105	100	16,098.7
1947.....	1,602	558	127.4	337.9	109.0	215.6	268.5	663.9	(NA)	(NA)	82.3	.89	110	89	14,294.0
1939.....	1,094	(NA)	87.7	113.7	74.4	(NA)	87.8	213.3	(NA)	(NA)	(NA)	.92	76	59	9,527.3
1929.....	1,488	(NA)	93.6	136.3	85.3	(NA)	115.3	251.6	(NA)	(NA)	(NA)	.97	81	60	9,659.7
1919.....	2,627	(NA)	90.7	118.9	82.6	(NA)	101.3	199.6	(NA)	(NA)	(NA)	.92	78	61	9,836.8
1909.....	2,586	(NA)	68.9	38.7	63.9	(NA)	33.0	69.1	(NA)	(NA)	(NA)	.98	59	44	7,012.1
1899.....	1,824	(NA)	34.8	14.5	33.1	(NA)	12.6	29.8	(NA)	(NA)	(NA)	.72	30	30	4,850.0
North Carolina:															
1972.....	8,632	3,794	743.7	4,929.1	604.0	1,211.0	3,427.3	11,014.5	13,296.7	24,123.9	986.8	3.93	161	119	19,028.7
1967.....	8,266	3,379	643.8	3,066.1	537.8	1,070.2	2,210.1	6,606.5	8,592.8	15,129.6	664.6	3.33	139	121	19,323.2
1963.....	7,784	2,946	530.6	2,092.1	444.4	890.2	1,527.5	4,566.5	(NA)	(NA)	314.4	3.13	115	106	16,958.4
1958.....	7,352	2,628	461.5	1,486.7	391.7	747.4	1,109.7	3,077.9	(NA)	(NA)	191.3	2.88	100	100	16,025.2
1954.....	6,645	2,369	434.9	1,185.6	380.1	719.4	915.7	2,210.5	(NA)	(NA)	129.6	2.70	93	100	16,098.7
1947.....	5,321	(NA)	381.4	758.8	350.2	(NA)	641.9	1,646.0	(NA)	(NA)	(NA)	2.67	83	89	14,294.0
1939.....	3,158	(NA)	293.3	245.9	269.2	(NA)	198.5	544.1	(NA)	(NA)	(NA)	3.08	63	59	9,527.3
1929.....	3,797	(NA)	226.4	198.8	209.8	(NA)	160.9	693.0	(NA)	(NA)	(NA)	2.34	49	60	9,659.7
1919.....	5,690	(NA)	167.8	148.4	156.4	(NA)	125.0	413.7	(NA)	(NA)	(NA)	1.70	36	61	9,836.8
1909.....	4,931	(NA)	128.0	41.3	121.5	(NA)	34.4	94.8	(NA)	(NA)	(NA)	1.83	28	44	7,012.1
1899.....	3,465	(NA)	75.2	16.4	72.3	(NA)	14.1	40.4	(NA)	(NA)	(NA)	1.55	16	30	4,850.0
South Carolina:															
1972.....	3,719	1,441	345.1	2,344.5	282.7	581.6	1,679.4	4,965.6	5,795.3	10,721.1	506.8	1.81	153	119	19,028.7
1967.....	3,465	1,251	304.3	1,502.2	253.8	523.0	1,106.6	3,030.3	3,448.5	6,440.7	416.6	1.57	135	121	19,323.2
1963.....	3,057	1,076	261.6	1,049.3	221.9	455.3	797.2	2,111.1	(NA)	(NA)	179.8	1.54	116	106	16,958.4
1958.....	2,911	939	225.5	732.1	193.9	381.5	565.0	1,360.1	(NA)	(NA)	75.6	1.41	100	100	16,025.2
1954.....	2,720	834	219.9	634.8	190.1	378.9	487.0	1,040.9	(NA)	(NA)	59.6	1.37	98	100	16,098.7
1947.....	2,135	(NA)	188.8	377.1	175.9	(NA)	330.7	793.9	(NA)	(NA)	(NA)	1.32	84	89	14,294.0
1939.....	1,300	(NA)	136.1	103.2	126.4	(NA)	86.3	169.3	(NA)	(NA)	(NA)	1.43	60	59	9,527.3
1929.....	1,659	(NA)	113.9	86.0	108.8	(NA)	73.2	159.4	(NA)	(NA)	(NA)	1.18	50	60	9,659.7
1919.....	1,821	(NA)	84.0	72.3	78.9	(NA)	61.9	152.3	(NA)	(NA)	(NA)	.85	37	61	9,836.8
1909.....	1,854	(NA)	76.3	24.1	73.0	(NA)	20.4	46.8	(NA)	(NA)	(NA)	1.09	34	44	7,012.1
1899.....	1,369	(NA)	48.4	10.4	47.0	(NA)	9.1	22.9	(NA)	(NA)	(NA)	1.00	21	30	4,850.0
Georgia:															
1972.....	7,627	2,663	467.2	3,329.9	368.4	737.2	2,240.9	7,369.7	11,014.3	18,369.4	687.7	2.46	149	119	19,028.7
1967.....	6,976	2,268	423.1	2,231.2	339.3	684.6	1,522.2	4,683.6	7,054.6	11,713.0	423.3	2.19	135	121	19,323.2
1963.....	6,249	2,056	354.0	1,505.6	290.0	582.4	1,073.0	3,254.0	(NA)	(NA)	202.2	2.09	113	106	16,958.4
1958.....	5,860	1,844	314.1	1,075.0	261.1	500.3	775.9	2,102.3	(NA)	(NA)	169.9	1.96	100	100	16,025.2
1954.....	5,655	1,713	303.0	853.5	260.1	503.5	642.6	1,592.4	(NA)	(NA)	162.8	1.88	96	100	16,098.7
1947.....	4,755	(NA)	250.0	484.3	225.8	(NA)	399.9	1,016.1	(NA)	(NA)	(NA)	1.75	80	89	14,294.0
1939.....	3,055	(NA)	177.0	142.0	155.9	(NA)	106.2	280.0	(NA)	(NA)	(NA)	1.86	56	39	9,527.3
1929.....	4,179	(NA)	171.7	140.7	158.8	(NA)	110.4	294.6	(NA)	(NA)	(NA)	1.78	55	60	9,659.7
1919.....	4,608	(NA)	135.3	125.5	122.6	(NA)	100.1	251.1	(NA)	(NA)	(NA)	1.38	43	61	9,836.8
1909.....	4,792	(NA)	112.9	43.9	104.6	(NA)	34.8	85.9	(NA)	(NA)	(NA)	1.61	36	44	7,012.1
1899.....	3,015	(NA)	87.2	23.2	83.3	(NA)	20.0	45.2	(NA)	(NA)	(NA)	1.80	28	30	4,850.0
Florida:															
1972.....	10,275	2,893	342.9	2,750.3	242.0	481.5	1,580.8	5,786.8	6,276.8	11,957.7	463.0	1.81	200	119	19,028.7
1967.....	7,950	2,186	285.1	1,754.7	197.3	399.8	990.0	3,682.7	3,704.1	7,322.9	300.7	1.48	166	121	19,323.2
1963.....	7,377	1,826	215.4	1,102.3	148.4	301.3	626.2	2,352.0	(NA)	(NA)	152.3	1.07	100	100	16,958.4
1958.....	6,349	1,526	171.3	680.5	125.1	247.8	434.5	1,410.8	(NA)	(NA)	152.3	1.07	100	100	16,025.2
1954.....	4,792	1,065	123.9	389.3	97.3	198.5	270.7	797.7	(NA)	(NA)	104.6	.77	72	100	16,098.7
1947.....	2,807	755	78.7	168.8	66.0	139.9	128.2	350.0	(NA)	(NA)	50.1	.55	46	89	14,294.0
1939.....	1,976	(NA)	62.6	55.4	51.1	(NA)	36.8	115.9	(NA)	(NA)	(NA)	.66	37	59	9,527.3
1929.....	2,212	(NA)	71.3	66.7	64.9	(NA)	54.6	135.5	(NA)	(NA)	(NA)	.74	42	60	9,659.7
1919.....	2,503	(NA)	80.1	78.0	74.2	(NA)	67.1	120.2	(NA)	(NA)	(NA)	.81	47	61	9,836.8
1909.....	1,275	(NA)	37.3	12.2	35.5	(NA)	10.9	21.3	(NA)	(NA)	(NA)	.77	22	30	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	Index of employ- ment change	Employees
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958=100)	(1958=100)	(1,000)
EAST SOUTH CENTRAL DIVISION															
1972.....	16,525	6,246	1,249.1	9,210.9	996.6	1,969.5	6,464.2	21,233.5	25,451.0	46,269.5	1,511.0	6.56	160	119	19,028.7
1967.....	15,746	5,528	1,091.8	5,908.7	878.4	1,735.5	4,162.5	13,717.9	16,096.8	29,658.2	1,405.8	5.65	139	121	19,323.2
1963.....	14,196	4,939	887.7	4,112.8	713.6	1,416.1	2,908.3	9,190.0	(NA)	(NA)	747.1	5.23	114	106	16,958.4
1958.....	13,800	4,381	779.8	3,072.8	626.7	1,210.3	2,189.7	6,389.1	(NA)	(NA)	396.0	4.87	100	100	16,025.2
1954.....	12,854	4,034	729.5	2,364.5	601.5	1,166.8	1,713.8	4,701.9	(NA)	(NA)	256.0	4.53	93	100	16,098.7
1947.....	10,911	(NA)	635.4	1,363.6	559.8	(NA)	1,096.5	2,884.4	(NA)	(NA)	(NA)	4.45	81	89	14,294.0
1939.....	7,024	(NA)	410.0	389.7	355.1	(NA)	288.7	823.1	(NA)	(NA)	(NA)	4.30	52	59	9,527.3
1929.....	9,860	(NA)	416.9	440.5	377.9	(NA)	348.7	924.4	(NA)	(NA)	(NA)	4.32	53	60	9,659.7
1919.....	14,094	(NA)	364.9	367.6	327.4	(NA)	296.5	660.2	(NA)	(NA)	(NA)	3.71	47	61	9,836.8
1909.....	15,381	(NA)	288.3	131.2	261.8	(NA)	102.2	294.3	(NA)	(NA)	(NA)	4.11	37	44	7,012.1
1899.....	10,058	(NA)	188.4	66.4	177.2	(NA)	56.0	148.6	(NA)	(NA)	(NA)	3.88	24	30	4,850.0
Kentucky:															
1972.....	3,167	1,259	258.7	2,160.0	200.4	392.9	1,479.8	5,682.1	6,794.6	12,360.0	380.0	1.37	159	119	19,028.7
1967.....	2,994	1,135	224.6	1,351.9	175.6	344.5	926.7	3,636.0	4,180.5	7,796.0	338.3	1.16	138	121	19,323.2
1963.....	2,946	1,025	180.5	959.0	140.5	280.4	657.4	2,548.5	(NA)	(NA)	223.6	1.06	111	106	16,958.4
1958.....	2,903	927	162.2	721.4	124.7	241.7	491.8	1,769.3	(NA)	(NA)	112.5	1.01	100	100	16,025.2
1954.....	2,651	851	151.1	553.2	119.2	233.7	383.9	1,236.2	(NA)	(NA)	124.0	.94	93	100	16,098.7
1947.....	2,245	(NA)	129.6	304.8	110.6	(NA)	236.1	743.3	(NA)	(NA)	(NA)	.91	80	89	14,294.0
1939.....	1,582	(NA)	76.5	89.0	62.5	(NA)	61.6	186.5	(NA)	(NA)	(NA)	.82	47	59	9,527.3
1929.....	2,246	(NA)	88.6	113.6	77.8	(NA)	88.6	236.1	(NA)	(NA)	(NA)	.92	55	60	9,659.7
1919.....	3,767	(NA)	79.3	85.8	68.7	(NA)	66.3	158.5	(NA)	(NA)	(NA)	.81	49	61	9,836.8
1909.....	4,776	(NA)	74.0	37.5	65.4	(NA)	27.8	112.0	(NA)	(NA)	(NA)	1.06	46	44	7,012.1
1899.....	3,648	(NA)	56.1	22.6	51.7	(NA)	18.5	59.1	(NA)	(NA)	(NA)	1.16	35	30	4,850.0
Tennessee:															
1972.....	5,647	2,291	467.4	3,351.7	367.0	725.3	2,295.1	7,662.0	8,635.7	16,129.3	540.8	2.46	167	119	19,028.7
1967.....	5,040	2,022	418.0	2,190.0	333.6	654.7	1,512.2	4,921.1	5,848.0	10,700.1	412.4	2.16	150	121	19,323.2
1963.....	4,787	1,809	334.3	1,505.2	267.0	530.2	1,040.7	3,299.3	(NA)	(NA)	244.9	1.97	120	106	16,958.4
1958.....	4,508	1,516	279.3	1,077.0	220.8	426.6	739.5	2,207.1	(NA)	(NA)	209.7	1.74	100	100	16,025.2
1954.....	4,058	1,366	267.5	882.6	214.0	418.4	612.5	1,678.8	(NA)	(NA)	152.7	1.66	95	100	16,098.7
1947.....	3,345	(NA)	222.3	475.0	193.2	(NA)	371.6	961.4	(NA)	(NA)	(NA)	1.56	79	89	14,294.0
1939.....	2,225	(NA)	152.2	149.5	131.0	(NA)	108.8	318.4	(NA)	(NA)	(NA)	1.60	54	59	9,527.3
1929.....	2,855	(NA)	142.0	149.1	128.4	(NA)	115.9	322.9	(NA)	(NA)	(NA)	1.47	50	60	9,659.7
1919.....	4,426	(NA)	107.7	105.9	94.6	(NA)	80.7	210.2	(NA)	(NA)	(NA)	1.10	38	61	9,836.8
1909.....	4,609	(NA)	82.3	37.4	73.8	(NA)	28.3	76.2	(NA)	(NA)	(NA)	1.17	29	44	7,012.1
1899.....	3,116	(NA)	49.3	17.8	46.0	(NA)	14.7	38.2	(NA)	(NA)	(NA)	1.02	17	30	4,850.0
Alabama:															
1972.....	4,984	1,630	322.6	2,396.8	262.2	519.3	1,730.8	5,064.8	6,254.4	11,239.5	355.1	1.70	140	119	19,028.7
1967.....	4,951	1,446	288.8	1,602.8	235.3	466.6	1,162.6	3,525.5	3,956.4	7,442.9	378.9	1.49	126	121	19,323.2
1963.....	4,079	1,257	243.8	1,162.4	197.6	391.0	842.3	2,325.2	(NA)	(NA)	147.4	1.44	106	106	16,958.4
1958.....	3,956	1,195	229.8	920.0	188.7	363.2	677.6	1,770.5	(NA)	(NA)	165.1	1.43	100	100	16,025.2
1954.....	3,893	1,152	220.1	690.0	188.4	357.8	528.6	1,319.2	(NA)	(NA)	82.2	1.37	96	100	16,098.7
1947.....	3,336	(NA)	206.2	444.9	185.7	(NA)	372.5	877.4	(NA)	(NA)	(NA)	1.44	95	91	14,294.0
1939.....	1,982	(NA)	129.3	114.7	115.7	(NA)	91.1	245.6	(NA)	(NA)	(NA)	1.36	60	61	9,527.3
1929.....	2,848	(NA)	130.0	126.4	119.6	(NA)	102.0	258.1	(NA)	(NA)	(NA)	1.35	60	62	9,659.7
1919.....	3,522	(NA)	116.4	117.0	106.7	(NA)	98.5	191.0	(NA)	(NA)	(NA)	1.18	54	63	9,836.8
1909.....	3,398	(NA)	78.2	33.8	72.1	(NA)	27.3	62.5	(NA)	(NA)	(NA)	1.12	36	45	7,012.1
1899.....	2,000	(NA)	55.0	17.0	52.7	(NA)	14.9	34.1	(NA)	(NA)	(NA)	1.13	25	30	4,850.0
Mississippi:															
1972.....	2,727	1,066	200.4	1,302.4	166.9	332.0	958.6	2,824.7	3,766.3	6,540.8	235.9	1.05	185	119	19,028.7
1967.....	2,761	925	160.4	764.0	133.8	269.7	560.9	1,635.3	2,111.8	3,719.3	276.2	.83	148	121	19,323.2
1963.....	2,384	848	128.5	486.2	108.5	214.5	367.9	1,017.0	(NA)	(NA)	131.2	.76	118	106	16,958.4
1958.....	2,433	743	108.5	354.4	92.5	178.7	280.8	642.2	(NA)	(NA)	67.7	.68	100	100	16,025.2
1954.....	2,252	665	90.9	238.7	79.8	156.9	188.8	467.6	(NA)	(NA)	37.0	.56	84	100	16,098.7
1947.....	1,985	(NA)	77.4	139.0	70.3	(NA)	116.2	302.3	(NA)	(NA)	(NA)	.54	71	89	14,294.0
1939.....	1,235	(NA)	52.1	36.5	45.9	(NA)	27.1	72.7	(NA)	(NA)	(NA)	.55	48	59	9,527.3
1929.....	1,911	(NA)	56.3	51.4	52.1	(NA)	42.2	107.3	(NA)	(NA)	(NA)	.58	52	60	9,659.7
1919.....	2,379	(NA)	61.5	59.0	57.4	(NA)	51.0	100.6	(NA)	(NA)	(NA)	.62	57	61	9,836.8
1909.....	2,598	(NA)	53.8	22.4	50.4	(NA)	18.8	43.6	(NA)	(NA)	(NA)	.77	50	44	7,012.1
1899.....	1,294	(NA)	28.1	9.0	26.8	(NA)	7.9	17.2	(NA)	(NA)	(NA)	.58	26	30	4,850.0
WEST SOUTH CENTRAL DIVISION															
1972.....	24,018	7,873	1,238.6	10,281.0	896.5	1,789.2	6,346.5	24,596.3	35,246.4	59,748.4	2,327.5	6.51	156	119	19,028.7
1967.....	21,883	6,727	1,083.3	6,854.6	786.6	1,606.5	4,249.4	16,616.5	24,638.4	40,942.7	2,403.8	5.61	136	121	19,323.2
1963.....	20,237	5,920	864.6	4,651.2	625.9	1,278.7	2,896.8	10,974.8	(NA)	(NA)	915.0	5.10	109	106	16,958.4
1958.....	18,659	5,261	794.8	3,645.4	580.7	1,152.1	2,349.6	7,791.5	(NA)	(NA)	894.6	4.95	100	100	16,025.2
1954.....	16,469	4,601	730.8	2,778.6	556.4	1,128.6	1,868.1	5,721.0	(NA)	(NA)	721.1	4.53	92	100	16,098.7
1947.....	13,183	(NA)	550.8	1,334.1	456.6	(NA)	996.3	3,030.2	(NA)	(NA)	457.9	3.85	69	89	14,294.0
1939.....	9,509	(NA)	330.5	362.5	258.9	(NA)	235.0	815.3	(NA)	(NA)	(NA)	3.47	42	59	9,527.3
1929.....	10,576	(NA)	341.1	416.7	297.7	(NA)	316.5	950.5	(NA)	(NA)	(NA)	3.53	43	60	9,659.7
1919.....	13,239	(NA)	323.6	365.4	282.8	(NA)	290.1	724.1	(NA)	(NA)	(NA)	3.29	41	61	9,836.8
1909.....	12,339	(NA)	228.0	123.0	204.5	(NA)	97.6	243.3	(NA)	(NA)	(NA)	3.25	29	44	7,012.1
1899.....	7,174	(NA)	121.6	50.0	113.4	(NA)	42.7	98.8	(NA)	(NA)	(NA)	2.51	15	30	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
								Index of employ- ment change (1958= 100)	Employees						
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)			(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)
WEST SOUTH CENTRAL DIVISION--Continued															
Arkansas:															
1972.....	2,897	1,053	180.9	1,151.7	150.1	298.4	853.4	2,799.8	3,754.8	6,504.2	190.0	0.96	204	119	19,028.7
1967.....	2,911	927	143.6	665.6	120.7	239.6	497.3	1,557.7	2,354.2	3,877.1	172.6	.74	162	121	19,323.2
1963.....	2,859	840	113.6	439.6	95.6	191.8	331.7	960.9	(NA)	(NA)	73.4	.67	128	106	16,958.4
1958.....	2,589	666	88.7	292.7	74.4	144.7	220.7	591.7	(NA)	(NA)	48.2	.55	100	100	16,025.2
1954.....	2,428	568	79.1	211.8	67.5	134.5	171.1	457.0	(NA)	(NA)	42.7	.49	89	100	16,098.7
1947.....	1,926	(NA)	65.8	125.2	58.7	(NA)	102.8	267.5	(NA)	(NA)	(NA)	.46	74	89	14,294.0
1939.....	1,115	(NA)	41.2	33.4	35.7	(NA)	24.2	66.4	(NA)	(NA)	(NA)	.43	46	59	9,527.3
1929.....	1,731	(NA)	48.7	49.4	44.2	(NA)	39.5	94.2	(NA)	(NA)	(NA)	.50	55	60	9,659.7
1919.....	3,044	(NA)	54.2	56.2	49.7	(NA)	46.9	97.0	(NA)	(NA)	(NA)	.55	61	61	9,836.8
1909.....	2,925	(NA)	48.3	22.6	45.0	(NA)	19.1	40.0	(NA)	(NA)	(NA)	.69	54	44	7,012.1
1899.....	1,746	(NA)	33.1	11.4	31.5	(NA)	10.2	21.6	(NA)	(NA)	(NA)	.68	37	30	4,850.0
Louisiana:															
1972.....	3,657	1,133	179.4	1,601.4	134.3	274.6	1,072.1	4,273.4	7,014.1	11,265.0	568.2	.95	131	119	19,028.7
1967.....	3,639	1,016	164.5	1,084.4	120.8	250.6	712.2	2,790.3	4,536.5	7,275.2	741.4	.85	120	121	19,323.2
1963.....	3,222	954	139.5	769.4	104.7	215.4	526.2	1,915.6	(NA)	(NA)	210.8	.82	102	106	16,958.4
1958.....	3,156	935	136.9	621.4	103.5	205.7	426.3	1,429.6	(NA)	(NA)	173.4	.85	100	100	16,025.2
1954.....	3,020	897	145.2	533.9	114.4	232.0	375.7	1,181.6	(NA)	(NA)	174.4	.90	106	100	16,098.7
1947.....	2,388	949	132.5	309.9	111.6	231.4	229.7	694.1	(NA)	(NA)	97.2	.93	97	89	14,294.0
1939.....	1,779	(NA)	87.8	85.3	70.5	(NA)	54.5	198.5	(NA)	(NA)	(NA)	.92	64	59	9,527.3
1929.....	1,989	(NA)	97.6	108.0	87.3	(NA)	83.7	246.5	(NA)	(NA)	(NA)	1.01	71	60	9,659.7
1919.....	2,489	(NA)	109.8	116.7	97.7	(NA)	93.9	243.9	(NA)	(NA)	(NA)	1.21	80	61	9,836.8
1909.....	2,516	(NA)	84.2	42.4	76.2	(NA)	33.4	89.1	(NA)	(NA)	(NA)	1.20	62	44	7,012.1
1899.....	1,826	(NA)	44.5	17.7	40.9	(NA)	14.7	36.0	(NA)	(NA)	(NA)	.92	32	30	4,850.0
Oklahoma:															
1972.....	3,042	897	142.7	1,187.9	95.7	186.1	659.0	2,270.1	3,132.0	5,348.1	223.8	.75	156	119	19,028.7
1967.....	2,611	745	117.7	764.2	78.7	157.8	423.0	1,346.2	1,962.7	3,292.3	80.9	.61	128	121	19,323.2
1963.....	2,575	648	97.7	551.7	64.2	130.1	295.0	978.8	(NA)	(NA)	63.6	.58	107	106	16,958.4
1958.....	2,409	572	91.6	446.4	59.7	118.4	248.5	72.5	(NA)	(NA)	61.9	.57	100	100	16,025.2
1954.....	2,131	524	89.3	363.6	60.6	122.5	212.2	580.6	(NA)	(NA)	51.7	.55	97	100	16,098.7
1947.....	1,740	(NA)	55.4	143.6	44.3	(NA)	105.3	341.1	(NA)	(NA)	(NA)	.39	61	89	14,294.0
1939.....	1,530	(NA)	37.6	47.2	27.6	(NA)	30.0	101.8	(NA)	(NA)	(NA)	.40	41	59	9,527.3
1929.....	1,658	(NA)	38.6	57.6	31.7	(NA)	41.3	149.4	(NA)	(NA)	(NA)	.40	42	60	9,659.7
1919.....	2,316	(NA)	35.4	46.2	29.0	(NA)	34.4	87.6	(NA)	(NA)	(NA)	.36	38	61	9,836.8
1909.....	2,310	(NA)	15.3	9.3	13.1	(NA)	7.2	19.5	(NA)	(NA)	(NA)	.22	16	44	7,012.1
1899.....	495	(NA)	2.7	1.1	2.4	(NA)	.9	2.7	(NA)	(NA)	(NA)	.05	2	30	4,850.0
Texas:															
1972.....	14,422	4,790	735.6	6,340.0	516.4	1,030.1	3,762.0	15,253.0	21,345.5	36,631.1	1,345.5	3.87	154	119	19,028.7
1967.....	12,722	4,039	657.5	4,340.4	466.4	958.5	2,617.0	10,922.4	15,785.0	26,498.1	1,408.8	3.40	138	131	19,323.2
1963.....	11,581	3,478	513.8	2,890.5	361.4	741.4	1,744.0	7,119.5	(NA)	(NA)	567.3	3.03	108	106	16,958.4
1958.....	10,505	3,088	477.6	2,284.9	343.1	683.1	1,453.9	5,045.2	(NA)	(NA)	611.1	2.98	100	100	16,025.2
1954.....	8,890	2,612	417.2	1,659.3	313.9	639.6	1,109.1	3,501.7	(NA)	(NA)	452.2	2.59	87	100	16,098.7
1947.....	7,129	(NA)	297.1	755.4	242.0	(NA)	588.4	1,727.5	(NA)	(NA)	(NA)	2.08	62	89	14,294.0
1939.....	5,085	(NA)	164.0	196.7	125.1	(NA)	126.4	448.5	(NA)	(NA)	(NA)	1.72	34	59	9,527.3
1929.....	5,198	(NA)	156.1	201.7	134.5	(NA)	151.8	460.3	(NA)	(NA)	(NA)	1.62	33	60	9,659.7
1919.....	5,390	(NA)	124.1	146.2	106.3	(NA)	114.9	295.7	(NA)	(NA)	(NA)	1.26	26	61	9,836.8
1909.....	4,588	(NA)	80.1	48.8	70.2	(NA)	37.9	94.7	(NA)	(NA)	(NA)	1.14	17	44	7,012.1
1899.....	3,107	(NA)	41.5	19.8	38.6	(NA)	16.9	38.5	(NA)	(NA)	(NA)	.85	9	30	4,850.0
MOUNTAIN DIVISION															
1972.....	10,119	2,831	388.2	3,469.3	270.7	527.6	2,112.8	7,445.5	10,626.9	17,916.7	723.6	2.04	170	119	19,028.7
1967.....	8,679	2,243	315.1	2,123.3	219.1	436.2	1,299.7	4,521.9	5,615.4	10,111.4	428.9	1.63	138	121	19,323.2
1963.....	8,527	2,021	283.7	1,706.4	195.7	392.5	1,061.3	3,471.7	(NA)	(NA)	246.2	1.67	124	106	16,958.4
1958.....	7,631	1,761	228.7	1,145.2	167.8	334.3	780.3	2,244.3	(NA)	(NA)	185.5	1.42	100	100	16,025.2
1954.....	6,685	1,467	185.0	737.5	141.7	282.3	522.7	1,450.8	(NA)	(NA)	125.4	1.14	81	100	16,098.7
1947.....	5,044	(NA)	140.5	375.9	115.1	(NA)	290.3	783.8	(NA)	(NA)	95.0	.98	61	89	14,294.0
1939.....	3,787	(NA)	89.4	119.1	67.0	(NA)	79.1	269.4	(NA)	(NA)	(NA)	.94	39	59	9,527.3
1929.....	4,319	(NA)	118.8	181.4	102.5	(NA)	144.5	370.1	(NA)	(NA)	(NA)	1.23	52	60	9,659.7
1919.....	6,675	(NA)	122.7	169.0	105.7	(NA)	137.1	303.8	(NA)	(NA)	(NA)	1.25	54	61	9,836.8
1909.....	5,254	(NA)	85.0	69.4	75.4	(NA)	56.9	135.3	(NA)	(NA)	(NA)	1.12	37	44	7,012.1
1899.....	3,146	(NA)	48.0	31.6	44.5	(NA)	27.7	76.2	(NA)	(NA)	(NA)	.99	21	30	4,850.0
Montana:															
1972.....	943	206	21.4	184.6	17.1	33.6	137.7	462.5	1,129.6	1,596.7	75.8	.11	105	119	19,028.7
1967.....	923	191	20.4	129.5	16.1	32.1	96.4	311.6	660.2	967.3	68.9	.11	100	121	19,323.2
1963.....	976	188	20.2	109.2	16.0	31.7	82.8	236.2	(NA)	(NA)	38.6	.12	100	106	16,958.4
1958.....	929	174	20.3	94.8	15.8	30.2	70.4	191.2	(NA)	(NA)	19.9	.13	100	100	16,025.2
1954.....	868	172	18.5	72.1	14.7	27.8	54.1	141.2	(NA)	(NA)	20.6	.11	101	100	16,098.7
1947.....	650	(NA)	15.8	42.8	13.4	(NA)	34.8	90.8	(NA)	(NA)	(NA)	.11	78	89	14,294.0
1939.....	552	(NA)	11.9	17.3	8.8	(NA)	11.7	38.8	(NA)	(NA)	(NA)	.12	59	59	9,527.3
1929.....	589	(NA)	17.1	29.5	14.9	(NA)	24.2	61.2	(NA)	(NA)	(NA)	.18	93	62	9,659.7
1919.....	1,235	(NA)	18.9	28.6	16.6	(NA)	24.0	43.1	(NA)	(NA)	(NA)	.19	103	63	9,836.8
1909.....	677	(NA)	13.0	13.0	11.7	(NA)	10.9	24.1	(NA)	(NA)	(NA)	.19	71	45	7,012.1
1899.....	395	(NA)	10.4	8.2	9.9	(NA)	7.4	22.4	(NA)	(NA)	(NA)	.21	56	31	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
MOUNTAIN DIVISION-- Continued															
Idaho:															
1972.....	1,190	350	43.0	339.9	34.3	66.0	244.6	820.8	1,257.4	2,069.0	74.9	0.23	156	119	19,028.7
1967.....	1,131	303	37.1	219.9	29.0	56.9	157.0	503.4	713.4	1,224.5	57.7	.19	134	121	19,323.2
1963.....	1,103	254	30.5	162.6	24.1	48.5	116.6	366.4	(NA)	(NA)	28.4	.18	111	106	16,958.4
1958.....	1,065	244	27.6	128.1	22.1	43.0	96.5	255.8	(NA)	(NA)	19.2	.17	100	100	16,025.2
1954.....	981	204	24.2	94.2	20.1	39.3	73.2	188.6	(NA)	(NA)	19.2	.15	88	100	16,098.7
1947.....	664	173	16.9	45.7	14.6	31.4	37.9	109.7	(NA)	(NA)	11.4	.12	61	89	14,294.0
1939.....	498	(NA)	11.7	14.7	9.9	(NA)	11.5	29.8	(NA)	(NA)	(NA)	.12	42	59	9,527.3
1929.....	562	(NA)	17.0	25.5	15.6	(NA)	22.5	44.5	(NA)	(NA)	(NA)	.18	62	60	9,659.7
1919.....	803	(NA)	15.0	20.6	13.6	(NA)	18.0	35.7	(NA)	(NA)	(NA)	.15	54	61	9,836.8
1909.....	725	(NA)	9.1	6.5	8.2	(NA)	5.5	12.5	(NA)	(NA)	(NA)	.13	33	44	7,012.1
1899.....	287	(NA)	1.6	.9	1.6	(NA)	.8	1.6	(NA)	(NA)	(NA)	.03	6	30	4,850.0
Wyoming:															
1972.....	377	78	7.0	56.9	5.1	10.1	39.2	143.9	312.3	451.0	23.4	.03	111	119	19,028.7
1967.....	331	65	5.9	37.1	4.2	8.1	23.4	86.2	192.2	280.2	7.6	.03	92	121	19,323.2
1963.....	342	69	6.8	38.0	4.6	9.1	24.7	81.7	(NA)	(NA)	14.0	.04	106	106	16,958.4
1958.....	330	57	6.4	31.6	4.7	9.1	22.2	62.6	(NA)	(NA)	7.0	.04	100	100	16,025.2
1954.....	328	49	6.3	26.9	4.6	9.2	18.8	51.4	(NA)	(NA)	6.9	.04	97	100	16,098.7
1947.....	256	55	5.6	16.7	4.3	8.9	12.3	35.0	(NA)	(NA)	10.2	.04	87	89	14,294.0
1939.....	300	(NA)	4.4	6.6	3.4	(NA)	4.6	15.3	(NA)	(NA)	(NA)	.05	68	59	9,527.3
1929.....	248	(NA)	7.2	12.5	6.3	(NA)	10.3	33.6	(NA)	(NA)	(NA)	.07	111	60	9,659.7
1919.....	437	(NA)	7.1	12.2	6.3	(NA)	10.6	38.1	(NA)	(NA)	(NA)	.07	110	61	9,836.8
1909.....	268	(NA)	3.1	2.4	2.9	(NA)	2.1	3.6	(NA)	(NA)	(NA)	.04	49	44	7,012.1
1899.....	139	(NA)	2.1	1.3	2.1	(NA)	1.2	1.9	(NA)	(NA)	(NA)	.04	33	30	4,850.0
Colorado:															
1972.....	2,841	834	132.6	1,297.8	89.0	176.7	769.7	2,504.3	3,319.7	5,792.9	228.8	.70	171	119	19,028.7
1967.....	2,461	664	104.0	730.5	71.2	143.4	444.8	1,509.2	1,733.0	3,226.6	99.6	.54	134	121	19,323.2
1963.....	2,453	593	93.7	596.0	64.0	128.5	369.1	1,193.8	(NA)	(NA)	68.0	.55	121	106	16,958.4
1958.....	2,274	535	77.5	405.0	55.1	112.0	265.2	781.9	(NA)	(NA)	50.7	.49	100	100	16,025.2
1954.....	2,069	490	64.4	254.8	47.9	95.8	173.0	472.4	(NA)	(NA)	30.1	.04	81	100	16,098.7
1947.....	1,602	425	54.1	144.2	44.2	92.6	109.7	286.8	(NA)	(NA)	32.2	.38	70	89	14,294.0
1939.....	1,219	(NA)	32.2	44.0	23.4	(NA)	28.0	90.3	(NA)	(NA)	(NA)	.34	42	59	9,527.3
1929.....	1,548	(NA)	39.1	57.2	32.9	(NA)	43.6	122.3	(NA)	(NA)	(NA)	.40	50	60	9,659.7
1919.....	2,230	(NA)	40.8	53.8	33.8	(NA)	41.0	97.2	(NA)	(NA)	(NA)	.41	53	61	9,836.8
1909.....	2,034	(NA)	32.4	25.6	28.1	(NA)	19.9	49.6	(NA)	(NA)	(NA)	.46	42	44	7,012.1
1899.....	1,323	(NA)	21.4	13.8	19.5	(NA)	11.7	28.3	(NA)	(NA)	(NA)	.44	28	30	4,850.0
New Mexico:															
1972.....	926	227	23.6	157.2	17.2	32.9	96.0	358.0	567.2	910.4	30.8	.12	172	119	19,028.7
1967.....	749	169	16.9	98.6	11.3	22.3	55.6	204.5	284.3	486.3	10.6	.09	123	121	19,323.2
1963.....	742	169	15.3	82.1	10.2	20.7	47.2	149.6	(NA)	(NA)	10.4	.09	112	106	16,958.4
1958.....	668	153	13.7	59.4	9.8	19.2	38.0	107.6	(NA)	(NA)	24.5	.09	100	100	16,025.2
1954.....	593	101	9.7	32.9	7.1	14.2	22.2	65.7	(NA)	(NA)	6.6	.06	70	100	16,098.7
1947.....	431	(NA)	6.7	15.0	5.5	(NA)	11.4	32.1	(NA)	(NA)	(NA)	.05	49	89	14,294.0
1939.....	262	(NA)	4.1	4.2	3.2	(NA)	2.9	8.6	(NA)	(NA)	(NA)	.04	30	59	9,527.3
1929.....	250	(NA)	5.1	6.8	4.5	(NA)	5.6	11.3	(NA)	(NA)	(NA)	.05	37	60	9,659.7
1919.....	387	(NA)	6.3	7.7	5.7	(NA)	6.7	10.1	(NA)	(NA)	(NA)	.06	46	61	9,836.8
1909.....	313	(NA)	4.5	3.0	4.1	(NA)	2.6	4.6	(NA)	(NA)	(NA)	.06	33	44	7,012.2
1899.....	174	(NA)	2.6	1.3	2.5	(NA)	1.2	2.1	(NA)	(NA)	(NA)	.05	19	30	4,850.0
Arizona:															
1972.....	2,037	597	93.9	855.1	62.3	121.1	481.5	1,879.6	2,233.7	4,041.2	198.4	.50	231	119	19,028.7
1967.....	1,630	424	76.8	543.2	50.8	101.8	308.6	995.3	1,003.9	2,003.7	109.9	.40	189	121	19,323.2
1963.....	1,518	339	56.9	347.5	38.6	77.5	210.5	627.1	(NA)	(NA)	49.5	.34	140	106	16,958.4
1958.....	1,158	257	40.6	213.3	30.0	61.4	148.3	360.2	(NA)	(NA)	27.7	.25	100	100	16,025.2
1954.....	817	175	26.2	110.7	20.3	42.3	80.6	192.5	(NA)	(NA)	13.8	.16	65	100	16,098.7
1947.....	544	125	14.2	39.3	11.2	24.3	29.7	83.8	(NA)	(NA)	8.3	.10	35	89	14,294.0
1939.....	313	(NA)	8.0	11.0	5.9	(NA)	7.0	31.6	(NA)	(NA)	(NA)	.08	20	59	9,527.3
1929.....	348	(NA)	12.2	19.3	10.6	(NA)	15.1	32.3	(NA)	(NA)	(NA)	.13	30	60	9,659.7
1919.....	399	(NA)	9.7	14.7	8.3	(NA)	11.7	27.5	(NA)	(NA)	(NA)	.10	24	61	9,836.8
1909.....	311	(NA)	6.9	6.4	6.4	(NA)	5.5	16.7	(NA)	(NA)	(NA)	.10	27	44	7,012.1
1899.....	154	(NA)	3.3	2.6	3.1	(NA)	2.3	12.6	(NA)	(NA)	(NA)	.07	8	30	4,850.0
Utah:															
1972.....	1,358	430	56.6	486.2	38.8	73.7	286.9	1,068.7	1,584.9	2,632.0	67.9	.30	151	119	19,028.7
1967.....	1,124	353	47.0	314.9	31.7	62.3	182.7	777.9	911.2	1,672.8	59.2	.24	125	121	19,323.2
1963.....	1,110	336	53.5	328.2	33.4	67.0	182.0	710.6	(NA)	(NA)	29.6	.32	142	106	16,958.4
1958.....	1,000	296	37.6	185.9	26.7	52.1	120.8	417.4	(NA)	(NA)	31.3	.23	100	100	16,025.2
1954.....	852	234	29.9	120.6	22.6	44.8	82.4	276.3	(NA)	(NA)	23.4	.19	81	100	16,098.7
1947.....	771	(NA)	24.5	63.8	20.0	(NA)	48.0	128.3	(NA)	(NA)	(NA)	.17	67	89	14,294.0
1939.....	549	(NA)	15.5	19.0	11.5	(NA)	11.9	43.3	(NA)	(NA)	(NA)	.16	42	59	9,527.3
1929.....	651	(NA)	18.5	26.1	15.6	(NA)	19.7	56.7	(NA)	(NA)	(NA)	.19	50	60	9,659.7
1919.....	1,035	(NA)	21.5	26.5	18.4	(NA)	20.9	45.8	(NA)	(NA)	(NA)	.22	58	61	9,836.8
1909.....	749	(NA)	13.4	10.4	11.8	(NA)	8.4	20.7	(NA)	(NA)	(NA)	.19	37	44	7,012.1
1899.....	575	(NA)	6.0	3.3	5.4	(NA)	2.8	6.5	(NA)	(NA)	(NA)	.12	16	30	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
MOUNTAIN DIVISION-- Continued															
Nevada:															
1972.....	447	109	10.0	91.7	6.9	13.5	57.2	207.7	222.1	423.4	23.5	0.05	200	119	19,028.7
1967.....	330	74	7.0	49.6	4.8	9.3	31.2	133.8	117.2	250.0	15.4	.04	140	121	19,323.2
1963.....	283	73	6.8	42.2	4.8	9.5	28.4	106.3	(NA)	(NA)	8.7	.04	136	106	16,958.4
1958.....	207	45	5.0	27.1	3.7	7.4	18.9	67.6	(NA)	(NA)	5.2	.03	100	100	16,025.2
1954.....	177	42	5.7	25.3	4.4	9.1	18.5	62.7	(NA)	(NA)	4.9	.03	114	100	16,098.7
1947.....	126	33	2.7	8.4	2.1	4.7	6.4	17.3	(NA)	(NA)	3.0	.02	53	89	14,294.0
1939.....	94	(NA)	1.5	2.4	1.0	(NA)	1.6	11.5	(NA)	(NA)	(NA)	.02	29	59	9,527.3
1929.....	123	(NA)	2.6	4.4	2.2	(NA)	3.6	8.1	(NA)	(NA)	(NA)	.03	51	60	9,659.7
1919.....	149	(NA)	3.4	4.8	3.1	(NA)	4.2	6.2	(NA)	(NA)	(NA)	.03	67	61	9,836.8
1909.....	177	(NA)	2.5	2.4	2.3	(NA)	2.0	3.5	(NA)	(NA)	(NA)	.04	50	44	7,012.1
1899.....	99	(NA)	.5	.4	.5	(NA)	.4	.6	(NA)	(NA)	(NA)	.01	11	30	4,850.0
PACIFIC DIVISION															
1972.....	46,826	14,400	1,982.1	19,681.9	1,344.6	2,583.7	11,179.6	39,967.7	43,385.0	82,609.0	2,335.7	10.42	124	119	19,028.7
1967.....	42,433	12,972	2,050.3	15,911.2	1,378.5	2,736.7	8,985.4	29,674.9	32,033.8	61,222.9	2,268.8	10.61	129	121	19,323.2
1963.....	43,307	11,813	1,798.1	12,059.6	1,190.7	2,357.5	6,791.7	21,990.8	(NA)	(NA)	1,290.4	10.60	113	106	16,958.4
1958.....	39,736	10,414	1,595.0	8,806.1	1,127.9	2,211.1	5,440.1	15,666.3	(NA)	(NA)	1,057.4	9.95	100	100	16,025.2
1954.....	36,047	9,188	1,411.1	6,325.7	1,060.0	2,073.6	4,261.2	11,364.5	(NA)	(NA)	776.4	8.76	88	100	16,098.7
1947 ⁴	24,132	(NA)	913.7	2,820.2	745.9	(NA)	2,139.5	5,544.0	(NA)	(NA)	553.7	6.39	57	89	14,294.0
1939.....	17,023	(NA)	548.4	787.6	432.9	(NA)	554.9	1,623.2	(NA)	(NA)	(NA)	5.75	34	59	9,527.3
1929 ⁴	18,154	(NA)	555.5	910.0	471.2	(NA)	670.6	1,922.9	(NA)	(NA)	(NA)	5.75	35	60	9,659.7
1919.....	17,759	(NA)	504.4	704.7	442.5	(NA)	583.7	1,337.1	(NA)	(NA)	(NA)	5.12	32	61	9,836.8
1909.....	14,231	(NA)	253.6	195.8	222.2	(NA)	157.9	377.6	(NA)	(NA)	(NA)	3.61	16	44	7,012.1
1899.....	8,599	(NA)	137.7	78.1	129.1	(NA)	66.6	154.4	(NA)	(NA)	(NA)	2.84	9	30	4,850.0
Washington:															
1972.....	5,345	1,463	226.0	2,308.4	159.8	303.3	1,410.9	4,721.4	5,930.1	10,815.7	353.7	1.19	105	119	19,028.7
1967.....	5,014	1,375	270.7	2,119.0	177.1	344.6	1,179.8	3,764.2	4,777.5	8,503.0	464.7	1.40	126	121	19,323.2
1963.....	5,250	1,233	224.4	1,479.1	152.2	297.3	881.4	2,884.9	(NA)	(NA)	143.4	1.32	104	106	16,958.4
1958.....	5,065	1,157	215.0	1,173.3	157.3	305.8	761.4	2,166.6	(NA)	(NA)	160.4	1.34	100	100	16,025.2
1954.....	4,929	1,152	194.1	854.1	148.8	280.8	594.7	1,549.1	(NA)	(NA)	147.1	1.21	90	100	16,098.7
1947.....	3,409	(NA)	144.3	437.8	123.4	(NA)	354.4	874.0	(NA)	(NA)	(NA)	1.01	67	89	14,294.0
1939.....	2,858	(NA)	99.1	142.6	82.3	(NA)	108.2	267.7	(NA)	(NA)	(NA)	1.04	46	59	9,527.3
1929.....	3,672	(NA)	128.7	196.6	114.8	(NA)	160.7	367.1	(NA)	(NA)	(NA)	1.33	60	60	9,659.7
1919.....	4,356	(NA)	144.3	222.5	131.2	(NA)	192.5	361.9	(NA)	(NA)	(NA)	1.47	67	61	9,836.8
1909.....	3,674	(NA)	76.9	59.6	69.1	(NA)	49.8	102.9	(NA)	(NA)	(NA)	1.10	36	44	7,012.1
1899.....	1,929	(NA)	33.6	19.1	31.5	(NA)	17.1	32.6	(NA)	(NA)	(NA)	.69	16	30	4,850.0
Oregon:															
1972.....	4,670	1,461	178.6	1,627.3	141.5	271.3	1,170.0	3,489.9	4,104.3	7,571.2	267.3	.94	133	119	19,028.7
1967.....	4,437	1,275	163.1	1,082.5	131.2	254.8	798.2	2,060.5	2,552.2	4,612.2	234.2	.84	122	121	19,323.2
1963.....	4,881	1,225	145.2	819.6	117.6	226.4	617.1	1,574.8	(NA)	(NA)	132.0	.86	108	106	16,958.4
1958.....	5,072	1,151	134.0	648.6	110.2	209.4	499.8	1,222.2	(NA)	(NA)	123.3	.84	100	100	16,025.2
1954.....	5,870	1,189	135.3	566.7	114.5	214.7	447.7	1,037.5	(NA)	(NA)	67.8	.84	101	100	16,098.7
1947.....	3,075	970	105.6	317.8	92.4	182.2	265.8	675.0	(NA)	(NA)	61.7	.74	79	89	14,294.0
1939.....	1,903	(NA)	67.2	87.9	57.5	(NA)	69.6	156.7	(NA)	(NA)	(NA)	.71	50	59	9,527.3
1929.....	2,463	(NA)	73.9	106.2	65.5	(NA)	86.8	206.5	(NA)	(NA)	(NA)	.76	55	60	9,659.7
1919.....	2,478	(NA)	64.6	93.9	57.8	(NA)	80.1	158.8	(NA)	(NA)	(NA)	.66	48	61	9,836.8
1909.....	2,246	(NA)	32.2	23.9	28.8	(NA)	19.9	42.5	(NA)	(NA)	(NA)	.46	24	44	7,012.1
1899.....	1,406	(NA)	15.6	8.0	14.5	(NA)	6.8	15.8	(NA)	(NA)	(NA)	.32	12	30	4,850.0
California:															
1972.....	35,699	11,149	1,545.1	15,477.8	1,019.4	1,964.1	8,426.5	31,175.2	32,597.6	62,886.7	1,645.9	8.12	127	119	19,028.7
1967.....	31,962	10,012	1,583.5	12,514.5	1,044.9	2,089.7	6,877.8	23,393.6	24,156.7	47,106.1	1,529.2	8.19	130	121	19,323.2
1963.....	32,201	9,079	1,397.6	9,612.2	897.5	1,791.4	5,195.2	17,185.0	(NA)	(NA)	985.1	8.24	115	106	16,958.4
1958.....	28,735	7,858	1,217.3	6,876.3	838.7	1,656.7	4,107.2	12,048.0	(NA)	(NA)	753.2	7.60	100	100	16,025.2
1954.....	24,509	6,642	1,053.3	4,807.4	773.7	1,534.9	3,151.4	8,597.5	(NA)	(NA)	549.8	6.54	86	100	16,098.7
1947.....	17,648	4,991	663.9	2,064.5	530.3	1,070.3	1,519.3	3,994.0	(NA)	(NA)	410.5	4.64	54	89	14,294.0
1939.....	11,558	(NA)	357.1	533.7	271.3	(NA)	358.7	1,122.5	(NA)	(NA)	(NA)	3.75	29	59	9,527.3
1929.....	12,019	(NA)	352.9	607.1	290.9	(NA)	423.1	1,349.2	(NA)	(NA)	(NA)	3.65	29	60	9,659.7
1919.....	10,282	(NA)	276.4	368.7	236.9	(NA)	295.7	742.5	(NA)	(NA)	(NA)	2.81	23	61	9,836.8
1909.....	7,659	(NA)	133.5	107.1	115.3	(NA)	84.1	204.5	(NA)	(NA)	(NA)	1.90	11	44	7,012.1
1899.....	4,997	(NA)	84.1	47.4	77.2	(NA)	39.9	92.5	(NA)	(NA)	(NA)	1.73	7	30	4,850.0
Alaska:															
1972.....	342	91	7.6	77.3	6.2	11.9	58.5	171.2	204.7	379.8	22.1	.04	158	119	19,028.7
1967.....	323	95	7.6	55.6	6.3	11.7	42.7	130.4	147.8	278.2	14.7	.04	158	121	19,323.2
1963.....	303	73	5.8	39.7	4.7	9.2	30.5	85.0	(NA)	(NA)	14.5	.03	121	106	16,958.4
1958.....	246	69	4.8	25.7	3.9	7.3	19.9	64.6	(NA)	(NA)	3.3	.03	100	100	16,025.2
1954 ⁵	219	68	4.1	20.4	3.5	7.0	16.5	40.2	(NA)	(NA)	(NA)	.02	85	100	16,098.7
1939.....	230	(NA)	5.5	8.0	4.8	(NA)	6.9	17.9	(NA)	(NA)	(NA)	.06	114	59	9,527.3
1919.....	147	(NA)	7.3	10.9	6.6	(NA)	8.8	22.0	(NA)	(NA)	(NA)	.11	152	60	9,836.8
1909.....	152	(NA)	3.5	2.3	3.1	(NA)	1.9	6.2	(NA)	(NA)	(NA)	.04	72	61	7,012.1
1899.....	48	(NA)	1.5	1.5	2.3	(NA)	1.4	2.4	(NA)	(NA)	(NA)	(NA)	(NA)	30	4,850.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
PACIFIC DIVISION-- Continued															
Hawaii:															
1972.....	770	236	24.8	191.1	17.7	33.1	113.7	410.0	548.3	955.6	46.7	0.13	104	119	19,028.7
1967.....	697	215	25.4	139.6	19.0	35.9	86.9	326.2	399.6	723.4	26.0	.13	106	121	19,323.2
1963.....	672	203	25.1	109.0	18.7	33.2	67.5	261.1	(NA)	(NA)	15.4	.15	105	106	16,958.4
1958.....	618	179	23.9	82.2	17.8	31.9	51.8	164.9	(NA)	(NA)	17.2	.15	100	100	16,025.2
1954 ⁵	520	137	24.4	77.1	19.5	36.1	50.8	140.3	(NA)	(NA)	11.7	.15	102	100	16,098.7
1939.....	474	(NA)	19.5	15.3	17.0	(NA)	11.5	58.4	(NA)	(NA)	(NA)	.14	82	59	9,527.3
1919.....	496	(NA)	11.7	8.7	10.0	(NA)	6.6	51.9	(NA)	(NA)	(NA)	.12	42	61	9,836.8
1909.....	500	(NA)	7.6	2.8	5.9	(NA)	2.1	21.6	(NA)	(NA)	(NA)	.11	32	44	7,012.1
1899.....	222	(NA)	4.4	2.0	3.7	(NA)	1.5	11.1	(NA)	(NA)	(NA)	.09	18	30	4,850.0
STANDARD CONSOLI- DATED AREAS															
Chicago, IL-North- western Indiana:															
1972.....	14,443	5,743	1,009.0	10,205.6	681.8	1,346.6	5,987.9	19,732.8	21,311.2	40,708.9	1,255.9	5.30	105	119	19,028.7
1967.....	14,321	5,856	1,088.1	8,020.4	764.3	1,524.9	4,871.0	15,561.9	16,717.8	32,075.2	1,283.0	5.63	114	121	19,323.2
1963.....	14,384	5,464	958.5	6,195.4	669.8	1,344.3	3,781.1	11,936.8	(NA)	(NA)	715.6	5.65	100	106	16,958.4
1958.....	14,285	5,117	957.2	5,213.4	663.9	1,297.4	3,177.2	9,577.9	(NA)	(NA)	728.3	5.98	100	100	16,025.2
1954.....	13,643	4,989	991.6	4,545.6	725.3	1,432.4	2,921.6	7,959.8	(NA)	(NA)	430.3	6.16	104	100	16,098.7
1947.....	12,409	(NA)	952.8	3,012.7	762.0	(NA)	2,191.2	5,561.9	(NA)	(NA)	(NA)	6.66	99	89	14,294.0
1939.....	9,116	(NA)	(NA)	(NA)	481.4	(NA)	(NA)	1,904.4	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
New York, NY-North- eastern New Jersey: ⁶															
1972.....	41,684	14,353	1,622.6	15,470.3	1,026.2	1,958.8	7,484.0	28,352.9	28,267.1	56,188.9	1,235.7	8.53	90	119	19,028.7
1967.....	45,894	15,915	1,818.5	12,968.2	1,202.4	2,342.7	6,696.4	23,767.7	24,240.6	47,754.4	1,066.2	9.41	101	121	19,323.2
1963.....	49,904	16,085	1,779.0	10,767.1	1,191.0	2,316.8	5,786.3	19,133.4	(NA)	(NA)	723.0	10.49	99	106	16,958.4
1958.....	51,289	15,645	1,797.0	9,045.3	1,222.7	2,332.8	5,047.3	15,267.8	(NA)	(NA)	630.5	11.22	100	100	16,025.2
1954.....	51,403	15,551	1,835.3	7,804.9	1,336.1	2,566.5	4,714.7	13,115.9	(NA)	(NA)	444.1	11.40	102	100	16,098.7
1947.....	48,281	(NA)	1,598.7	4,919.6	1,269.3	(NA)	3,485.8	9,310.9	(NA)	(NA)	(NA)	11.18	89	89	14,294.0
1939.....	32,132	(NA)	1,116.7	1,646.8	868.0	(NA)	1,062.2	3,126.1	(NA)	(NA)	(NA)	11.72	62	59	9,527.3
1929.....	36,923	(NA)	1,110.9	1,988.8	910.9	(NA)	1,399.9	4,452.5	(NA)	(NA)	(NA)	11.50	62	60	9,659.7
1919.....	42,293	(NA)	(NA)	(NA)	1,057.7	(NA)	1,300.3	3,592.0	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 manu- facturing employees or more) ⁷															
Akron, OH:															
1972.....	989	389	94.4	1,004.3	55.6	111.9	545.7	1,686.2	1,553.9	3,230.7	109.9	.50	107	119	19,028.7
1967.....	877	369	101.1	807.0	62.0	120.6	448.9	1,400.8	1,344.0	2,751.0	96.4	.52	114	121	19,323.2
1963.....	854	314	90.7	638.9	56.4	113.6	359.7	1,014.0	(NA)	(NA)	63.0	.53	102	106	16,958.4
1958.....	824	280	88.6	501.5	59.3	110.1	300.2	809.0	(NA)	(NA)	58.6	.55	100	100	16,025.2
1954.....	780	271	97.6	445.4	67.5	129.7	289.0	676.5	(NA)	(NA)	35.9	.61	110	100	16,098.7
1947.....	562	216	101.2	304.8	81.6	(NA)	232.0	493.2	(NA)	(NA)	(NA)	.66	106	89	14,294.0
1939.....	384	(NA)	(NA)	(NA)	43.4	(NA)	69.6	177.3	(NA)	(NA)	(NA)	.55	59	59	9,527.3
Albany-Schenectady- Troy, NY: ⁸															
1972 new definition	732	306	66.9	676.1	41.9	84.7	354.5	1,322.0	1,127.4	2,439.1	78.0	.35	94	119	19,028.7
1972 old definition	642	252	59.3	624.6	34.4	74.4	324.1	1,206.8	1,021.5	2,221.3	68.6	.31	83	119	19,028.7
1967.....	633	270	65.3	493.2	42.5	85.4	276.2	892.5	780.1	1,665.0	79.9	.34	91	121	19,323.2
1963.....	732	272	61.8	395.1	41.0	82.2	229.7	692.0	(NA)	(NA)	30.9	.36	86	106	16,958.4
1958.....	765	281	71.5	385.0	45.3	88.3	211.8	640.9	(NA)	(NA)	31.3	.45	100	100	16,025.2
1954.....	802	298	85.5	387.8	57.0	115.2	228.0	634.7	(NA)	(NA)	49.3	.53	120	100	16,098.7
1947.....	(NA)	(NA)	78.8	(NA)	(NA)	(NA)	(NA)	361.8	(NA)	(NA)	(NA)	.55	110	89	14,294.0
1939.....	601	(NA)	(NA)	(NA)	42.3	(NA)	(NA)	140.4	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Allentown-Bethlehem- Easton, PA-NJ: ⁸															
1972 new definition	1,116	645	110.4	980.6	80.6	149.0	592.6	1,805.6	1,768.5	3,553.8	164.5	.58	118	119	19,028.7
1972 old definition	1,016	582	103.6	943.0	74.5	138.0	561.8	1,717.6	1,256.6	3,392.6	162.9	.54	110	119	19,028.7
1967.....	1,038	580	102.6	663.6	75.5	142.2	413.6	1,093.2	1,097.8	2,176.1	132.2	.53	109	121	19,323.2
1963.....	1,030	552	93.7	517.9	69.8	131.8	322.8	833.3	(NA)	(NA)	55.4	.55	100	106	16,958.4
1958.....	1,022	539	93.9	430.1	70.3	127.5	271.3	683.8	(NA)	(NA)	44.7	.59	100	100	16,025.2
1954.....	1,007	538	94.2	354.3	74.3	140.4	239.7	593.5	(NA)	(NA)	43.4	.59	100	100	16,098.7
1947.....	898	(NA)	88.6	222.4	76.4	(NA)	177.5	360.7	(NA)	(NA)	(NA)	.62	94	89	14,294.0
1939.....	662	(NA)	67.6	80.8	59.2	(NA)	62.9	158.2	(NA)	(NA)	(NA)	.71	72	59	9,527.3
1929.....	783	(NA)	72.5	107.1	64.9	(NA)	86.5	216.5	(NA)	(NA)	(NA)	.75	77	60	9,659.7
1919.....	1,169	(NA)	(NA)	(NA)	65.0	(NA)	72.4	180.3	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958=100)	Index of employ- ment change (1958=100)	Employees (1,000)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 manufacturing employees or more)—Continued															
Anaheim-Santa Ana-Garden Grove, CA:															
1972.....	2,817	836	131.0	1,369.0	82.0	161.4	678.7	2,734.4	1,962.5	4,682.3	144.3	0.69	412	119	19,028.7
1967.....	1,773	535	125.8	1,106.8	72.1	153.3	481.7	1,963.8	1,265.9	3,083.9	105.0	.65	396	121	19,323.2
1963.....	1,444	393	96.9	687.3	53.8	109.2	325.8	1,198.1	(NA)	(NA)	68.3	.57	305	106	16,958.4
1958.....	833	215	31.8	175.9	21.6	44.1	106.4	315.3	(NA)	(NA)	24.5	.20	100	100	16,025.2
1954.....	539	129	15.8	64.8	12.0	23.4	43.5	115.9	(NA)	(NA)	14.9	.09	42	100	16,098.7
1947.....	299	(NA)	6.1	16.8	4.7	(NA)	12.0	31.2	(NA)	(NA)	(NA)	.04	16	89	14,294.0
1939.....	133	(NA)	(NA)	(NA)	211.3	(NA)	212.7	8.3	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Atlanta, GA: ⁸															
1972 new definition	2,268	848	132.4	1,199.6	89.3	177.7	677.3	2,472.3	4,088.6	6,605.7	171.1	.70	159	119	19,028.7
1972 old definition	1,977	736	115.4	1,089.5	75.8	151.0	608.5	2,254.2	3,809.6	6,113.2	151.9	.61	138	119	19,028.7
1967.....	1,600	652	117.2	809.6	78.8	159.4	446.8	1,604.0	2,498.2	4,094.6	91.1	.60	140	121	19,323.2
1963.....	1,487	568	95.7	538.6	68.1	139.4	328.8	1,153.2	(NA)	(NA)	50.7	.56	115	106	16,958.4
1958.....	1,361	523	83.5	379.7	61.5	119.4	232.3	711.9	(NA)	(NA)	57.8	.52	100	100	16,025.2
1954.....	1,164	450	82.0	300.2	63.0	125.6	197.2	561.1	(NA)	(NA)	24.9	.50	97	100	16,098.7
1947.....	943	(NA)	51.0	115.4	42.4	(NA)	84.0	242.8	(NA)	(NA)	(NA)	.36	61	89	14,294.0
1939.....	637	(NA)	(NA)	(NA)	28.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Baltimore, MD:															
1972.....	2,025	879	180.1	1,743.0	121.9	240.3	1,034.5	3,476.2	3,965.5	7,410.8	228.3	.95	91	119	19,028.7
1967.....	2,049	923	209.7	1,486.1	146.6	290.6	906.6	2,858.8	3,341.6	6,188.4	191.1	1.09	106	121	19,323.2
1963.....	2,072	857	190.5	1,184.0	134.0	267.4	728.9	2,366.4	(NA)	(NA)	124.1	1.12	96	106	16,958.4
1958.....	2,112	866	197.8	1,011.4	141.6	274.6	641.7	1,978.5	(NA)	(NA)	84.0	1.23	100	100	16,025.2
1954.....	2,015	856	196.1	808.9	147.7	291.3	538.2	1,575.8	(NA)	(NA)	76.4	1.21	98	100	16,098.7
1947.....	1,887	(NA)	175.0	491.9	143.3	(NA)	367.1	921.1	(NA)	(NA)	(NA)	1.22	88	89	14,294.0
1939.....	1,976	(NA)	(NA)	(NA)	109.4	(NA)	(NA)	348.4	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Binghamton, NY-PA:															
1972.....	361	155	36.4	377.4	21.3	42.2	174.9	673.5	841.8	1,580.9	29.2	.19	78	119	19,028.7
1967.....	375	166	46.1	347.5	27.2	53.1	155.3	534.7	934.7	1,460.1	27.5	.24	99	121	19,323.2
1963.....	404	158	41.6	259.0	26.1	50.7	125.2	341.7	(NA)	(NA)	19.9	.25	89	106	16,958.4
1958.....	431	170	46.5	227.8	30.7	58.0	121.8	310.6	(NA)	(NA)	14.4	.29	100	100	16,025.2
1954.....	289	137	45.9	176.6	32.5	60.7	112.9	268.7	(NA)	(NA)	15.2	.28	99	100	16,098.7
1947.....	237	99	35.8	106.0	31.0	(NA)	86.8	159.9	(NA)	(NA)	8.2	.25	77	89	14,294.0
1939.....	201	(NA)	(NA)	(NA)	27.2	(NA)	(NA)	61.2	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Birmingham, AL: ⁹															
1972.....	947	380	68.9	589.6	53.4	105.2	417.7	1,123.8	1,457.7	2,567.9	83.2	.36	109	119	19,028.7
1967.....	876	351	68.0	450.1	52.5	104.6	313.8	906.5	1,040.2	1,937.2	75.6	.35	107	121	19,323.2
1963.....	674	282	59.2	362.2	43.0	85.4	240.1	661.1	(NA)	(NA)	35.9	.35	93	106	16,958.4
1958.....	675	291	63.5	335.7	47.2	93.9	226.0	587.0	(NA)	(NA)	42.8	.40	100	100	16,025.2
1954.....	605	266	60.7	253.9	46.2	89.2	170.7	481.6	(NA)	(NA)	31.5	.38	96	100	16,098.7
1947.....	529	(NA)	53.4	138.0	44.8	(NA)	106.7	275.6	(NA)	(NA)	(NA)	.37	92	91	14,294.0
1939.....	374	(NA)	32.0	40.4	28.8	(NA)	33.0	105.4	(NA)	(NA)	(NA)	.34	55	61	9,527.3
1929.....	419	(NA)	36.3	49.5	31.5	(NA)	37.9	111.2	(NA)	(NA)	(NA)	.38	63	62	9,659.7
1919.....	440	(NA)	(NA)	(NA)	28.9	(NA)	33.0	62.5	(NA)	(NA)	(NA)	(NA)	(NA)	63	9,836.8
Boston, MA: ^{9 10}															
1972.....	5,225	1,863	266.5	2,600.0	162.8	315.4	1,269.4	4,918.9	4,026.3	8,910.4	222.0	1.40	91	119	19,028.7
1967.....	5,200	1,974	316.2	2,222.3	209.7	409.3	1,202.6	4,155.5	3,511.2	7,629.2	213.8	1.64	105	121	19,323.2
1963.....	5,465	1,956	293.2	1,768.8	192.6	379.9	964.2	3,014.0	(NA)	(NA)	123.6	1.73	97	106	16,958.4
1958.....	5,803	2,042	301.0	1,514.8	212.5	415.0	886.4	2,442.8	(NA)	(NA)	104.8	1.88	100	100	16,025.2
Bridgeport, CT: ^{9 10}															
1972.....	927	349	63.7	602.7	41.9	83.7	336.7	1,137.6	832.3	1,987.9	43.6	.33	98	119	19,028.7
1967.....	867	341	79.5	585.2	54.7	114.3	357.1	1,150.0	942.0	2,070.9	54.8	.41	123	121	19,323.2
1963.....	839	309	67.4	419.9	47.1	97.0	259.4	799.5	(NA)	(NA)	33.0	.40	104	106	16,958.4
1958.....	801	290	64.7	331.8	45.6	90.0	209.2	570.9	(NA)	(NA)	25.8	.40	100	100	16,025.2
Buffalo, NY:															
1972.....	1,632	655	151.7	1,617.9	108.7	216.3	1,063.0	3,146.3	3,272.8	6,392.5	248.1	.80	87	119	19,028.7
1967.....	1,719	717	176.2	1,354.8	129.0	260.4	904.7	2,653.5	2,795.1	5,409.3	223.5	.91	101	121	19,323.2
1963.....	1,808	679	162.9	1,104.3	117.9	239.5	731.8	2,068.8	(NA)	(NA)	116.3	.96	94	106	16,958.4
1958.....	1,855	701	173.9	980.7	122.6	241.0	638.2	1,715.6	(NA)	(NA)	110.2	1.08	100	100	16,025.2
1954.....	1,829	729	203.4	946.6	152.9	306.6	655.3	1,677.8	(NA)	(NA)	139.5	1.26	117	100	16,098.7
1947.....	1,693	706	183.9	557.4	149.8	(NA)	424.9	1,023.2	(NA)	(NA)	90.3	1.29	106	89	14,294.0
1939.....	1,356	(NA)	115.6	183.8	90.2	(NA)	125.6	391.8	(NA)	(NA)	(NA)	1.21	67	59	9,527.3
1929.....	1,896	(NA)	128.7	212.1	109.0	(NA)	160.8	480.1	(NA)	(NA)	(NA)	1.33	74	60	9,659.7
1919.....	2,900	(NA)	(NA)	(NA)	116.6	(NA)	152.2	346.6	(NA)	(NA)	(NA)	(NA)	(NA)	63	9,836.8

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 manufacturing employees or more)--Continued															
Canton, OH: ⁹															
1972.....	579	220	57.6	567.1	43.0	83.1	391.9	1,151.6	1,206.7	2,354.7	138.8	0.30	114	119	19,028.7
1967.....	514	216	62.5	452.9	46.8	92.0	310.6	896.6	920.0	1,818.6	84.5	.32	122	121	19,323.2
1963.....	519	198	53.0	343.6	40.0	78.7	236.3	666.9	(NA)	(NA)	33.3	.31	104	106	16,958.4
1958.....	477	184	51.2	269.7	38.2	69.6	181.2	499.6	(NA)	(NA)	26.7	.32	100	100	16,025.2
1954.....	456	183	56.9	248.9	45.4	86.7	184.3	449.4	(NA)	(NA)	19.1	.35	111	100	16,098.7
1947.....	385	166	55.6	158.6	47.6	(NA)	128.6	280.2	(NA)	(NA)	15.2	.39	109	89	14,294.0
1939.....	323	(NA)	32.3	50.3	28.9	(NA)	42.1	107.8	(NA)	(NA)	(NA)	.34	63	59	9,527.3
1929.....	338	(NA)	36.8	67.5	32.2	(NA)	54.7	142.5	(NA)	(NA)	(NA)	.38	72	60	9,659.7
1919.....	584	(NA)	(NA)	(NA)	34.2	(NA)	47.9	108.7	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Charlotte-Gastonia, NC: ⁸															
1972 new definition	1,198	533	88.4	620.4	67.0	140.8	393.9	1,239.3	1,497.3	2,682.6	102.9	.46	319	119	19,028.7
1972 old definition	833	345	46.0	353.5	31.7	62.3	194.5	723.7	824.5	1,503.4	52.7	.24	166	119	19,028.7
1967.....	703	309	39.3	220.6	28.4	57.5	127.7	414.6	492.9	908.4	55.1	.20	142	121	19,323.2
1963.....	642	238	32.8	152.4	23.2	47.0	88.2	285.9	(NA)	(NA)	15.9	.19	118	106	16,958.4
1958.....	448	176	27.7	106.7	18.5	37.0	61.3	187.0	(NA)	(NA)	7.5	.15	100	100	16,025.2
Chattanooga, TN-GA: ⁹															
1972.....	635	280	56.8	450.3	45.0	91.6	318.2	927.7	1,205.2	2,119.1	64.4	.30	139	119	19,028.7
1967.....	515	238	51.6	308.3	40.1	81.0	213.0	610.6	874.6	1,482.7	74.4	.27	126	121	19,323.2
1963.....	455	207	38.9	193.8	30.8	62.1	136.6	391.9	(NA)	(NA)	22.4	.23	95	106	16,958.4
1958.....	434	193	40.9	166.1	32.8	64.4	118.2	337.5	(NA)	(NA)	11.9	.26	100	100	16,025.2
1954.....	410	190	43.0	145.2	35.7	69.9	107.5	277.3	(NA)	(NA)	33.5	.27	105	100	16,098.7
1947.....	387	179	38.2	84.4	33.7	(NA)	67.5	149.1	(NA)	(NA)	(NA)	.27	93	89	14,294.0
1939.....	271	(NA)	(NA)	(NA)	23.9	(NA)	(NA)	46.8	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Chicago, IL:															
1972.....	13,988	5,533	909.6	9,064.0	604.9	1,195.1	5,167.7	17,573.8	17,704.3	35,032.1	998.8	4.78	106	119	19,028.7
1967.....	13,906	5,652	983.1	7,168.1	683.6	1,365.9	4,256.6	13,755.3	13,813.9	27,415.2	870.9	5.09	115	121	19,323.2
1963.....	13,956	5,276	860.8	5,473.0	593.6	1,194.3	3,251.0	10,291.1	(NA)	(NA)	485.2	5.08	100	106	16,958.4
1958.....	13,831	4,947	857.2	4,599.9	587.3	1,153.3	2,740.8	8,295.2	(NA)	(NA)	477.3	5.35	100	100	16,025.2
1954.....	13,229	4,811	889.8	4,058.1	644.1	1,276.6	2,556.7	6,979.0	(NA)	(NA)	328.4	5.52	104	100	16,098.7
1947.....	12,082	(NA)	857.8	2,693.8	682.0	(NA)	1,934.4	4,964.1	(NA)	(NA)	(NA)	(NA)	(NA)	89	14,294.0
Cincinnati, OH-KY-IN:															
1972.....	2,045	855	157.6	1,608.8	97.5	197.6	848.9	3,561.2	3,060.9	6,601.2	199.3	.83	100	119	19,028.7
1967.....	1,921	818	166.8	1,258.7	107.2	217.0	681.9	2,704.1	2,767.8	5,460.4	158.3	.86	107	121	19,323.2
1963.....	1,971	797	153.9	989.0	100.1	207.1	554.9	2,057.4	(NA)	(NA)	78.1	.91	98	106	16,958.4
1958.....	1,900	801	156.5	833.3	111.5	207.7	472.6	1,555.3	(NA)	(NA)	106.5	.98	100	100	16,025.2
1954.....	2,082	889	160.8	713.6	117.0	237.6	456.0	1,383.0	(NA)	(NA)	74.8	1.00	103	100	16,098.7
1947.....	1,768	(NA)	143.9	405.1	115.6	(NA)	293.4	870.2	(NA)	(NA)	(NA)	1.01	92	89	14,294.0
1939.....	1,606	(NA)	(NA)	(NA)	76.2	(NA)	93.9	282.9	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Cleveland, OH:															
1972.....	4,359	1,617	268.9	2,887.5	179.6	364.8	1,729.2	5,220.9	4,896.2	10,009.2	284.9	1.41	98	119	19,028.7
1967.....	4,168	1,662	306.8	2,411.4	209.9	428.3	1,471.5	4,297.0	4,263.6	8,522.7	331.0	1.59	112	121	19,323.2
1963.....	4,175	1,517	280.3	1,908.3	194.2	397.6	1,176.4	3,378.8	(NA)	(NA)	176.9	1.65	102	106	16,958.4
1958.....	4,045	1,425	273.7	1,558.2	185.8	365.7	936.6	2,557.5	(NA)	(NA)	143.3	1.71	100	100	16,025.2
1954.....	3,867	1,393	308.1	1,470.1	227.5	452.4	961.8	2,443.8	(NA)	(NA)	219.4	1.91	113	100	16,098.7
1947.....	3,346	(NA)	274.2	881.8	223.5	(NA)	656.9	1,570.3	(NA)	(NA)	(NA)	1.88	98	89	14,294.0
1939.....	2,494	(NA)	(NA)	(NA)	131.9	(NA)	186.2	511.7	(NA)	(NA)	(NA)	1.58	55	59	9,527.3
Columbus, OH: ⁹															
1972.....	1,199	497	102.4	970.3	69.1	135.0	580.7	1,989.2	1,606.0	3,559.7	103.5	.54	140	119	19,028.7
1967.....	947	361	83.0	616.7	56.4	113.0	365.5	1,162.2	1,036.5	2,192.5	116.6	.43	114	121	19,323.2
1963.....	976	361	80.2	510.7	53.7	107.2	303.4	961.9	(NA)	(NA)	57.5	.47	110	106	16,958.4
1958.....	911	338	73.0	381.3	46.8	93.6	224.8	679.8	(NA)	(NA)	52.2	.46	100	100	16,025.2
1954.....	858	331	77.1	332.1	54.7	110.7	214.0	617.3	(NA)	(NA)	40.6	.48	106	100	16,098.7
1947.....	745	(NA)	56.9	158.2	44.1	(NA)	109.2	290.2	(NA)	(NA)	(NA)	.38	75	89	14,294.0
1939.....	550	(NA)	(NA)	(NA)	26.3	(NA)	30.6	93.4	(NA)	(NA)	(NA)	.31	40	59	9,527.3
Dallas-Fort Worth, TX: ¹¹															
1972.....	4,231	1,495	230.0	2,023.5	152.4	302.7	1,119.1	4,075.7	4,338.6	8,496.8	213.6	1.21	152	119	19,028.7
1967.....	3,485	1,251	227.3	1,579.5	155.7	329.1	899.8	3,011.5	3,820.2	8,420.0	234.9	1.18	150	121	19,323.2
1963.....	3,057	1,044	156.9	915.6	103.8	219.1	500.8	(D)	(NA)	(NA)	106.1	.93	104	106	16,958.4
1958.....	2,603	878	151.1	751.2	105.1	209.9	460.8	1,365.5	(NA)	(NA)	66.8	.94	100	100	16,025.2
1954.....	2,119	734	130.6	535.1	95.5	192.5	342.5	904.3	(NA)	(NA)	38.4	.81	86	100	16,098.7
1947.....	(NA)	(NA)	74.6	(NA)	(NA)	(NA)	(NA)	400.6	(NA)	(NA)	(NA)	.52	49	89	14,294.0
1939.....	1,076	(NA)	(NA)	(NA)	25.7	(NA)	(NA)	94.4	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958=100)	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958=100)	Index of employment change (1958=100)	Employees (1,000)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 manufacturing employees or more)—Continued															
Davenport-Rock Island-Moline, IA-IL:															
1972.....	416	167	41.7	463.4	29.8	57.7	300.4	852.2	1,236.3	2,012.8	36.2	0.22	107	119	19,028.7
1967.....	430	173	49.3	387.1	35.2	69.8	254.6	769.9	892.3	1,641.7	74.6	.25	126	121	19,323.2
1963.....	470	170	41.1	272.5	29.9	59.8	181.4	494.3	(NA)	(NA)	37.1	.24	105	106	16,958.4
1958.....	453	154	39.1	213.7	28.7	56.5	142.3	404.9	(NA)	(NA)	22.6	.24	100	100	16,025.2
1954.....	420	154	39.9	173.6	29.9	57.7	118.5	304.2	(NA)	(NA)	20.7	.24	102	100	16,098.7
1947.....	359	(NA)	41.6	120.2	33.7	(NA)	92.4	189.4	(NA)	(NA)	(NA)	.29	106	89	14,294.0
1939.....	318	(NA)	22.0	28.4	(NA)	(NA)	(NA)	70.7	(NA)	(NA)	(NA)	.23	56	59	9,527.3
Dayton, OH:															
1972.....	1,149	450	118.8	1,340.7	78.6	160.1	815.8	2,152.9	1,751.5	3,892.6	107.9	.62	122	119	19,028.7
1967.....	1,041	431	126.2	1,022.6	95.0	196.3	720.0	1,908.4	1,345.3	3,211.9	114.5	.65	130	121	19,323.2
1963.....	1,054	393	104.2	719.0	78.2	163.2	503.2	1,318.3	(NA)	(NA)	59.8	.61	107	106	16,958.4
1958.....	968	371	97.2	552.5	73.0	147.1	392.4	912.1	(NA)	(NA)	41.8	.61	100	100	16,025.2
1954.....	933	365	107.9	(D)	85.9	(D)	(D)	821.0	(NA)	(NA)	(D)	.67	111	100	16,098.7
1947.....	787	329	103.8	332.4	86.5	(NA)	258.3	542.6	(NA)	(NA)	(NA)	.72	106	89	14,294.0
1939.....	592	(NA)	(NA)	(NA)	45.0	(NA)	(NA)	182.9	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Denver-Boulder, CO:															
1972.....	1,808	596	95.5	969.3	61.6	122.1	545.4	1,849.8	2,110.4	3,933.7	146.6	.50	178	119	19,028.7
1967.....	1,499	454	74.1	554.5	48.9	98.4	321.7	1,121.5	1,240.0	2,352.3	73.6	.38	138	121	19,323.2
1963.....	1,481	428	69.5	461.8	45.7	91.6	276.0	926.1	(NA)	(NA)	51.6	.41	134	106	16,958.4
1958.....	1,314	368	53.7	286.0	37.0	75.0	179.9	562.9	(NA)	(NA)	35.8	.34	100	100	16,025.2
1954.....	1,140	(NA)	43.1	177.6	30.5	62.1	113.2	320.5	(NA)	(NA)	19.0	.27	80	100	16,098.7
1947.....	(NA)	(NA)	35.2	(NA)	(NA)	(NA)	(NA)	190.2	(NA)	(NA)	(NA)	.25	68	89	14,294.0
Detroit, MI: ⁹															
1972.....	7,508	2,574	551.6	7,126.7	367.0	766.8	4,151.1	11,694.3	17,154.1	28,697.8	969.5	2.90	118	119	19,028.7
1967.....	7,100	2,606	584.5	5,218.8	394.3	809.8	3,101.9	8,498.1	12,022.4	20,456.0	667.8	3.02	125	121	19,323.2
1963.....	7,023	2,236	493.9	3,847.2	329.7	706.0	2,293.0	6,690.4	(NA)	(NA)	378.6	2.91	106	106	16,958.4
1958.....	6,604	1,911	467.4	2,972.1	295.8	584.6	1,659.9	4,312.4	(NA)	(NA)	218.4	2.92	100	100	16,025.2
1954.....	6,159	2,005	589.9	3,113.8	434.4	881.6	2,073.3	4,713.2	(NA)	(NA)	480.8	3.66	126	100	16,098.7
1947.....	4,761	(NA)	557.2	1,852.3	468.2	(NA)	1,457.7	2,912.7	(NA)	(NA)	(NA)	3.90	119	89	14,294.0
1939.....	2,684	(NA)	372.9	655.1	315.2	(NA)	517.8	1,087.6	(NA)	(NA)	(NA)	3.91	80	59	9,527.3
1929.....	2,844	(NA)	328.4	616.2	291.0	(NA)	507.4	1,216.2	(NA)	(NA)	(NA)	3.40	70	60	9,659.7
1919.....	2,634	(NA)	(NA)	(NA)	265.0	(NA)	402.5	958.8	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Erie, PA:															
1972.....	480	203	42.5	408.2	29.0	57.5	244.8	764.8	647.7	1,401.5	48.5	.22	122	119	19,028.7
1967.....	461	205	42.3	298.4	30.3	61.4	191.6	575.1	456.4	1,033.4	33.5	.22	121	121	19,323.2
1963.....	472	184	36.4	220.8	26.3	52.5	142.4	414.1	(NA)	(NA)	18.2	.21	104	106	16,958.4
1958.....	428	182	34.9	178.8	25.2	49.4	116.1	308.0	(NA)	(NA)	24.5	.22	100	100	16,025.2
1954.....	422	185	40.6	173.0	31.8	62.1	122.1	286.4	(NA)	(NA)	13.9	.25	100	117	16,098.7
1947.....	368	172	46.3	134.7	38.1	(NA)	103.6	224.9	(NA)	(NA)	17.8	.32	129	89	14,294.0
1939.....	296	(NA)	22.8	33.4	19.2	(NA)	25.0	72.1	(NA)	(NA)	(NA)	.24	65	59	9,527.3
1929.....	366	(NA)	27.4	45.1	23.0	(NA)	33.6	91.3	(NA)	(NA)	(NA)	.28	78	60	9,659.7
1919.....	455	(NA)	(NA)	(NA)	22.9	(NA)	28.9	70.4	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Flint, MI: ⁹															
1972.....	371	116	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	119	19,028.7
1967.....	342	110	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	121	19,323.2
1963.....	336	98	68.9	563.5	56.5	131.2	445.9	1,145.9	(NA)	(NA)	81.5	.41	117	106	16,958.4
1958.....	337	84	58.8	348.1	47.3	94.9	266.8	585.9	(NA)	(NA)	20.7	.37	100	100	16,025.2
1954.....	329	87	76.6	392.2	65.0	140.0	320.0	720.8	(NA)	(NA)	149.5	.48	130	100	16,098.7
1947.....	253	(NA)	56.2	174.7	48.9	(NA)	143.4	328.9	(NA)	(NA)	(NA)	.39	96	89	14,294.0
1939.....	164	(NA)	(NA)	(NA)	33.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Fort Wayne, IN: ⁸															
1972 new definition	560	246	57.5	593.8	39.4	79.4	361.4	1,062.1	1,505.3	2,537.6	43.9	.30	184	119	19,028.7
1972 old definition	421	173	45.1	492.5	29.6	60.0	289.4	832.3	1,210.6	2,017.9	30.2	.24	135	119	19,028.7
1967.....	383	157	42.9	339.0	29.3	58.4	201.5	617.5	869.5	1,478.7	41.2	.22	137	121	19,323.2
1963.....	366	134	36.1	247.0	24.5	49.9	149.9	430.1	(NA)	(NA)	15.1	.21	115	106	16,958.4
1958.....	335	126	33.3	183.5	21.0	41.0	102.4	289.6	(NA)	(NA)	16.5	.20	100	100	16,025.2
Gary-Hammond-East Chicago, IN:															
1972.....	455	210	99.4	1,141.6	76.9	151.6	820.2	2,159.0	3,606.9	5,676.7	257.2	.52	99	119	19,028.7
1967.....	415	204	105.0	852.3	80.6	159.0	614.4	1,806.6	2,903.8	4,660.0	412.1	.54	105	121	19,323.2
1963.....	428	188	98.0	722.4	76.2	150.0	530.1	1,648.4	(NA)	(NA)	230.3	.58	98	106	16,958.4
1958.....	454	170	100.0	613.5	76.6	144.1	436.4	1,281.9	(NA)	(NA)	250.8	.62	100	100	16,025.2
1954.....	414	178	101.9	487.5	81.2	155.8	364.9	980.9	(NA)	(NA)	102.0	.63	102	100	16,098.7
1947.....	327	149	95.0	319.0	80.0	(NA)	256.8	597.8	(NA)	(NA)	(NA)	.66	95	89	14,294.0
1939.....	237	(NA)	(NA)	(NA)	58.7	(NA)	(NA)	268.0	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 manufacturing employees or more)—Continued															
Grand Rapids, MI:															
1972.....	1,212	480	74.9	712.8	56.8	114.5	485.6	1,514.4	1,273.5	2,759.6	70.9	0.39	133	119	19,028.7
1967.....	1,174	460	75.7	540.9	59.2	119.1	380.4	1,091.4	947.5	2,028.2	55.2	.39	134	121	19,323.2
1963.....	1,170	416	64.6	393.2	50.5	104.0	280.7	788.7	(NA)	(NA)	37.4	.38	114	106	16,958.4
1958.....	1,094	394	56.5	291.7	43.4	86.7	202.6	548.3	(NA)	(NA)	22.5	.35	100	100	16,025.2
1954.....	1,003	364	63.8	294.3	50.9	106.3	212.3	546.3	(NA)	(NA)	32.8	.40	113	100	16,098.7
1947.....	874	(NA)	59.3	176.1	50.6	(NA)	138.1	311.1	(NA)	(NA)	(NA)	.41	105	89	14,294.0
1939.....	620	(NA)	(NA)	(NA)	30.0	(NA)	35.4	90.2	(NA)	(NA)	(NA)	.29	52	61	9,527.3
Greensboro-Winston-Salem-High Point, NC: ⁸															
1972 new definition	1,559	707	138.0	1,022.4	106.0	209.4	658.2	2,593.4	2,596.9	5,157.6	148.5	.73	160	119	19,028.7
1972 old definition	1,283	580	118.4	896.8	88.4	173.9	562.0	2,339.5	2,345.3	4,687.5	123.9	.63	137	119	19,028.7
1967.....	1,162	517	110.9	596.6	86.8	169.4	382.4	1,567.0	1,607.0	3,162.7	80.3	.57	129	121	19,323.2
1963.....	1,092	459	96.6	431.1	76.0	147.7	279.7	1,169.9	(NA)	(NA)	44.3	.57	112	106	16,958.4
1958.....	1,032	420	86.2	305.3	72.4	137.6	222.8	827.6	(NA)	(NA)	32.4	.54	100	100	16,025.2
Greenville-Spartanburg, SC: ⁸															
1972 new definition	837	397	98.2	682.0	77.7	162.0	464.2	1,458.1	1,676.9	3,096.5	194.7	.52	267	119	19,028.7
1972 old definition	561	253	60.3	414.9	48.0	99.9	287.7	941.0	1,021.0	1,926.5	85.0	.31	163	119	19,028.7
1967.....	431	203	52.8	257.1	43.7	89.2	187.1	507.2	578.8	1,075.7	54.7	.27	143	121	19,323.2
1963.....	406	107	45.3	177.0	38.0	77.6	132.4	314.8	(NA)	(NA)	20.9	.27	123	106	16,958.4
1958.....	342	137	36.8	118.6	31.6	63.5	92.1	206.4	(NA)	(NA)	9.4	.23	100	100	16,025.2
1954.....	303	116	32.6	92.4	29.0	59.0	75.1	145.4	(NA)	(NA)	11.0	.20	88	100	16,098.7
Hartford, CT: ⁹															
1972.....	1,193	438	86.4	893.5	51.0	104.3	433.1	1,395.5	1,201.9	2,553.5	58.5	.45	98	119	19,028.7
1967.....	1,051	412	110.6	901.7	70.6	152.1	485.8	1,432.3	1,261.4	2,722.4	111.1	.57	125	121	19,323.2
1963.....	945	325	90.2	589.5	58.0	121.4	332.0	949.3	(NA)	(NA)	41.0	.53	102	106	16,958.4
1958.....	946	290	88.5	458.6	60.4	120.1	277.8	722.9	(NA)	(NA)	32.5	.55	100	100	16,025.2
Houston, TX: ⁹															
1972.....	3,170	1,065	162.7	1,691.7	102.8	206.2	881.5	4,179.4	5,769.3	9,902.0	441.6	.86	156	119	19,028.7
1967.....	2,621	892	138.1	1,061.8	88.4	184.8	586.1	2,873.0	3,923.5	6,739.8	499.1	.71	132	121	19,323.2
1963.....	2,261	727	108.6	720.3	70.3	145.4	403.8	1,918.4	(NA)	(NA)	160.2	.64	104	106	16,958.4
1958.....	1,976	594	104.5	579.4	70.4	142.3	350.2	1,358.1	(NA)	(NA)	(D)	.65	100	100	16,025.2
1954.....	1,557	494	89.0	(D)	65.1	118.6	243.2	868.7	(NA)	(NA)	87.2	.55	85	100	16,098.7
1947.....	1,050	402	66.0	(D)	52.3	(NA)	(D)	(D)	(NA)	(NA)	(NA)	.46	63	89	14,294.0
1939.....	727	(NA)	(NA)	(D)	24.9	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Indianapolis, IN:															
1972.....	1,505	527	122.5	1,311.8	83.2	167.6	787.4	2,525.3	2,088.6	4,585.1	163.9	.64	116	119	19,028.7
1967.....	1,440	541	134.7	1,009.7	96.5	190.1	636.0	1,855.6	1,700.4	3,561.4	147.2	.70	128	121	19,323.2
1963.....	1,382	475	115.8	751.2	80.3	164.2	463.7	1,368.5	(NA)	(NA)	72.2	.68	110	106	16,958.4
1958.....	1,324	475	105.6	574.3	71.8	143.7	343.4	1,026.0	(NA)	(NA)	(D)	.66	100	100	16,025.2
1954.....	1,338	(NA)	111.8	499.2	82.1	165.9	326.2	896.4	(NA)	(NA)	51.5	.69	106	100	16,098.7
1947.....	943	(NA)	92.3	278.5	72.8	(NA)	198.0	483.4	(NA)	(NA)	(NA)	.70	95	89	14,294.0
1939.....	784	(NA)	50.7	73.8	38.7	(NA)	48.0	138.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Jersey City, NJ:															
1972.....	1,911	744	95.3	849.4	71.2	136.1	546.8	1,899.2	2,036.2	3,914.2	91.8	.50	77	119	19,028.7
1967.....	2,080	772	107.2	737.8	81.2	161.6	488.0	1,584.9	1,855.4	3,425.6	74.0	.55	86	121	19,323.2
1963.....	2,338	822	109.5	633.4	82.9	163.0	422.6	1,384.2	(NA)	(NA)	63.8	.65	88	106	16,958.4
1958.....	2,400	805	124.3	619.2	89.6	173.2	394.5	1,225.0	(NA)	(NA)	49.6	.78	100	100	16,025.2
1954.....	2,363	785	136.6	590.6	100.9	195.8	380.3	1,119.2	(NA)	(NA)	41.7	.85	110	100	16,098.7
1947.....	(NA)	(NA)	144.0	(NA)	(NA)	(NA)	(NA)	889.9	(NA)	(NA)	(NA)	1.01	115	89	14,294.0
1939.....	1,632	(NA)	(NA)	(NA)	85.6	(NA)	(NA)	342.5	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Kansas City, MO-KS: ⁹															
1972.....	1,880	702	118.8	1,144.2	78.0	151.4	678.8	2,902.4	4,059.1	6,903.0	162.8	.62	115	119	19,028.7
1967.....	1,776	690	129.4	906.6	90.4	179.1	573.2	2,070.7	3,145.1	5,180.5	95.3	.67	126	121	19,323.2
1963.....	1,755	645	111.1	684.5	75.4	153.1	423.1	1,514.2	(NA)	(NA)	76.4	.66	108	106	16,958.4
1958.....	1,708	591	103.1	523.8	69.5	136.1	317.8	1,069.1	(NA)	(NA)	60.5	.64	100	100	16,025.2
1954.....	1,548	559	118.0	513.7	85.3	169.3	337.2	1,042.2	(NA)	(NA)	46.0	.73	114	100	16,098.7
1947.....	1,376	(NA)	79.3	220.2	62.2	(NA)	157.1	471.7	(NA)	(NA)	(NA)	.55	77	89	14,294.0
1939.....	1,043	(NA)	(NA)	(NA)	38.3	(NA)	47.6	148.1	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 manufacturing employees or more)—Continued															
Lancaster, PA:															
1972.....	719	334	53.0	446.4	38.9	77.1	280.3	953.0	1,014.7	1,939.4	85.9	0.28	121	119	19,028.7
1967.....	660	302	54.1	333.1	41.3	81.6	214.2	721.6	650.7	1,371.3	46.6	.28	123	121	19,323.2
1963.....	673	295	47.9	255.1	35.9	71.8	160.2	532.6	(NA)	(NA)	26.3	.28	109	106	16,958.4
1958.....	638	276	43.9	190.2	33.7	66.5	124.0	368.0	(NA)	(NA)	15.6	.27	100	100	16,025.2
1954.....	612	263	43.7	157.8	34.7	68.5	110.3	288.6	(NA)	(NA)	16.1	.27	99	100	16,098.7
1947.....	(NA)	(NA)	39.1	(NA)	(NA)	(NA)	(NA)	178.0	(NA)	(NA)	(NA)	.27	89	89	14,294.0
Lansing-East Lansing, MI: ⁸															
1972 new definition	433	149	42.1	504.3	33.3	70.4	378.6	981.4	2,166.6	3,216.4	180.0	.22	163	119	19,028.7
1972 old definition	362	120	37.9	465.4	29.8	63.2	349.0	909.8	2,054.5	3,021.0	176.5	.20	147	119	19,028.7
1967.....	347	117	36.4	307.4	28.3	59.2	228.7	733.0	1,358.4	2,097.3	48.1	.19	141	121	19,323.2
1963.....	351	108	28.4	220.0	21.8	49.5	162.4	475.2	(NA)	(NA)	35.5	.17	110	106	16,958.4
1958.....	340	102	25.8	150.9	19.0	39.1	106.1	283.7	(NA)	(NA)	9.9	.16	100	100	16,025.2
Los Angeles-Long Beach, CA:															
1972.....	18,017	5,908	778.9	7,653.6	524.7	1,015.4	4,213.1	15,234.9	15,326.5	29,869.4	692.3	4.09	112	119	19,028.7
1967.....	17,246	5,705	855.4	6,692.5	579.3	1,163.4	3,780.9	12,088.2	11,776.3	23,727.4	702.1	4.43	123	121	19,323.2
1963.....	17,679	5,186	745.0	5,118.5	494.2	993.5	2,747.0	8,980.9	(NA)	(NA)	389.4	4.39	107	106	16,958.4
1958.....	17,083	4,771	697.2	3,971.5	474.7	945.9	2,312.5	6,729.4	(NA)	(NA)	297.2	4.35	100	100	16,025.2
1954.....	14,424	3,974	633.5	2,929.8	471.7	946.2	1,934.6	5,054.7	(NA)	(NA)	306.0	3.93	92	100	16,098.7
1947.....	9,771	2,722	358.7	1,118.3	281.8	(NA)	797.1	2,052.7	(NA)	(NA)	175.3	2.51	52	91	14,294.0
1939.....	5,505	(NA)	172.8	259.0	127.4	(NA)	167.1	517.7	(NA)	(NA)	(NA)	1.81	25	61	9,527.3
1929.....	5,029	(NA)	127.9	210.0	103.7	(NA)	151.5	505.4	(NA)	(NA)	(NA)	1.32	18	62	9,659.7
1919.....	3,721	(NA)	(NA)	(NA)	63.3	(NA)	74.3	183.9	(NA)	(NA)	(NA)	(NA)	(NA)	63	9,836.8
Louisville, KY-IN: ⁹															
1972.....	1,004	465	113.4	1,073.7	83.2	161.8	715.3	3,022.8	3,550.7	6,512.1	128.2	.60	131	119	19,028.7
1967.....	900	435	110.0	750.5	82.5	158.7	499.1	2,082.5	2,363.7	4,457.3	125.5	.57	127	121	19,323.2
1963.....	904	429	87.7	542.5	65.2	131.7	361.3	1,595.6	(NA)	(NA)	66.7	.52	101	106	16,958.4
1958.....	898	402	86.7	434.6	63.9	125.5	288.2	1,161.4	(NA)	(NA)	52.2	.54	100	100	16,025.2
1954.....	814	390	88.2	373.6	66.5	135.8	253.0	845.0	(NA)	(NA)	91.0	.54	102	105	16,098.7
1947.....	743	(NA)	73.9	193.8	60.9	(NA)	144.2	489.4	(NA)	(NA)	(NA)	.51	85	100	14,294.0
1939.....	641	(NA)	39.8	46.8	35.0	(NA)	35.6	128.5	(NA)	(NA)	(NA)	.41	46	89	9,527.3
1929.....	822	(NA)	49.5	65.3	42.3	(NA)	48.4	153.2	(NA)	(NA)	(NA)	.51	57	59	9,659.7
1919.....	979	(NA)	(NA)	(NA)	35.2	(NA)	34.2	90.7	(NA)	(NA)	(NA)	(NA)	(NA)	63	9,836.8
Memphis, TN-AR-MS: ⁹															
1972.....	1,046	461	64.2	525.9	46.8	94.9	341.9	1,352.4	1,857.6	3,170.6	84.4	.34	153	119	19,028.7
1967.....	862	387	57.4	332.8	42.1	83.3	211.2	796.3	1,291.2	2,078.6	52.2	.30	137	121	19,323.2
1963.....	816	353	47.1	241.4	34.0	70.2	153.9	575.3	(NA)	(NA)	28.3	.28	112	106	16,958.4
1958.....	734	300	41.9	178.1	30.1	59.5	112.1	396.9	(NA)	(NA)	33.4	.26	100	100	16,025.2
1954.....	646	(NA)	43.0	158.0	32.7	66.5	104.3	338.9	(NA)	(NA)	31.9	.26	101	100	16,098.7
1947.....	(NA)	(NA)	36.5	(NA)	(NA)	(NA)	(NA)	204.4	(NA)	(NA)	(NA)	.25	85	89	14,294.0
1939.....	376	(NA)	(NA)	(NA)	18.4	(NA)	(NA)	57.5	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Miami, FL:															
1972.....	2,890	937	86.0	608.9	66.0	127.4	376.8	1,219.0	1,170.7	2,362.1	80.0	.45	233	119	19,028.7
1967.....	2,094	663	58.3	302.9	44.3	87.4	192.2	589.4	578.9	1,165.0	33.4	.30	158	121	19,323.2
1963.....	1,923	534	43.2	192.6	31.7	63.1	119.7	363.1	(NA)	(NA)	21.9	.25	117	106	16,958.4
1958.....	1,696	446	36.9	143.1	25.9	50.2	87.8	252.1	(NA)	(NA)	17.9	.23	100	100	16,025.2
1954.....	1,238	293	24.3	80.2	17.8	34.7	50.0	141.2	(NA)	(NA)	9.8	.15	66	100	16,098.7
Milwaukee, WI:															
1972.....	2,621	1,026	200.0	2,025.4	137.0	272.1	1,256.9	3,700.0	3,430.0	7,074.4	193.8	1.05	106	119	19,028.7
1967.....	2,531	1,015	216.5	1,628.8	149.6	296.6	1,004.9	2,982.5	2,717.1	5,671.8	187.6	1.12	114	121	19,323.2
1963.....	2,405	877	193.8	1,271.9	133.3	266.5	784.1	2,337.2	(NA)	(NA)	96.4	1.14	102	106	16,958.4
1958.....	2,387	838	189.5	1,041.7	129.5	252.7	640.0	1,764.5	(NA)	(NA)	80.0	1.18	100	100	16,025.2
1954.....	2,307	856	192.7	886.7	138.9	274.1	572.5	1,519.7	(NA)	(NA)	73.1	1.10	99	100	16,098.7
1947.....	2,180	(NA)	189.3	569.8	150.0	(NA)	420.1	1,032.0	(NA)	(NA)	(NA)	1.10	100	89	14,294.0
1939.....	(NA)	(NA)	(NA)	(NA)	84.1	(NA)	(NA)	299.8	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Minneapolis-St. Paul, MN-WI: ⁹															
1972.....	3,214	1,233	199.0	2,048.0	118.4	230.9	1,012.7	3,734.8	3,943.0	7,632.1	171.5	1.05	136	119	19,028.7
1967.....	2,696	1,093	203.7	1,524.9	124.7	250.0	784.2	2,819.4	2,885.3	5,625.1	144.3	1.05	140	121	19,323.2
1963.....	2,666	1,008	163.8	1,056.0	102.9	205.2	573.5	1,956.9	(NA)	(NA)	98.9	.97	112	106	16,958.4
1958.....	2,481	881	146.0	766.2	91.9	180.2	421.8	1,396.1	(NA)	(NA)	49.9	.91	100	100	16,025.2
1954.....	2,289	804	143.1	628.1	99.2	98.9	386.4	1,116.8	(NA)	(NA)	49.1	.84	93	100	16,098.7
1947.....	2,152	(NA)	123.3	361.3	96.3	(NA)	245.3	724.6	(NA)	(NA)	(NA)	.86	84	89	14,294.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 manufacturing employees or more)—Continued															
Nashville-Davidson, TN: ⁸															
1972 new definition	1,124	421	72.0	549.4	52.7	103.3	342.7	1,149.7	1,341.9	2,470.4	96.8	0.38	180	119	19,028.7
1972 old definition	894	333	56.2	446.8	40.0	78.7	271.5	915.7	1,094.3	1,999.4	70.8	.30	141	119	19,028.7
1967.....	727	314	54.1	317.4	38.6	78.0	194.1	641.7	761.1	1,392.1	60.3	.28	135	121	19,323.2
1963.....	675	291	46.5	226.2	34.1	68.4	141.0	489.7	(NA)	(NA)	50.2	.27	116	106	16,958.4
1958.....	572	242	40.0	166.1	28.4	56.3	101.0	304.8	(NA)	(NA)	26.6	.25	100	100	16,025.2
Nassau-Suffolk NY: ¹²															
1972.....	4,193	1,219	150.2	1,474.3	97.6	185.9	763.0	2,523.2	2,063.1	4,423.0	111.1	.79	(NA)	119	19,028.7
New Haven-West Haven, CT: ⁸															
1972 new definition	817	314	45.5	410.5	31.5	63.5	247.8	800.7	711.7	1,496.1	37.5	.24	107	119	19,028.7
1972 old definition	101	271	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	119	19,028.7
1967.....	726	301	46.1	321.3	33.9	70.7	206.0	605.5	552.5	1,152.1	41.3	.24	108	121	19,323.2
1963.....	731	280	43.0	253.1	30.7	61.9	156.6	425.1	(NA)	(NA)	27.7	.25	101	106	16,958.4
1958.....	731	277	42.5	205.8	31.3	61.1	130.7	331.6	(NA)	(NA)	18.5	.27	100	100	16,025.2
New Orleans, LA:															
1972.....	934	344	54.6	480.7	39.3	79.0	307.6	988.6	1,307.9	2,289.8	73.2	.29	115	119	19,028.7
1967.....	906	312	55.5	380.0	38.8	78.5	232.9	860.1	1,063.4	1,919.6	82.8	.29	117	121	19,323.2
1963.....	916	309	49.1	282.9	36.5	74.9	193.5	618.4	(NA)	(NA)	31.2	.29	105	106	16,958.4
1958.....	953	323	47.5	212.4	35.7	69.5	145.4	486.0	(NA)	(NA)	27.0	.29	100	100	16,025.2
1954.....	899	314	54.4	197.5	42.2	83.4	137.2	378.7	(NA)	(NA)	64.8	.34	117	100	16,098.7
1947.....	752	(NA)	46.4	107.2	38.9	(NA)	79.9	226.7	(NA)	(NA)	(NA)	.32	99	89	14,294.0
1939.....	709	(NA)	(NA)	(NA)	26.1	(NA)	78.6	224.0	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
New York, NY-NJ: ⁹															
1972.....	28,406	9,456	949.2	8,862.5	589.5	1,106.9	4,000.4	15,120.8	15,634.1	30,604.4	585.1	4.99	80	119	19,028.7
1967.....	34,425	11,316	1,147.4	8,112.7	749.6	1,435.6	3,968.1	13,803.5	13,808.6	27,486.1	439.4	5.94	97	121	19,323.2
1963.....	39,994	11,741	1,147.2	6,849.4	760.7	1,455.2	3,515.6	11,417.0	(NA)	(NA)	345.8	6.76	97	106	16,958.4
1958.....	40,134	11,705	1,184.0	5,876.9	793.7	1,494.3	3,130.0	9,388.5	(NA)	(NA)	316.6	7.40	100	100	16,025.2
1954.....	41,012	11,754	1,203.4	5,038.0	872.1	1,651.8	2,943.6	8,133.2	(NA)	(NA)	183.3	7.47	102	100	16,098.7
1947.....	(NA)	(NA)	1,027.0	(NA)	(NA)	(NA)	(NA)	5,984.5	(NA)	(NA)	(NA)	7.18	87	89	14,294.0
1939.....	26,206	(NA)	(NA)	(NA)	540.9	(NA)	(NA)	1,969.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Newark, NJ:															
1972.....	4,600	1,749	271.8	2,795.3	160.7	317.5	1,312.8	5,608.6	5,071.4	10,614.6	269.9	1.43	111	119	19,028.7
1967.....	4,466	1,769	263.7	1,958.4	170.2	343.4	1,033.4	4,071.1	4,117.6	8,147.4	295.6	1.36	107	121	19,323.2
1963.....	4,692	1,705	250.2	1,613.8	160.3	321.9	852.9	3,015.6	(NA)	(NA)	155.8	1.48	102	106	16,958.4
1958.....	4,424	1,586	245.6	1,289.8	163.6	320.3	738.6	2,292.9	(NA)	(NA)	123.1	1.53	100	100	16,025.2
1954.....	4,255	1,571	255.5	1,138.6	181.1	359.4	695.3	1,965.0	(NA)	(NA)	128.2	1.59	104	100	16,098.7
1947.....	(NA)	(NA)	222.8	(NA)	(NA)	(NA)	(NA)	1,317.3	(NA)	(NA)	(NA)	1.56	91	89	14,294.0
1939.....	2,458	(NA)	(NA)	(NA)	116.1	(NA)	(NA)	438.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Northeast Penn- sylvania: ¹⁰															
1972.....	1,305	728	82.8	540.1	68.4	124.2	399.7	1,024.2	867.5	1,892.4	55.7	.44	125	119	19,028.7
1967.....	1,260	714	83.4	390.5	69.7	129.5	294.4	811.7	663.9	1,412.3	37.5	.43	126	121	19,323.2
1963.....	1,260	665	72.8	280.0	62.1	114.0	216.0	501.2	(NA)	(NA)	19.1	.42	110	106	16,958.4
1958.....	1,183	584	66.0	217.6	56.4	102.5	168.9	367.4	(NA)	(NA)	11.5	.41	100	100	16,025.2
Oklahoma City, OK: ⁹															
1972.....	857	253	41.0	347.1	26.6	51.9	190.9	787.0	837.1	1,595.8	61.6	.22	215	119	19,028.7
1967.....	696	182	29.3	185.1	19.6	39.4	103.2	323.3	450.3	779.7	18.4	.15	153	121	19,323.2
1963.....	692	173	27.2	153.1	17.6	36.3	74.9	299.2	21.3	148.1	19.1	.16	142	106	16,958.4
1958.....	573	147	19.1	87.0	11.5	23.6	45.9	144.1	9.1	108.2	16.2	.11	100	100	16,025.2
Paterson-Clifton- Passaic, NJ: ⁸															
1972 new definition	1,590	669	75.5	671.6	54.7	107.3	406.5	1,179.4	1,055.0	2,245.0	58.7	.40	48	119	19,028.7
1972 old definition	4,047	1,542	185.7	1,751.5	121.7	238.6	935.2	3,138.2	3,116.0	6,281.6	156.8	.98	117	119	19,028.7
1967.....	3,851	1,492	190.0	1,320.8	130.5	260.7	758.7	2,506.6	2,536.6	4,989.3	132.5	.98	120	121	19,323.2
1963.....	3,826	1,322	176.5	1,053.1	122.7	247.4	640.5	2,002.9	(NA)	(NA)	71.5	1.04	111	106	16,958.4
1958.....	3,364	1,138	158.5	806.5	115.1	226.3	507.9	1,464.6	(NA)	(NA)	55.5	.99	100	100	16,025.2
1954.....	2,956	1,041	157.2	674.3	119.0	235.2	451.5	1,162.7	(NA)	(NA)	39.7	1.04	99	100	16,098.7
1947.....	(NA)	(NA)	131.0	(NA)	(NA)	(NA)	(NA)	701.6	(NA)	(NA)	(NA)	.92	83	89	14,294.0
1939.....	1,364	(NA)	(NA)	(NA)	82.5	(NA)	(NA)	227.7	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employment	Index of employment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958=100)	Index of employment change (1958=100)	Employees (1,000)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 manufacturing employees or more)—Continued															
Peoria, IL:															
1972.....	364	146	44.9	519.3	30.1	59.0	309.3	1,138.8	858.4	1,980.6	65.4	0.24	121	119	19,028.7
1967.....	351	156	46.6	371.3	31.9	60.5	228.2	765.5	677.3	1,433.1	93.2	.24	125	121	19,323.2
1963.....	368	141	40.1	277.6	27.6	55.2	172.3	604.2	(NA)	(NA)	24.1	.24	108	106	16,958.4
1958.....	338	129	37.2	195.6	25.4	46.0	117.6	496.8	(NA)	(NA)	29.5	.23	100	100	16,025.2
1954.....	348	116	41.5	186.4	30.9	61.2	126.1	366.7	(NA)	(NA)	21.3	.26	111	100	16,098.7
1947.....	300	(NA)	43.0	124.7	34.9	(NA)	94.9	282.2	(NA)	(NA)	(NA)	.30	116	89	14,294.0
1939.....	280	(NA)	(NA)	(NA)	19.1	(NA)	28.2	85.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Philadelphia, PA-NJ:															
1972.....	7,889	3,161	495.7	4,774.6	331.4	644.3	2,714.6	9,189.9	9,904.2	19,049.5	570.0	2.61	93	119	19,028.7
1967.....	7,938	3,317	573.8	4,125.2	397.5	782.4	2,405.6	7,958.8	8,242.1	16,016.5	624.9	2.97	107	121	19,323.2
1963.....	8,287	3,212	535.8	3,310.6	374.8	743.5	1,998.1	6,031.6	(NA)	(NA)	297.5	3.16	100	106	16,958.4
1958.....	8,251	3,147	536.9	2,738.9	380.4	738.1	1,688.8	4,826.3	(NA)	(NA)	306.1	3.35	100	100	16,025.2
1954.....	8,079	3,159	563.8	2,401.4	419.9	827.0	1,564.3	4,023.7	(NA)	(NA)	275.8	3.50	105	100	16,098.7
1947.....	7,394	(NA)	531.8	1,530.7	437.0	(NA)	1,139.1	2,772.6	(NA)	(NA)	(NA)	3.72	99	89	14,294.0
1939.....	5,756	(NA)	393.6	555.6	320.6	(NA)	385.8	1,037.3	(NA)	(NA)	(NA)	4.13	73	59	9,527.3
1929.....	7,136	(NA)	428.9	663.0	367.8	(NA)	497.4	1,396.5	(NA)	(NA)	(NA)	4.44	79	60	9,659.7
1919.....	11,673	(NA)	(NA)	(NA)	465.5	(NA)	567.9	1,303.0	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Phoenix, AZ:															
1972.....	1,367	411	71.9	673.6	46.4	90.4	365.5	1,379.0	1,199.9	2,543.5	81.5	.38	279	119	19,028.7
1967.....	1,063	296	59.3	433.4	37.0	75.1	228.2	773.3	615.8	1,396.4	89.4	.31	230	121	19,323.2
1963.....	975	233	40.9	253.1	26.3	52.9	142.8	435.6	(NA)	(NA)	38.3	.24	159	106	16,958.4
1958.....	705	170	25.8	139.7	18.4	38.0	94.5	227.7	(NA)	(NA)	14.3	.16	100	100	16,025.2
1954.....	461	(NA)	15.8	67.3	11.9	24.8	47.7	115.3	(NA)	(NA)	7.5	.10	61	100	16,098.7
Pittsburgh, PA:															
1972.....	2,530	981	262.8	2,836.6	166.9	323.7	1,577.5	4,163.9	5,400.5	9,432.7	254.7	1.38	86	119	19,028.7
1967.....	2,464	1,023	299.6	2,383.0	197.1	380.8	1,350.2	3,838.3	4,441.7	8,204.5	385.8	1.55	98	121	19,323.2
1963.....	2,578	947	272.2	1,925.6	181.1	351.8	1,119.0	2,879.2	(NA)	(NA)	199.9	1.60	89	106	16,958.4
1958.....	2,574	921	305.7	1,798.2	202.7	380.1	1,057.1	2,622.3	(NA)	(NA)	262.6	1.91	100	100	16,025.2
1954.....	2,381	917	331.6	1,557.8	239.8	454.8	995.8	2,481.8	(NA)	(NA)	164.0	2.06	108	100	16,098.7
1947.....	2,227	(NA)	337.9	1,023.8	284.0	(NA)	807.1	1,704.3	(NA)	(NA)	(NA)	2.36	111	89	14,294.0
1939.....	1,905	(NA)	229.4	357.0	191.3	(NA)	270.4	640.9	(NA)	(NA)	(NA)	2.41	75	59	9,527.3
1929.....	2,544	(NA)	248.6	423.3	216.5	(NA)	338.0	835.3	(NA)	(NA)	(NA)	2.57	81	60	9,659.7
1919.....	3,796	(NA)	(NA)	(NA)	245.0	(NA)	366.3	803.6	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Portland, OR-WA:															
1972.....	2,009	671	86.4	808.9	62.4	117.9	512.4	1,596.9	1,896.3	3,467.1	92.9	.45	148	119	19,028.7
1967.....	1,826	563	79.8	561.0	58.4	113.9	368.4	1,115.4	1,304.2	2,420.5	77.0	.41	137	121	19,323.2
1963.....	1,863	519	65.3	392.8	47.5	92.4	258.6	768.2	(NA)	(NA)	48.9	.38	112	106	16,958.4
1958.....	1,791	458	58.3	296.2	43.5	82.9	201.6	597.6	(NA)	(NA)	32.2	.36	100	100	16,025.2
1954.....	1,787	438	57.5	244.1	44.8	85.9	172.0	475.0	(NA)	(NA)	27.2	.36	98	100	16,098.7
1947.....	1,298	409	51.6	153.7	42.7	(NA)	119.9	314.3	(NA)	(NA)	36.3	.36	89	89	14,294.0
1939.....	943	(NA)	28.4	38.2	25.0	(NA)	30.7	79.9	(NA)	(NA)	(NA)	.30	49	59	9,527.3
1929.....	1,307	(NA)	38.1	56.8	31.6	(NA)	42.3	112.6	(NA)	(NA)	(NA)	.39	65	60	9,659.7
1919.....	1,129	(NA)	(NA)	(NA)	38.1	(NA)	54.9	111.9	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Providence-Warwick-Pawtucket, RI-MA:															
1972 ⁹	2,991	997	131.9	994.4	102.4	197.7	632.9	1,959.9	1,713.3	3,633.4	108.0	.69	104	119	19,028.7
1967.....	2,925	1,024	138.0	789.9	108.8	212.7	526.8	1,533.9	1,377.4	2,885.0	89.2	.71	108	121	19,323.2
1963.....	2,918	951	125.9	596.4	99.2	197.2	406.7	1,075.2	(NA)	(NA)	47.8	.74	99	106	16,958.4
1958.....	2,938	996	127.2	509.9	101.0	195.9	347.8	852.1	(NA)	(NA)	33.4	.79	100	100	16,025.2
Reading, PA:															
1972.....	631	317	51.8	429.5	39.7	75.8	290.2	865.4	832.2	1,682.8	48.3	.27	107	119	19,028.7
1967.....	666	336	56.4	334.3	44.6	88.0	230.2	597.5	617.9	1,215.0	50.8	.29	117	121	19,323.2
1963.....	677	311	50.7	255.1	39.9	77.9	175.4	429.5	(NA)	(NA)	24.6	.30	105	106	16,958.4
1958.....	702	319	48.4	194.4	38.9	73.6	137.9	341.7	(NA)	(NA)	16.4	.30	100	100	16,025.2
1954.....	669	317	49.4	169.2	41.5	78.1	126.9	294.3	(NA)	(NA)	17.4	.31	102	100	16,098.7
1947.....	616	(NA)	53.0	135.8	46.4	(NA)	110.8	230.2	(NA)	(NA)	(NA)	.37	109	89	14,294.0
1939.....	493	(NA)	46.1	54.0	40.5	(NA)	41.6	83.8	(NA)	(NA)	(NA)	.48	95	59	9,527.3
1929.....	567	(NA)	47.5	67.8	43.5	(NA)	56.3	117.9	(NA)	(NA)	(NA)	.49	98	60	9,659.7
1919.....	1,031	(NA)	(NA)	(NA)	41.1	(NA)	39.9	81.7	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Richmond, VA: ⁹															
1972.....	685	294	50.3	447.3	33.6	66.7	251.7	1,095.5	1,203.6	2,293.5	129.1	.26	117	119	19,028.7
1967.....	595	259	51.4	337.8	34.5	68.6	186.0	777.3	965.0	1,741.1	68.6	.27	120	121	19,323.2
1963.....	577	241	46.0	256.6	31.4	62.4	146.7	558.8	(NA)	(NA)	53.6	.27	107	106	16,958.4
1958.....	571	219	43.0	194.7	29.4	57.8	113.6	454.7	(NA)	(NA)	22.5	.27	100	100	16,025.2
1954.....	535	192	38.4	137.5	29.2	56.1	88.3	346.3	(NA)	(NA)	21.0	.23	85	100	16,098.7

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	Index of employ- ment change (1958= 100)	Employees (1,000)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 manufacturing employees or more)—Continued															
Riverside-San Bernardino-Ontario, CA:															
1972.....	1,311	407	56.3	513.2	41.1	80.4	339.3	996.7	1,124.5	2,125.0	63.1	0.30	193	119	19,028.7
1967.....	1,033	279	46.4	340.7	35.0	69.0	229.9	678.7	696.1	1,392.5	56.6	.24	159	121	19,323.2
1963.....	957	218	37.5	238.7	27.6	54.6	157.2	493.8	(NA)	(NA)	44.1	.22	128	106	16,958.4
1958.....	768	162	29.2	156.7	22.9	45.8	115.8	319.6	(NA)	(NA)	98.1	.18	100	100	16,025.2
Rochester, NY: ⁸															
1972 new definition	1,291	457	142.2	1,625.8	84.4	168.0	810.5	4,390.6	1,781.3	6,165.5	192.1	.75	122	119	19,028.7
1972 old definition	1,172	406	137.9	1,594.8	81.3	161.6	788.4	4,306.4	1,713.0	6,029.4	186.0	.73	118	119	19,028.7
1967.....	1,158	453	145.7	1,197.8	92.2	185.6	643.6	2,914.9	1,440.8	4,380.7	217.3	.75	125	121	19,323.2
1963.....	1,214	427	121.3	837.8	80.7	160.4	471.1	1,761.5	(NA)	(NA)	86.8	.72	104	106	16,958.4
1958.....	1,032	414	116.7	640.4	80.5	154.2	377.9	1,174.6	(NA)	(NA)	59.6	.72	100	100	16,025.2
1954.....	979	330	125.5	566.9	83.2	163.7	338.2	919.8	(NA)	(NA)	58.8	.77	108	100	16,098.7
1947.....	907	(NA)	107.5	319.2	85.7	(NA)	234.9	514.5	(NA)	(NA)	(NA)	.75	92	89	14,294.0
1939.....	775	(NA)	67.0	106.5	50.9	(NA)	70.4	207.7	(NA)	(NA)	(NA)	.70	57	59	9,527.3
1929.....	1,044	(NA)	74.1	119.6	62.2	(NA)	87.8	247.7	(NA)	(NA)	(NA)	.77	63	60	9,659.7
1919.....	1,536	(NA)	(NA)	(NA)	67.6	(NA)	73.3	195.9	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Rockford, IL:															
1972.....	652	250	53.6	519.9	38.5	79.3	331.5	1,087.9	1,191.5	2,255.1	48.3	.28	131	119	19,028.7
1967.....	624	253	57.7	430.0	42.2	87.3	280.6	832.5	921.0	1,733.0	69.7	.30	141	121	19,323.2
1963.....	584	228	43.9	272.9	31.4	66.0	176.7	494.8	(NA)	(NA)	22.2	.26	108	106	16,958.4
1958.....	487	188	40.8	211.5	28.1	55.7	131.7	362.8	(NA)	(NA)	17.1	.26	100	100	16,025.2
1954.....	439	—	39.4	182.0	29.3	61.9	124.1	312.8	(NA)	(NA)	16.3	.24	97	100	16,098.7
1947.....	403	(NA)	36.9	116.2	30.3	(NA)	89.5	197.8	(NA)	(NA)	(NA)	.26	90	89	14,294.0
1939.....	283	(NA)	(NA)	(NA)	18.6	(NA)	22.7	51.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
St. Louis, MO-IL: ⁹															
1972.....	3,215	1,260	256.2	2,608.0	168.8	332.6	1,496.9	5,161.1	6,660.7	11,698.1	232.1	1.35	98	119	19,028.7
1967.....	3,114	1,313	295.5	2,217.3	203.2	404.2	1,323.9	4,158.9	5,762.0	9,904.1	300.8	1.53	113	121	19,323.2
1963.....	3,217	1,283	259.7	1,666.3	179.4	359.7	1,007.3	3,118.7	(NA)	(NA)	170.2	1.53	99	106	16,958.4
1958.....	3,220	1,281	262.5	1,353.0	184.9	357.4	836.0	2,417.0	(NA)	(NA)	153.5	1.64	100	100	16,025.2
1954.....	3,230	1,256	271.4	1,156.9	198.6	387.9	751.4	2,111.9	(NA)	(NA)	134.2	1.68	103	100	16,098.7
1947.....	3,036	(NA)	253.0	684.1	207.9	(NA)	507.9	1,337.3	(NA)	(NA)	(NA)	1.77	96	89	14,294.0
San Diego, CA:															
1972.....	1,399	364	64.9	658.4	42.2	82.6	367.3	1,185.2	909.6	2,102.4	53.4	.34	91	119	19,028.7
1967.....	1,032	254	63.5	521.1	41.1	82.2	293.7	803.8	609.7	1,407.5	47.3	.33	89	121	19,323.2
1963.....	920	191	60.3	453.0	30.2	58.9	186.9	661.4	(NA)	(NA)	13.9	.36	84	106	16,958.4
1958.....	765	159	71.4	447.8	46.5	95.4	248.6	605.5	(NA)	(NA)	26.3	.45	100	100	16,025.2
1954.....	595	114	48.1	225.0	37.3	74.4	157.0	390.2	(NA)	(NA)	8.0	.29	67	100	16,098.7
San Francisco-Oakland, CA:															
1972.....	4,940	1,488	184.8	1,959.7	116.6	221.0	1,077.0	3,807.9	5,146.2	8,954.3	216.5	.97	97	119	19,028.7
1967.....	4,719	1,456	197.8	1,577.9	128.9	250.7	897.0	3,160.3	4,346.3	7,471.8	200.0	1.02	104	121	19,323.2
1963.....	4,922	1,402	196.2	1,356.6	125.9	243.6	766.3	2,567.6	(NA)	(NA)	188.0	1.16	103	106	16,958.4
1958.....	4,520	1,298	190.3	1,080.4	126.2	241.1	640.9	2,049.4	(NA)	(NA)	161.6	1.19	100	100	16,025.2
1954.....	4,043	1,173	184.3	873.4	127.3	247.2	533.9	7,656.4	(NA)	(NA)	114.5	1.10	97	54	16,098.7
1947.....	3,628	(NA)	162.4	522.6	130.1	(NA)	390.2	7,037.5	(NA)	(NA)	(NA)	1.14	85	47	14,294.0
1939.....	3,171	(NA)	(NA)	(NA)	75.3	(NA)	109.3	356.6	(NA)	(NA)	(NA)	1.06	58	61	9,527.3
1929.....	3,923	(NA)	109.1	179.6	89.3	(NA)	131.5	448.1	(NA)	(NA)	(NA)	1.13	63	62	9,659.7
1919.....	3,651	(NA)	(NA)	(NA)	107.1	(NA)	140.6	360.2	(NA)	(NA)	(NA)	(NA)	(NA)	63	9,836.8
San Jose, CA:															
1972.....	1,738	558	134.4	1,594.6	64.8	128.3	581.8	2,873.1	2,318.5	5,084.9	164.7	.71	249	119	19,028.7
1967.....	1,251	431	120.3	1,081.3	58.7	119.9	416.5	907.5	1,802.5	3,654.7	164.2	.62	225	121	19,323.2
1963.....	1,095	344	94.7	739.9	47.3	94.9	286.6	1,210.3	(NA)	(NA)	64.3	.56	176	106	16,958.4
1958.....	798	253	53.9	340.5	36.2	70.7	195.7	631.6	(NA)	(NA)	39.6	.34	100	100	16,025.2
1954.....	567	164	28.4	118.9	21.3	41.4	81.3	263.6	(NA)	(NA)	19.9	.18	53	100	16,098.7
1947.....	(NA)	(NA)	189.9	(NA)	(NA)	(NA)	(NA)	116.8	(NA)	(NA)	(NA)	.13	35	89	14,294.0
1939.....	289	(NA)	(NA)	(NA)	9.3	(NA)	(NA)	29.6	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,527.3
Seattle-Everett, WA:															
1972.....	2,156	608	108.6	1,195.6	66.6	126.4	597.4	2,234.7	2,307.0	4,705.5	82.9	.57	95	119	19,028.7
1967.....	1,945	572	162.2	1,366.7	90.2	177.0	629.3	2,038.5	2,455.6	4,479.9	262.0	.84	141	121	19,323.2
1963.....	2,052	497	121.6	855.2	70.2	133.2	421.5	1,480.8	(NA)	(NA)	52.3	.72	106	106	16,958.4
1958.....	1,935	477	114.9	659.7	79.1	156.7	386.6	1,064.9	(NA)	(NA)	56.8	.72	100	100	16,025.2
1954.....	1,741	444	88.2	395.0	63.0	119.8	251.6	599.8	(NA)	(NA)	55.8	.55	77	100	16,098.7
1947.....	1,418	435	63.6	199.0	52.8	(NA)	154.1	337.3	(NA)	(NA)	(NA)	.45	55	89	14,294.0
1939.....	1,282	(NA)	(NA)	(NA)	29.9	(NA)	(NA)	103.3	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change (1958=100)	United States	
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958=100)	Index of employ- ment change (1958=100)	Employees (1,000)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 manufacturing employees or more)—Continued															
Springfield-Chicopee-Holyoke, MA-CT: ⁹															
1972.....	1,002	392	62.1	526.4	45.0	90.2	341.1	1,157.7	951.2	2,088.2	55.1	0.33	86	119	19,028.7
1967.....	1,003	426	73.3	463.8	54.5	107.9	304.1	947.7	760.7	1,701.0	62.9	.38	102	121	19,323.2
1963.....	979	397	67.4	370.3	49.7	98.9	240.9	690.6	(NA)	(NA)	27.9	.40	94	106	16,958.4
1958.....	987	390	71.8	344.0	53.8	104.1	224.2	597.4	(NA)	(NA)	25.6	.45	100	100	16,025.2
Syracuse, NY:															
1972.....	732	298	60.5	592.5	39.2	78.3	337.5	1,205.3	1,203.3	2,380.3	84.3	.32	87	119	19,028.7
1967.....	755	291	68.2	506.2	44.7	89.8	280.9	941.1	885.6	1,830.6	70.7	.35	98	121	19,323.2
1963.....	773	280	67.1	423.5	41.0	81.6	225.1	779.7	(NA)	(NA)	42.8	.40	97	106	16,958.4
1958.....	775	281	69.5	366.7	43.2	85.0	191.6	679.9	(NA)	(NA)	25.4	.43	100	100	16,025.2
1954.....	766	274	70.3	295.9	48.7	98.1	184.8	553.7	(NA)	(NA)	29.6	.44	101	100	16,098.7
1947.....	(NA)	(NA)	67.6	(NA)	(NA)	(NA)	(NA)	340.1	(NA)	(NA)	(NA)	.47	97	89	14,294.0
1939.....	509	(NA)	(NA)	(NA)	33.0	(NA)	(NA)	105.0	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,527.3
Tampa-St. Petersburg, FL: ⁸															
1972 new definition	1,455	452	59.8	469.3	42.2	84.2	278.0	951.5	1,098.9	2,032.1	78.3	.31	190	119	19,028.7
1972 old definition	1,381	435	57.5	452.2	40.5	80.1	266.2	911.0	1,029.5	1,922.7	73.6	.30	183	119	19,028.7
1967.....	1,137	347	46.7	271.6	33.3	67.4	161.9	559.5	625.2	1,182.9	35.4	.24	148	121	19,323.2
1963.....	1,136	270	36.7	189.1	25.1	51.7	110.0	403.7	(NA)	(NA)	21.8	.22	117	106	16,958.4
1958.....	996	264	32.2	121.9	24.0	47.2	80.3	235.6	(NA)	(NA)	18.1	.20	100	100	16,025.2
Toledo, OH-MI: ⁸															
1972 new definition	1,195	453	91.2	986.9	64.0	128.9	625.6	1,878.9	2,250.3	4,103.2	193.1	.48	129	119	19,028.7
1972 old definition	1,030	385	82.3	914.2	56.8	114.8	573.1	1,730.2	2,039.1	3,745.3	131.7	.44	116	119	19,028.7
1967.....	984	371	77.7	616.4	54.4	110.8	389.6	1,200.8	1,568.4	2,755.0	131.3	.40	110	121	19,323.2
1963.....	1,019	347	70.7	486.0	49.5	101.7	310.3	911.0	(NA)	(NA)	42.7	.42	100	106	16,958.4
1958.....	967	316	70.8	410.0	49.0	95.2	255.4	715.5	(NA)	(NA)	57.5	.44	100	100	16,025.2
1954.....	904	331	78.6	391.6	58.2	115.6	264.1	661.1	(NA)	(NA)	50.9	.48	111	100	16,098.7
1947.....	716	(NA)	76.4	248.7	63.8	(NA)	191.5	438.2	(NA)	(NA)	(NA)	.53	108	89	14,294.0
1939.....	576	(NA)	(NA)	(NA)	37.7	(NA)	52.6	140.0	(NA)	(NA)	(NA)	.39	54	59	9,527.3
Tulsa, OK: ⁸															
1972 new definition	958	301	44.9	401.2	29.5	58.2	220.1	704.3	878.0	1,567.6	56.3	.24	148	119	19,028.7
1972 old definition	885	281	42.9	385.2	28.0	55.0	208.7	664.1	836.7	1,487.8	(D)	.23	142	119	19,028.7
1967.....	724	247	41.9	292.7	28.1	58.1	167.3	514.6	578.1	1,077.1	26.0	.22	138	121	19,323.2
1963.....	710	213	29.9	174.1	20.1	40.6	101.5	292.7	(NA)	(NA)	15.3	.18	99	106	16,958.4
1958.....	626	181	33.2	171.6	21.7	43.2	100.7	252.2	(NA)	(NA)	21.8	.19	100	100	16,025.2
Utica-Rome, NY:															
1972.....	431	165	35.4	308.0	24.5	47.3	180.3	631.0	621.2	1,258.2	29.1	.19	87	119	19,028.7
1967.....	435	181	42.9	282.5	31.3	62.3	122.3	627.9	566.2	1,162.2	33.4	.22	106	121	19,323.2
1963.....	472	169	38.5	218.7	27.2	54.7	133.8	447.2	(NA)	(NA)	15.7	.23	95	106	16,958.4
1958.....	485	171	40.6	194.8	29.2	57.7	124.4	344.8	(NA)	(NA)	17.4	.25	100	100	16,025.2
1954.....	503	184	43.1	169.2	34.0	66.0	122.0	328.2	(NA)	(NA)	10.2	.27	106	100	16,098.7
1947.....	430	(NA)	51.0	140.6	44.2	(NA)	113.9	233.0	(NA)	(NA)	(NA)	.36	126	89	14,294.0
1939.....	383	(NA)	35.9	41.6	32.3	(NA)	33.7	79.9	(NA)	(NA)	(NA)	.38	88	59	9,527.3
1929.....	515	(NA)	43.2	56.8	38.0	(NA)	43.9	106.4	(NA)	(NA)	(NA)	.45	107	60	9,659.7
1919.....	898	(NA)	(NA)	(NA)	44.0	(NA)	45.5	97.6	(NA)	(NA)	(NA)	(NA)	(NA)	61	9,836.8
Washington, DC-MD-VA: ⁹															
1972.....	1,727	480	55.2	584.1	29.2	54.2	257.9	1,055.2	826.1	1,871.4	58.8	.29	159	119	19,028.7
1967.....	1,388	434	55.5	410.1	31.3	61.0	196.0	728.2	606.9	1,332.8	40.9	.29	160	121	19,323.2
1963.....	1,276	376	50.1	324.3	28.0	55.6	154.9	525.3	(NA)	(NA)	30.7	.30	144	106	16,958.4
1958.....	1,058	284	34.7	177.7	20.2	39.8	90.1	312.2	(NA)	(NA)	22.1	.22	100	100	16,025.2
1954.....	859	(NA)	30.7	133.5	18.5	36.0	67.6	223.5	(NA)	(NA)	10.6	.19	88	100	16,098.7
1947.....	(NA)	(NA)	22.5	(NA)	(NA)	(NA)	(NA)	118.8	(NA)	(NA)	(NA)	.16	65	89	14,294.0
Waterbury, CT: ⁹															
1972.....	509	203	36.4	331.4	25.5	51.2	194.5	570.6	616.4	1,186.0	45.4	.19	97	119	19,028.7
1967.....	509	200	42.6	277.4	32.5	62.7	181.1	503.8	560.4	1,055.6	32.7	.22	114	121	19,323.2
1963.....	468	170	37.7	222.8	28.5	57.3	150.6	421.6	(NA)	(NA)	15.5	.22	101	106	16,958.4
1958.....	417	143	37.4	189.8	28.3	55.6	128.1	301.6	(NA)	(NA)	21.6	.23	100	100	16,025.2
Wichita, KS:															
1972.....	563	179	38.5	359.6	27.5	56.7	226.4	776.1	1,083.5	1,810.6	40.8	.20	71	119	19,028.7
1967.....	518	172	57.7	415.4	41.0	85.1	276.4	730.3	863.0	1,599.3	37.6	.30	106	121	19,323.2
1963.....	518	151	43.3	286.6	31.4	64.5	183.0	480.1	(NA)	(NA)	22.8	.26	79	106	16,958.4
1958.....	483	137	54.5	290.7	38.2	76.6	192.9	473.5	(NA)	(NA)	23.7	.34	100	100	16,025.2
1954.....	465	121	54.9	245.6	40.3	84.8	175.4	350.3	(NA)	(NA)	10.7	.34	101	100	16,098.7
1947.....	(NA)	(NA)	18.5	(NA)	(NA)	(NA)	(NA)	106.0	(NA)	(NA)	(NA)	.13	34	89	14,294.0

See footnotes at end of table.

TABLE 7. General and Comparative Statistics by Geographic Area: 1972 and Prior Census Years—Continued

(See appendix, Explanation of Terms)

Geographic area ¹ and year	Establishments ²		All employees ²		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ³	Comparative indexes and U.S. employment			
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					Percent of U.S. employ- ment	Index of employ- ment change	United States	
														Index of employ- ment change	Employees
(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(1958= 100)	(1958= 100)	(1,000)	
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 manufacturing employees or more)--Continued															
Wilmington, DE-NJ-MD:															
1972.....	491	213	64.1	763.6	33.0	64.8	306.0	1,161.3	2,037.4	3,202.5	91.0	0.34	109	119	19,028.7
1967.....	455	229	68.0	605.1	36.0	70.3	233.4	846.0	1,445.2	2,290.6	127.1	.35	116	121	19,323.2
1963.....	480	206	59.4	468.6	30.4	61.1	178.2	702.6	(NA)	(NA)	60.8	.35	101	106	16,958.4
1958.....	448	178	58.7	380.8	29.8	57.4	142.0	470.8	(NA)	(NA)	34.7	.37	100	100	16,025.2
1954.....	408	167	56.1	297.0	31.3	60.9	121.5	402.4	(NA)	(NA)	25.2	.35	96	100	16,098.7
1947.....	335	155	37.8	114.3	30.6	(NA)	82.6	212.7	(NA)	(NA)	(NA)	.26	64	89	14,294.0
Worcester, MA: ^{9 10}															
1972.....	815	318	45.2	393.6	31.8	62.0	232.8	729.6	535.9	1,257.0	39.3	.24	88	119	19,028.7
1967.....	781	324	50.9	340.8	36.2	72.3	212.6	602.9	470.6	1,064.3	37.3	.26	100	121	19,323.2
1963.....	783	302	47.6	266.9	34.2	67.2	166.8	430.2	(NA)	(NA)	17.0	.28	93	106	16,958.4
1958.....	800	317	51.1	242.0	36.8	71.3	152.5	377.7	(NA)	(NA)	22.5	.32	100	100	16,025.2
York, PA:															
1972.....	700	363	56.6	464.2	44.4	89.4	316.8	865.7	846.2	1,732.7	45.1	.30	118	119	19,028.7
1967.....	710	368	57.0	324.4	46.1	93.9	229.7	662.5	651.6	1,303.4	57.7	.29	119	121	19,323.2
1963.....	724	365	48.7	224.1	39.9	80.6	162.7	438.2	(NA)	(NA)	19.7	.29	101	106	16,958.4
1958.....	710	349	48.1	195.0	39.0	78.3	134.2	363.4	(NA)	(NA)	14.3	.30	100	100	16,025.2
1954.....	624	300	50.8	176.4	41.0	83.7	125.3	307.8	(NA)	(NA)	19.6	.32	104	100	16,098.7
1947.....	688	(NA)	47.2	110.2	40.4	(NA)	84.7	207.2	(NA)	(NA)	(NA)	.33	97	89	14,294.0
1939.....	525	(NA)	(NA)	(NA)	31.3	(NA)	32.2	73.4	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3
Youngstown-Warren, OH:															
1972.....	603	255	86.6	952.8	69.2	135.3	707.7	1,749.5	2,635.4	4,351.4	62.8	.46	113	119	19,028.7
1967.....	567	240	82.9	631.7	66.5	134.5	469.8	1,260.5	1,839.8	3,077.8	73.6	.43	109	121	19,323.2
1963.....	571	222	69.4	479.2	55.6	110.5	361.6	901.6	(NA)	(NA)	57.3	.41	91	106	16,958.4
1958.....	563	230	76.4	427.3	60.9	108.4	319.1	729.4	(NA)	(NA)	53.1	.48	100	100	16,025.2
1954.....	578	238	86.8	394.4	73.1	138.5	309.3	686.0	(NA)	(NA)	42.1	.54	114	100	16,098.7
1947.....	(NA)	(NA)	88.0	(NA)	(NA)	(NA)	(NA)	445.9	(NA)	(NA)	(NA)	.62	115	89	14,294.0
1939.....	333	(NA)	(NA)	(NA)	52.2	(NA)	(NA)	167.6	(NA)	(NA)	(NA)	(NA)	(NA)	59	9,527.3

- Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹The 1958 and subsequent years' figures include establishments classified in industry 3273, Ready-Mixed Concrete, and establishments classified in industry 3599, Machinery, Except Electrical, N.E.C., that were engaged exclusively, or almost exclusively, in machine shop repair work. The data for such establishments are excluded from the figures for the period 1939 to 1957, but are included for 1929 and earlier years. The 1954 to 1972 figures include data for establishments engaged in the processing and distribution of fluid milk, industry group 202, Dairy Products. These establishments were not included in the figures for earlier census years. In addition, beginning with 1954, the figures include data for Logging Camps and Logging Contractors, industry 2411, which were not included within the scope of the 1947 census. There were also a number of changes in the definition of manufacturing industries during earlier census years that affect the comparability of the historical series. Among the more important of these were the following: Figures for 1935 and later years exclude data for railroad repair shops and manufactured gas which were included in 1899 to 1933 figures; the minimum size of establishment included for 1947 to 1963 was 1 employee; for 1921 to 1939, manufacturing establishments reporting value of shipments of \$5,000 or more were within scope whereas for 1919 and earlier years, the cutoff was \$500. (These changes in procedure have not appreciably affected the comparability of the historical data except for the figures on number of establishments.)

²Employment and payroll totals for central administrative offices and auxiliaries are included in the statistics shown for the years 1954 to 1972. Prior to 1954, this information was not available. The "number of establishments with 20 employees or more" total for 1958 and all previous years and "total number of establishments" total for 1954 and previous years does not include data for central administrative offices and auxiliaries.

³For the years 1958 to 1972, includes expenditures for plants under construction but not in operation in addition to expenditures at operating manufacturing establishments. Prior to 1958, the data represents expenditures at operating manufacturing establishments only.

⁴Does not include data for Alaska and Hawaii.

⁵Data for 1954 employment and payroll exclude central administrative offices and auxiliary units. This information was not collected for Alaska and Hawaii in 1954.

⁶This SCA changed definition in 1972. Historical data prior to 1972 are based on the old definition. (See appendix F for the old and new definitions.)

⁷This table includes data only for standard metropolitan statistical areas with 40,000 or more manufacturing employees in 1972 or 1967. The definitions of the standard metropolitan statistical areas are shown in appendix F.

⁸This SMSA changed definition in 1972. Historical data prior to 1972 are based on the old definition. Data tabulated under the new 1972 definition differ by more than 5 percent from 1972 data tabulated under the old definition. (See appendix F for the old and new definitions.)

⁹This SMSA changed definition in 1972. Historical data prior to 1972 are based on the old definition. Data tabulated under the new 1972 definition differ by 5 percent or less from 1972 data tabulated under the old definition. (See appendix F for the old and new definitions.)

¹⁰Comparable data for years prior to 1958 are not available due to a revision in the definition of the standard metropolitan statistical area. See the 1958 or 1954 Census of Manufactures, Area Statistics, Volume III, for statistics for the area as defined at that time.

¹¹This SMSA changed definition in 1972. Historical data have been revised accordingly. (See appendix F for the old and new definitions.)

¹²This SMSA was defined after the 1967 census. Historical data are not available.

TABLE 8. General Statistics, by Employment Size of Establishment: 1972

(See appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll	Number	Man-hours	Wages					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
ALL INDUSTRIES, TOTAL											
ESTABLISHMENTS, TOTAL.	312 662	18032.4	160414.4	13 526.5	26 696.7	105494.7	353973.4	407395.4	756466.9	24 073.1	108939.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E8	112 289	196.8	1 464.9	178.9	296.5	991.0	3 752.9	3 701.2	7 502.3	371.4	875.1
5 TO 9 EMPLOYEES E5	46 696	312.0	2 377.0	241.7	459.5	1 581.1	5 248.5	5 136.4	10 377.4	382.8	1 141.0
10 TO 19 EMPLOYEES E2	43 735	605.4	4 803.6	456.6	880.8	3 117.3	10 126.1	10 654.0	20 702.9	657.9	2 074.2
20 TO 49 EMPLOYEES E1	49 892	1 568.5	12119.7	1 193.3	2 268.4	7 839.5	25 625.8	29 924.5	55 210.0	1 837.4	5 864.4
50 TO 99 EMPLOYEES	25 628	1 787.1	13666.9	1 368.3	2 657.7	8 964.2	29 244.4	36 941.6	65 773.3	2 028.1	7 900.6
100 TO 249 EMPLOYEES	20 800	3 232.0	25347.6	2 481.2	4 913.7	16 972.0	56 466.7	71 631.7	127149.0	3 853.4	17122.5
250 TO 499 EMPLOYEES	8 032	2 785.2	22410.2	2 143.5	4 258.6	15 179.5	51 426.0	60 945.3	111401.4	3 449.9	16755.9
500 TO 999 EMPLOYEES	3 481	2 370.0	20937.8	1 785.8	3 588.6	14 052.4	48 496.9	52 910.8	100741.4	3 101.5	16181.7
1,000 TO 2,499 EMPLOYEES	1 527	2 248.6	22426.6	1 629.1	3 267.3	14 698.4	50 488.2	51 765.5	101693.3	3 549.7	15585.5
2,500 EMPLOYEES OR MORE.	582	2 926.8	34860.0	2 048.1	4 105.6	22 099.3	73 097.7	83 784.6	155916.1	4 840.8	25438.4
ESTABS. COVERED BY ADMIN. RECORD E9	122 164	381.6	2 625.6	327.8	577.9	1 794.5	5 957.1	5 402.2	11 359.5	76.1	1 439.4
20-- FOOD AND KINDRED PRODUCTS											
ESTABLISHMENTS, TOTAL.	28 183	1 569.3	12920.2	1 085.3	2 166.8	8 007.0	35 614.8	79 793.0	115 051.5	2 355.0	10 025.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E8	8 491	14.8	111.8	12.2	21.2	67.9	321.8	709.6	1 038.5	39.3	69.8
5 TO 9 EMPLOYEES E5	3 542	23.6	164.8	16.4	33.1	100.1	465.0	984.0	1 448.5	33.4	98.6
10 TO 19 EMPLOYEES E2	3 825	53.5	383.4	36.2	72.2	225.5	1 022.1	2 458.6	3 472.5	69.9	252.9
20 TO 49 EMPLOYEES	5 291	168.2	1 223.7	109.9	215.1	690.6	3 480.9	8 924.1	12 384.1	270.8	912.0
50 TO 99 EMPLOYEES	3 130	218.1	1 678.4	141.6	283.0	950.4	4 561.1	12 386.7	16 856.9	329.3	1 365.4
100 TO 249 EMPLOYEES	2 611	406.4	3 287.8	267.9	542.0	1 905.6	8 880.6	20 688.4	29 465.6	591.0	2 629.0
250 TO 499 EMPLOYEES	893	309.9	2 605.4	220.0	439.5	1 650.9	7 360.8	15 364.1	22 648.8	456.2	2 068.8
500 TO 999 EMPLOYEES	303	317.8	2 877.5	240.4	482.9	2 005.1	8 155.8	15 887.3	23 981.2	452.4	2 347.3
1,000 TO 2,499 EMPLOYEES	80	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE.	17	57.0	587.4	40.7	77.8	410.9	1 366.8	2 390.2	3 755.4	112.8	281.5
ESTABS. COVERED BY ADMIN. RECORDS E9	8 741	24.7	171.6	18.7	34.2	101.4	464.0	939.2	1 403.2	27.7	106.0
21-- TOBACCO PRODUCTS											
ESTABLISHMENTS, TOTAL.	272	66.3	502.1	57.4	106.8	400.9	2 637.2	3 281.1	5 920.2	133.2	2 493.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E9	68	.3	1.7	.3	.5	1.3	4.3	10.2	14.6	.3	2.6
5 TO 9 EMPLOYEES E4	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES E3	20	.3	1.4	.2	.4	.9	3.9	6.0	9.9	.2	2.8
20 TO 49 EMPLOYEES	40	1.2	6.7	1.1	1.9	4.7	12.2	62.9	75.3	.8	27.3
50 TO 99 EMPLOYEES	23	1.6	9.1	1.3	2.5	6.5	23.5	41.7	65.3	.9	14.7
100 TO 249 EMPLOYEES	41	6.7	37.5	5.6	10.5	27.6	107.2	645.5	753.0	7.2	257.6
250 TO 499 EMPLOYEES	24	7.7	45.4	6.2	11.5	31.0	149.9	655.7	804.4	13.0	227.4
500 TO 999 EMPLOYEES	13	7.9	42.7	7.1	13.0	33.7	109.8	284.7	395.3	8.8	248.7
1,000 TO 2,499 EMPLOYEES	7	10.6	79.2	9.3	16.4	65.5	534.1	403.2	937.8	10.7	126.3
2,500 EMPLOYEES OR MORE.	6	30.1	278.4	26.4	50.1	229.8	1 692.4	1 171.2	2 864.5	91.3	1 585.8
ESTABS. COVERED BY ADMIN. RECORDS E9	70	.2	1.1	.2	.4	.9	3.3	5.6	8.9	.1	2.7
22-- TEXTILE MILL PRODUCTS											
ESTABLISHMENTS, TOTAL.	7 201	952.6	6 051.0	836.1	1 725.8	4 806.9	11 715.8	16 499.4	28 063.9	1 127.4	3 940.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E7	1 085	2.1	15.6	2.0	4.1	11.4	33.8	52.6	88.1	5.6	12.4
5 TO 9 EMPLOYEES E5	714	4.9	32.5	4.2	7.9	21.9	75.5	121.2	197.1	8.2	23.4
10 TO 19 EMPLOYEES E2	898	12.4	86.2	10.1	19.6	57.0	200.8	332.8	532.2	17.7	57.6
20 TO 49 EMPLOYEES E1	1 382	44.8	291.8	38.1	74.4	212.1	577.8	706.2	1 271.8	62.9	147.6
50 TO 99 EMPLOYEES	949	67.7	428.8	58.9	115.6	324.9	839.2	971.2	1 802.2	83.2	216.1
100 TO 249 EMPLOYEES	1 082	173.2	1 085.3	151.4	307.6	850.8	2 174.1	3 115.2	5 245.3	255.6	693.0
250 TO 499 EMPLOYEES	649	228.0	1 437.9	200.6	420.2	1 150.8	2 713.9	4 145.3	6 828.8	281.6	958.6
500 TO 999 EMPLOYEES	325	221.4	1 437.7	193.7	407.9	1 154.3	2 753.0	3 887.1	6 631.4	249.8	956.2
1,000 TO 2,499 EMPLOYEES	107	150.9	952.5	133.6	280.5	777.3	1 889.5	2 416.4	4 263.2	130.3	675.9
2,500 EMPLOYEES OR MORE.	10	47.2	282.8	43.7	88.0	246.4	458.1	751.3	1 203.6	32.5	199.7
ESTABS. COVERED BY ADMIN. RECORDS E9	1 402	6.7	37.7	6.1	11.4	27.7	81.7	110.2	191.9	7.0	28.5
23-- APPAREL, OTHER TEXTILE PRODUCTS											
ESTABLISHMENTS, TOTAL. E1	24 438	1 368.3	7 212.0	1 198.3	2 161.1	5 461.1	13 487.5	14 532.0	27 809.2	363.5	3 788.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E6	5 460	10.0	57.1	9.5	15.6	39.8	155.4	258.0	415.1	5.1	51.1
5 TO 9 EMPLOYEES E5	3 039	20.7	124.5	17.9	31.1	81.7	273.4	447.2	717.9	7.3	88.7
10 TO 19 EMPLOYEES E2	3 713	51.6	325.6	42.7	76.2	210.7	698.8	1 089.2	1 782.1	14.8	177.9
20 TO 49 EMPLOYEES E1	5 452	175.6	971.8	152.2	263.6	699.4	1 806.0	2 247.8	4 024.4	46.1	436.4
50 TO 99 EMPLOYEES E1	3 279	227.4	1 165.2	201.1	353.4	888.1	2 075.9	2 092.4	4 149.4	57.1	466.5
100 TO 249 EMPLOYEES	2 347	365.7	1 776.4	324.3	587.8	1 393.5	3 201.1	2 938.6	6 084.7	87.2	823.3
250 TO 499 EMPLOYEES	881	300.5	1 514.7	264.1	483.3	1 166.3	2 868.3	2 739.7	5 533.9	72.4	893.9
500 TO 999 EMPLOYEES	220	140.9	730.7	122.5	227.4	569.5	1 418.9	1 631.0	3 026.1	52.2	513.7
1,000 TO 2,499 EMPLOYEES	42	57.9	375.9	49.5	93.6	287.2	659.5	635.0	1 287.1	14.7	249.4
2,500 EMPLOYEES OR MORE.	5	18.0	170.0	14.6	29.3	124.9	330.3	453.1	788.5	6.5	87.9
ESTABS. COVERED BY ADMIN. RECORDS E9	7 501	36.7	175.1	34.2	58.2	133.9	354.8	408.6	763.3	8.9	95.0

See footnotes at end of table.

TABLE 8. General Statistics, by Employment Size of Establishment: 1972—Continued

(See appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
24-- LUMBER AND WOOD PRODUCTS											
ESTABLISHMENTS, TOTAL.	33 949	691.0	4 965.6	601.1	1 167.6	934.9	10 310.2	1 605.7	23 629.7	931.2	2 601.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E9	17 917	64.6	373.4	62.0	106.6	306.0	839.0	1 011.5	1 850.0	90.0	231.1
5 TO 9 EMPLOYEES E7	5 366	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES E3	3 798	51.7	328.3	45.0	83.1	257.7	665.1	769.2	1 431.2	63.5	145.5
20 TO 49 EMPLOYEES	3 461	107.9	709.5	92.7	171.4	546.6	1 381.8	1 728.5	3 109.0	128.1	322.2
50 TO 99 EMPLOYEES	1 778	124.7	863.2	107.0	210.0	672.9	1 762.2	2 432.0	4 174.2	155.0	486.0
100 TO 249 EMPLOYEES	1 295	195.8	1 475.3	168.4	338.8	1 158.0	3 057.0	4 632.2	7 658.1	235.7	780.1
250 TO 499 EMPLOYEES	260	85.7	695.3	74.5	152.9	563.7	1 487.7	1 767.8	3 249.2	130.4	342.5
500 TO 999 EMPLOYEES	56	36.9	316.6	31.6	64.4	255.6	646.5	826.1	1 458.7	61.4	183.1
1,000 TO 2,499 EMPLOYEES	18	23.6	224.0	20.0	40.6	174.4	471.0	438.3	899.2	67.1	110.7
ESTABS. COVERED BY ADMIN. RECORDS ¹ E9	21 170	64.3	347.3	62.1	106.5	288.0	735.9	863.7	1 599.8	72.3	207.5
25-- FURNITURE AND FIXTURES											
ESTABLISHMENTS, TOTAL.	9 232	462.0	3 205.4	384.1	756.1	2 323.6	6 097.1	5 335.1	11 320.3	306.2	1 754.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E8	2 783	5.1	33.4	5.0	8.3	23.8	78.0	65.7	145.1	4.3	24.2
5 TO 9 EMPLOYEES E7	1 442	9.8	66.1	8.2	15.4	47.2	140.4	119.2	259.4	6.7	35.8
10 TO 19 EMPLOYEES E3	1 361	18.9	135.6	15.3	29.6	95.9	249.2	216.0	465.6	9.4	55.7
20 TO 49 EMPLOYEES E1	1 675	53.3	372.1	44.0	82.6	263.7	669.2	604.8	1 269.3	33.7	156.8
50 TO 99 EMPLOYEES	886	61.8	425.6	50.9	98.9	301.9	781.8	710.7	1 481.7	36.7	203.5
100 TO 249 EMPLOYEES	708	195.6	1 322.3	163.4	323.8	974.1	2 560.2	2 345.0	4 835.4	128.7	780.1
250 TO 499 EMPLOYEES	245	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	102	67.3	471.8	56.1	114.6	348.6	923.3	777.0	1 685.1	53.2	294.7
1,000 TO 2,499 EMPLOYEES	27	37.5	276.7	30.2	61.1	192.1	521.9	398.2	908.5	24.7	156.7
2,500 EMPLOYEES OR MORE	4	12.7	101.1	10.5	21.9	76.3	173.2	98.4	270.0	8.7	46.9
ESTABS. COVERED BY ADMIN. RECORDS ¹ E0	3 254	12.0	75.2	10.6	19.3	53.0	161.6	139.8	301.4	6.6	48.8
26-- PAPER AND ALLIED PRODUCTS											
ESTABLISHMENTS, TOTAL.	6 038	633.4	5 992.1	498.8	1 040.5	4 320.2	13 064.1	15 240.5	28 261.9	1 335.3	2 911.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E8	833	1.6	12.8	1.5	2.6	8.9	33.1	38.3	71.8	3.1	8.7
5 TO 9 EMPLOYEES E6	548	3.7	28.0	2.9	5.8	18.5	63.6	74.2	137.5	6.4	14.5
10 TO 19 EMPLOYEES E2	701	10.1	75.3	7.8	15.3	48.2	157.2	173.9	330.5	14.3	29.9
20 TO 49 EMPLOYEES	1 284	41.7	319.3	33.3	65.9	215.6	679.5	787.4	1 461.4	51.7	128.1
50 TO 99 EMPLOYEES	918	65.4	536.1	52.2	106.4	375.0	1 101.2	1 350.4	2 444.3	131.6	257.7
100 TO 249 EMPLOYEES	1 194	187.1	1 676.8	146.3	306.1	1 183.8	3 303.6	4 267.8	7 557.0	243.9	810.2
250 TO 499 EMPLOYEES	335	113.5	1 113.2	89.8	187.9	519.7	2 544.5	2 922.4	5 467.9	210.1	571.2
500 TO 999 EMPLOYEES	158	109.2	1 151.2	87.0	186.6	865.1	2 662.6	3 262.5	5 921.2	152.4	598.4
1,000 TO 2,499 EMPLOYEES	65	101.2	1 079.4	78.0	163.9	785.3	2 518.8	2 363.6	4 870.3	321.7	492.7
2,500 EMPLOYEES OR MORE	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS ¹ E0	959	3.6	25.8	3.0	5.7	17.5	55.9	63.2	119.1	4.0	15.7
27-- PRINTING AND PUBLISHING											
ESTABLISHMENTS, TOTAL.	42 103	1 056.5	9 831.2	637.6	1 181.1	5 462.6	20 209.5	10 044.3	30 146.4	1 047.7	2 340.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E9	21 186	36.1	282.2	30.9	47.5	177.4	745.5	387.6	1 132.8	43.3	82.4
5 TO 9 EMPLOYEES E6	6 890	45.4	366.3	32.1	59.2	232.8	769.3	381.8	1 150.2	45.0	72.2
10 TO 19 EMPLOYEES E2	5 408	74.0	615.4	51.2	94.9	384.5	1 159.7	570.1	1 729.3	59.8	97.8
20 TO 49 EMPLOYEES E1	4 887	150.0	1 263.4	100.0	183.0	762.0	2 329.1	1 130.5	3 449.6	133.5	212.3
50 TO 99 EMPLOYEES	1 908	131.0	1 146.7	83.9	156.4	681.2	2 186.7	1 129.0	3 302.4	132.3	242.2
100 TO 249 EMPLOYEES	1 158	175.2	1 582.1	109.4	208.6	922.2	3 198.3	1 626.0	4 795.2	162.5	419.2
250 TO 499 EMPLOYEES	390	132.6	1 237.8	73.8	140.1	667.2	2 705.7	1 369.6	4 054.3	133.6	367.4
500 TO 999 EMPLOYEES	174	119.6	1 180.6	62.9	121.7	598.8	2 635.1	1 320.7	3 944.0	115.2	364.4
1,000 TO 2,499 EMPLOYEES	83	192.6	2 154.7	93.4	169.7	1 036.5	4 480.1	2 129.0	6 588.6	222.4	482.5
2,500 EMPLOYEES OR MORE	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS ¹ E9	21 736	55.7	425.1	44.2	73.3	267.7	1 018.8	520.6	1 539.4	57.3	111.6
28-- CHEMICALS AND ALLIED PRODUCTS											
ESTABLISHMENTS, TOTAL.	11 425	836.5	8 730.5	525.0	1 053.7	4 753.9	32 413.9	25 085.5	57 349.6	2 728.4	7 107.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E6	3 748	6.7	58.8	4.9	8.2	29.6	218.9	188.8	407.3	61.0	50.3
5 TO 9 EMPLOYEES E3	1 613	10.8	95.3	6.5	13.0	47.2	353.7	365.9	720.4	42.4	83.3
10 TO 19 EMPLOYEES E1	1 633	22.7	204.7	13.8	27.3	99.4	709.5	771.8	1 475.2	62.5	161.5
20 TO 49 EMPLOYEES	2 002	132.7	1 231.8	80.4	161.2	608.7	4 315.9	4 825.5	9 077.1	334.2	1 140.2
50 TO 99 EMPLOYEES	1 001	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	758	237.5	2 374.1	151.1	309.3	1 341.7	9 889.2	8 752.1	8 580.2	875.0	2 390.0
250 TO 499 EMPLOYEES	345	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	184	127.6	1 411.3	81.2	161.9	792.4	5 805.4	4 058.5	9 826.6	374.4	1 179.8
1,000 TO 2,499 EMPLOYEES	107	165.7	1 808.0	106.8	213.8	1 045.8	6 563.0	3 935.6	10 522.5	617.3	1 257.8
2,500 EMPLOYEES OR MORE	34	132.8	1 546.6	80.4	159.1	789.1	4 558.2	2 187.4	6 740.4	361.6	844.3
ESTABS. COVERED BY ADMIN. RECORDS ¹ E9	3 302	8.8	75.9	5.9	10.9	37.4	243.4	218.0	461.4	16.3	62.6

See footnotes at end of table.

TABLE 8. General Statistics, by Employment Size of Establishment: 1972—Continued

(See appendix, Explanation of Terms)

(see appendix, Explanation of Terms)											
Item	Establishments	All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories
		Number	Payroll	Number	Man-hours	Wages					
	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
29-- PETROLEUM AND COAL PRODUCTS											
ESTABLISHMENTS, TOTAL.	2 016	139.5	1 637.5	97.9	200.5	1 064.0	5 793.1	22 762.5	28 694.7	1 154.2	2 223.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E2	573	1.3	13.0	1.0	2.0	8.9	59.2	132.2	191.3	7.5	7.9
5 TO 9 EMPLOYEES E2	417	2.8	27.9	1.9	4.0	17.6	97.2	175.9	273.1	12.6	12.8
10 TO 19 EMPLOYEES E1	306	4.2	43.2	2.8	5.8	24.9	133.2	250.5	383.9	17.1	26.2
20 TO 49 EMPLOYEES	310	9.8	96.4	6.4	13.3	55.6	314.8	602.1	915.7	26.1	62.2
50 TO 99 EMPLOYEES	146	10.1	102.3	6.7	13.9	63.0	333.3	858.4	1 191.6	36.0	111.4
100 TO 249 EMPLOYEES	149	24.2	259.3	18.0	38.8	183.3	1 009.9	3 488.1	4 511.1	231.4	354.5
250 TO 499 EMPLOYEES	57	19.8	243.0	13.4	28.2	155.8	947.6	4 227.0	5 176.4	297.3	454.9
500 TO 999 EMPLOYEES	36	24.6	307.8	17.6	36.7	205.3	1 339.1	4 968.7	6 371.6	209.4	450.5
1,000 TO 2,499 EMPLOYEES	17	25.5	326.8	18.2	35.1	215.6	1 130.1	5 479.1	6 657.6	213.3	489.4
2,500 EMPLOYEES OR MORE.	5	17.2	217.9	11.8	22.8	134.0	428.9	2 580.5	3 022.4	103.4	253.1
ESTABS. COVERED BY ADMIN. RECORDS ¹ E0	351	1.2	10.3	.8	1.6	5.6	30.7	43.5	74.2	2.4	5.1
30-- RUBBER, MISC. PLASTICS PRODUCTS											
ESTABLISHMENTS, TOTAL.	9 237	617.7	5 165.2	486.8	968.3	3 605.0	11 653.3	9 466.1	20 923.7	1 059.6	2 588.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E8	2 522	4.8	34.0	4.5	7.4	22.6	88.0	73.1	163.2	11.5	18.7
5 TO 9 EMPLOYEES E7	1 265	8.4	60.0	6.5	12.9	39.2	134.4	108.5	242.3	14.1	27.6
10 TO 19 EMPLOYEES E2	1 262	17.6	132.5	13.6	26.5	84.4	281.2	253.1	533.6	38.0	51.6
20 TO 49 EMPLOYEES E1	1 795	57.8	408.7	46.6	89.1	270.5	889.6	798.6	1 674.3	127.2	157.7
50 TO 99 EMPLOYEES	1 076	75.5	539.0	61.1	119.3	365.4	1 208.3	1 062.8	2 245.0	151.3	237.3
100 TO 249 EMPLOYEES	871	135.6	1 013.9	109.3	218.0	702.2	2 192.8	1 842.2	3 994.6	221.9	476.6
250 TO 499 EMPLOYEES	260	89.5	688.0	70.8	143.3	481.4	1 498.0	1 131.7	2 610.8	121.9	332.0
500 TO 999 EMPLOYEES	102	70.5	595.1	55.8	113.0	426.3	1 374.3	982.2	2 350.9	95.2	301.1
1,000 TO 2,499 EMPLOYEES	71	105.0	1 059.7	80.6	161.3	772.5	2 686.2	2 238.2	4 857.5	188.0	699.5
2,500 EMPLOYEES OR MORE.	13	53.1	634.6	37.9	77.6	440.5	1 300.6	975.7	2 251.5	90.6	286.8
ESTABS. COVERED BY ADMIN. RECORDS ¹ E0	2 850	10.7	73.6	9.1	16.8	49.4	168.8	137.6	306.4	17.0	36.6
31-- LEATHER AND LEATHER PRODUCTS											
ESTABLISHMENTS, TOTAL.	3 201	273.4	1 589.3	240.4	449.1	1 230.8	2 917.2	2 895.4	5 769.5	74.5	796.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E6	792	1.4	8.5	1.3	2.2	5.8	18.7	43.9	66.9	1.0	8.1
5 TO 9 EMPLOYEES E6	399	2.7	15.8	2.5	4.3	11.1	32.5	43.0	75.2	1.0	9.1
10 TO 19 EMPLOYEES E2	353	5.0	30.7	4.1	7.6	20.9	60.9	108.6	167.5	2.3	20.6
20 TO 49 EMPLOYEES E1	536	17.2	100.8	14.9	27.2	73.8	178.5	188.7	363.3	5.3	41.7
50 TO 99 EMPLOYEES	349	25.2	146.1	22.0	40.6	108.9	254.6	277.6	528.1	6.6	70.9
100 TO 249 EMPLOYEES	400	63.9	358.5	56.3	103.6	277.4	633.0	647.3	1 269.7	16.6	181.4
250 TO 499 EMPLOYEES	301	107.1	594.8	96.8	179.0	492.0	1 148.0	1 054.1	2 187.0	26.6	274.9
500 TO 999 EMPLOYEES	65	41.6	250.5	34.9	69.9	187.0	464.6	427.3	880.7	12.0	142.5
1,000 TO 2,499 EMPLOYEES	6	9.4	83.5	7.6	14.6	53.9	126.4	105.0	231.2	3.2	46.8
ESTABS. COVERED BY ADMIN. RECORDS ¹ E0	976	3.7	20.5	3.5	6.0	15.1	44.4	49.1	93.5	1.2	11.9
32-- STONE, CLAY, GLASS PRODUCTS											
ESTABLISHMENTS, TOTAL.	16 015	623.2	5 546.9	492.6	998.1	4 037.3	12 586.5	9 062.6	21 537.5	1 195.5	2 490.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E6	5 132	9.6	72.1	8.8	14.9	50.3	215.5	214.8	433.5	31.6	35.4
5 TO 9 EMPLOYEES E5	2 750	18.4	146.7	13.7	27.5	98.2	351.1	358.0	708.3	34.7	52.9
10 TO 19 EMPLOYEES E1	2 832	39.1	329.4	28.1	55.9	209.8	738.8	741.2	1 475.1	79.8	99.8
20 TO 49 EMPLOYEES E1	2 950	90.2	773.4	65.3	132.2	493.5	1 639.1	1 625.9	3 252.2	185.6	248.3
50 TO 99 EMPLOYEES	1 085	75.1	636.4	58.1	119.9	441.7	1 373.0	1 138.7	2 510.2	132.8	264.1
100 TO 249 EMPLOYEES	822	124.7	1 111.3	99.5	205.5	819.2	2 642.6	1 893.0	4 505.4	265.6	578.1
250 TO 499 EMPLOYEES	258	89.7	808.2	73.1	147.8	620.5	1 914.5	1 173.5	3 061.0	185.8	433.3
500 TO 999 EMPLOYEES	132	91.7	842.0	77.0	156.7	666.1	2 005.3	1 017.8	3 004.1	171.9	397.4
1,000 TO 2,499 EMPLOYEES	46	61.8	589.0	51.0	101.1	463.0	1 166.8	622.9	1 800.3	64.8	270.8
2,500 EMPLOYEES OR MORE.	8	23.0	238.4	17.9	36.6	175.1	519.8	276.8	787.4	43.0	110.8
ESTABS. COVERED BY ADMIN. RECORDS ¹ E9	5 415	17.4	127.6	14.6	26.8	87.2	321.6	286.2	607.8	27.2	60.8
33-- PRIMARY METAL INDUSTRIES											
ESTABLISHMENTS, TOTAL.	6 792	1 142.8	12 166.5	922.7	1 849.9	9 202.4	23 258.1	35 708.9	58 429.7	2 160.6	9 699.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES E8	1 258	2.4	20.3	2.3	4.0	14.5	47.6	57.9	106.8	7.2	12.3
5 TO 9 EMPLOYEES E5	735	4.9	40.6	4.0	7.7	28.4	83.8	99.3	183.2	16.7	18.3
10 TO 19 EMPLOYEES E1	898	12.7	105.8	10.2	20.0	73.6	222.6	236.0	456.2	16.7	46.6
20 TO 49 EMPLOYEES	1 346	43.3	360.3	35.5	70.0	255.3	744.2	1 078.8	1 813.0	131.4	185.6
50 TO 99 EMPLOYEES	661	60.6	516.3	49.6	100.0	376.4	1 106.7	1 779.8	2 863.6	86.5	367.3
100 TO 249 EMPLOYEES	863	137.9	1 253.1	111.6	227.9	919.4	2 449.6	4 490.0	6 889.7	174.8	1 013.9
250 TO 499 EMPLOYEES	428	149.9	1 441.5	120.5	245.9	1 074.6	2 930.2	4 661.2	7 525.3	220.1	1 225.9
500 TO 999 EMPLOYEES	212	147.0	1 509.7	117.2	235.7	1 138.7	2 947.8	5 576.5	8 481.5	230.4	1 394.9
1,000 TO 2,499 EMPLOYEES	119	179.6	2 038.6	143.8	289.9	1 552.9	3 692.0	5 869.0	9 542.7	463.1	1 681.8
2,500 EMPLOYEES OR MORE.	72	404.4	4 880.3	328.1	648.7	3 768.6	9 033.4	11 860.3	20 567.6	813.7	3 752.7
ESTABS. COVERED BY ADMIN. RECORDS ¹ E0	1 401	4.7	38.0	4.2	7.8	27.5	75.3	85.6	160.9	6.3	19.6

See footnotes at end of table.

TABLE 8. General Statistics, by Employment Size of Establishment: 1972—Continued

(See appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number	Payroll (million dollars)	Number	Man-hours (millions)	Wages (million dollars)					
		(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					
34-- FABRICATED METAL PRODUCTS											
ESTABLISHMENTS, TOTAL	29 525	1 493.3	13 820.6	1 148.0	2 302.7	9 544.4	26 945.8	25 197.5	51 739.3	1 323.2	8 344.7
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES E8	8 447	15.7	122.9	14.8	24.5	84.7	265.9	259.7	530.6	21.7	77.0
5 TO 9 EMPLOYEES E6	4 579	30.9	252.0	23.9	47.1	169.9	499.3	380.7	881.8	27.3	111.5
10 TO 19 EMPLOYEES E1	4 823	67.7	578.6	52.2	102.2	384.9	1 126.4	916.6	2 034.1	57.5	233.1
20 TO 49 EMPLOYEES E1	5 854	183.3	1 561.2	143.9	280.6	1 053.9	3 077.9	2 875.5	5 913.0	174.2	741.1
50 TO 99 EMPLOYEES E1	2 722	188.4	1 611.9	147.0	293.4	1 090.7	3 216.4	3 148.5	6 325.9	182.8	921.6
100 TO 249 EMPLOYEES	2 009	311.0	2 724.3	238.3	482.7	1 854.5	5 558.1	5 833.1	11 266.4	294.2	1 944.6
250 TO 499 EMPLOYEES	888	237.1	2 135.1	180.9	367.6	1 483.6	4 156.9	4 135.6	8 199.7	184.1	1 576.7
500 TO 999 EMPLOYEES	273	183.1	1 756.5	140.1	280.3	1 228.3	3 459.5	3 166.7	6 574.9	148.2	1 344.1
1,000 TO 2,499 EMPLOYEES	92	134.7	1 361.9	98.0	201.0	930.9	2 574.2	1 910.3	4 426.7	131.9	883.8
2,500 EMPLOYEES OR MORE	38	141.5	1 716.1	108.9	223.3	1 263.1	3 011.3	2 570.8	5 586.2	101.5	511.2
ESTABS. COVERED BY ADMIN. RECORDS ¹ E9	9 595	31.8	241.4	27.2	49.6	165.0	506.6	401.6	908.3	27.1	133.0
35-- MACHINERY, EXCEPT ELECTRICAL											
ESTABLISHMENTS, TOTAL	40 792	1 827.7	18 523.3	1 266.9	2 538.3	11 358.6	37 562.9	29 204.1	65 820.7	1 906.3	15 036.8
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES E8	16 743	29.7	265.5	27.6	47.5	187.7	602.6	320.4	926.0	43.8	140.4
5 TO 9 EMPLOYEES E5	6 976	46.4	425.9	35.6	71.7	299.0	798.1	416.1	1 210.3	44.5	169.2
10 TO 19 EMPLOYEES E1	6 474	89.3	844.0	68.1	138.6	584.2	1 542.0	806.4	2 327.1	78.1	286.4
20 TO 49 EMPLOYEES E1	5 488	167.2	1 592.7	125.7	251.5	1 053.5	2 863.1	1 757.0	4 563.2	139.8	683.4
50 TO 99 EMPLOYEES	2 185	151.2	1 432.0	107.8	219.6	889.4	2 672.7	2 027.7	4 647.6	136.0	915.2
100 TO 249 EMPLOYEES	1 597	245.4	2 319.3	169.1	343.7	1 392.5	4 584.9	3 523.4	7 989.3	209.0	1 921.3
250 TO 499 EMPLOYEES	673	238.5	2 258.5	160.1	322.3	1 323.5	4 669.8	3 769.1	8 256.8	206.8	2 311.4
500 TO 999 EMPLOYEES	388	268.6	2 674.4	178.1	355.1	1 571.8	5 681.7	4 787.3	10 232.5	300.9	2 868.4
1,000 TO 2,499 EMPLOYEES	203	298.8	3 161.7	200.5	400.6	1 928.0	6 663.2	5 520.2	11 988.4	276.5	3 042.9
2,500 EMPLOYEES OR MORE	65	292.7	3 549.3	194.3	387.5	2 129.1	7 485.0	6 276.3	13 679.7	470.9	2 698.2
ESTABS. COVERED BY ADMIN. RECORDS ¹ E9	17 588	48.7	424.9	41.7	76.8	295.6	884.0	480.3	1 364.3	55.0	218.5
36-- ELECTRIC, ELECTRONIC EQUIPMENT											
ESTABLISHMENTS, TOTAL	12 270	1 661.3	15 189.0	1 160.0	2 273.3	8 816.4	30 558.2	23 301.3	53 394.0	1 417.5	9 725.5
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES E8	3 536	6.3	48.9	5.4	8.7	28.2	121.9	96.7	222.8	11.6	39.7
5 TO 9 EMPLOYEES E6	1 544	10.3	80.7	7.2	13.8	45.1	165.5	123.4	288.9	10.0	50.8
10 TO 19 EMPLOYEES E3	1 458	20.3	164.4	14.3	27.3	91.0	320.5	247.9	566.8	18.4	101.6
20 TO 49 EMPLOYEES E1	1 966	63.2	487.5	45.8	85.8	277.8	980.3	757.9	1 716.2	54.9	291.0
50 TO 99 EMPLOYEES	1 232	87.2	670.3	63.7	123.7	389.5	1 349.9	1 099.3	2 417.8	75.8	454.4
100 TO 249 EMPLOYEES	1 212	190.8	1 472.0	141.5	276.3	905.1	3 145.4	2 457.7	5 519.7	159.7	1 084.6
250 TO 499 EMPLOYEES	626	220.0	1 743.1	160.9	316.1	1 062.2	3 676.0	2 869.1	6 414.4	181.5	1 410.1
500 TO 999 EMPLOYEES	374	259.4	2 193.1	188.3	372.2	1 342.5	4 688.7	3 280.9	7 858.7	176.2	1 660.0
1,000 TO 2,499 EMPLOYEES	218	323.2	3 133.9	223.4	443.7	1 849.9	6 177.5	4 654.8	10 739.6	293.3	1 877.4
2,500 EMPLOYEES OR MORE	104	480.4	5 195.1	309.5	605.7	2 825.1	9 932.5	7 713.6	17 648.2	436.3	2 755.9
ESTABS. COVERED BY ADMIN. RECORDS ¹ E9	3 604	12.5	94.0	9.6	17.1	53.9	205.9	158.0	363.8	12.0	69.1
37-- TRANSPORTATION EQUIPMENT											
ESTABLISHMENTS, TOTAL	8 802	1 719.0	19 880.0	1 246.2	2 527.4	12 848.6	39 799.4	55 767.8	94 704.9	2 660.2	15 705.4
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES E8	2 989	5.3	41.1	5.1	8.2	29.3	88.6	102.8	195.1	16.1	34.9
5 TO 9 EMPLOYEES E7	1 119	7.5	56.0	5.9	11.3	40.0	108.7	119.4	227.3	9.2	38.7
10 TO 19 EMPLOYEES E3	1 076	15.0	115.3	11.9	23.7	80.4	219.8	222.5	440.7	14.9	63.3
20 TO 49 EMPLOYEES E1	1 345	42.1	332.3	33.5	62.5	230.0	627.2	696.5	1 307.9	45.4	201.8
50 TO 99 EMPLOYEES E1	795	56.2	448.0	44.4	87.1	309.5	823.0	928.3	1 722.7	59.5	280.0
100 TO 249 EMPLOYEES	664	103.1	850.7	81.4	160.6	590.0	1 695.2	1 901.5	3 544.7	104.2	628.4
250 TO 499 EMPLOYEES	330	116.4	1 028.1	90.3	178.9	692.7	2 092.6	2 038.8	4 004.9	87.5	868.8
500 TO 999 EMPLOYEES	188	130.9	1 309.6	96.5	194.0	862.8	2 439.2	2 165.0	4 536.3	99.9	1 015.8
1,000 TO 2,499 EMPLOYEES	132	199.0	2 291.3	145.9	295.2	1 519.1	4 427.6	5 147.1	9 539.8	318.0	1 470.9
2,500 EMPLOYEES OR MORE	164	1 043.5	13 407.4	731.3	1 505.9	8 494.9	27 277.4	42 445.9	69 185.6	1 905.6	11 102.7
ESTABS. COVERED BY ADMIN. RECORDS ¹ E9	2 910	8.7	64.8	7.7	13.4	46.7	131.3	156.0	287.3	8.2	53.7
38-- INSTRUMENTS, RELATED PRODUCTS											
ESTABLISHMENTS, TOTAL	5 983	453.2	4 286.2	291.4	568.5	2 231.8	10 580.1	5 058.5	15 526.7	480.0	3 106.8
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES E8	2 179	3.9	31.3	3.0	4.9	16.7	76.3	39.8	120.8	4.7	25.1
5 TO 9 EMPLOYEES E6	934	6.2	52.9	4.2	8.0	28.7	110.7	61.1	175.3	5.6	35.5
10 TO 19 EMPLOYEES E2	804	11.0	95.4	7.2	13.7	50.3	193.9	113.1	304.0	7.8	54.4
20 TO 49 EMPLOYEES E1	877	27.9	236.1	18.7	35.1	124.8	499.7	292.2	776.1	24.1	151.6
50 TO 99 EMPLOYEES	429	30.2	253.2	20.2	39.5	132.8	501.9	318.5	823.7	27.2	175.1
100 TO 249 EMPLOYEES	413	64.3	543.1	41.9	82.7	278.8	1 189.3	736.3	1 868.1	54.7	440.1
250 TO 499 EMPLOYEES	169	58.4	499.0	39.8	78.4	272.2	1 088.7	629.1	1 704.8	61.8	393.5
500 TO 999 EMPLOYEES	105	70.6	634.3	47.3	92.9	345.6	1 444.3	802.4	2 240.1	71.7	528.1
1,000 TO 2,499 EMPLOYEES	59	91.1	912.0	59.0	115.4	496.0	2 199.2	1 172.4	3 316.6	106.1	683.5
2,500 EMPLOYEES OR MORE	14	89.6	1 028.7	50.2	98.0	485.9	3 276.2	893.8	4 197.3	116.3	619.6
ESTABS. COVERED BY ADMIN. RECORDS ¹ E9	2 169	6.4	51.6	4.7	8.3	27.5	125.2	63.7	188.9	6.0	42.7

See footnotes at end of table.

TABLE 8. General Statistics, by Employment Size of Establishment: 1972—Continued

(See appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
39-- MISC. MANUFACTURING INDUSTRIES											
ESTABLISHMENTS, TOTAL.	15 187	445.6	3 179.8	349.9	660.9	2 084.4	6 768.7	5 554.3	12 173.2	313.6	2 259.6
ESTABLISHMENTS WITH AN AVERAGE OF—											
1 TO 4 EMPLOYEES E8	6 547	11.0	72.1	10.4	16.2	47.0	181.3	161.0	346.2	9.2	58.4
5 TO 9 EMPLOYEES E6	2 794	18.7	129.2	14.5	27.1	83.7	283.9	233.7	516.2	11.3	82.5
10 TO 19 EMPLOYEES E2	2 092	28.5	208.4	21.8	40.9	133.3	420.5	370.4	785.2	15.2	108.9
20 TO 49 EMPLOYEES E1	1 951	121.0	836.8	96.1	176.6	543.5	1 631.9	1 421.6	3 013.9	69.2	468.3
50 TO 99 EMPLOYEES	876	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	606	93.5	621.9	75.1	141.1	421.8	1 338.6	1 102.5	2 397.7	62.5	476.7
250 TO 499 EMPLOYEES	220	75.6	523.1	58.7	114.0	342.2	1 129.3	997.4	2 089.7	52.0	484.7
500 TO 999 EMPLOYEES	71	97.3	788.4	73.1	144.9	512.6	1 783.2	1 267.6	3 024.2	94.3	580.3
1,000 TO 2,499 EMPLOYEES	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS ¹ E0	7 170	23.0	143.9	19.7	34.2	93.6	344.1	271.4	615.4	13.3	110.0

Note: The payroll and sales data for small establishments (generally single-unit companies with less than 10 employees) were obtained from administrative records of other government agencies instead of from a Census report form. These data were then used in conjunction with industry averages to estimate the balance of the items shown in the table for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time the data were tabulated. The following symbols are shown for those size classes where administrative records data were used and account for 10 percent or more of the figures shown:

E1--10 to 19 percent E3--30 to 39 percent E5--50 to 59 percent E7--70 to 79 percent E9--90 to 99 percent
E2--20 to 29 percent E4--40 to 49 percent E6--60 to 69 percent E8--80 to 89 percent E0--100 percent

(D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. (Z) Less than half of the unit of measurement shown (under 50 thousand dollars or man-hours; under 50 employees).

¹Report forms were not mailed to companies that operated only one establishment—generally single-unit companies with less than 10 employees. Payroll and sales for 1972 were obtained from administrative records supplied to other agencies of the Federal Government. These payroll and sales data were then used in conjunction with industry averages to estimate the balances of the items shown in the table. Data are also included in the respective size classes shown for this industry.

Subject Statistics

Manufacturers' Inventories

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EXPLANATORY TEXT

The value of beginning-of-year and end-of-year inventories, respectively, held by each manufacturing establishment was obtained in the 1972 census. Separate inventory figures were requested for (1) finished products, (2) work in process, and (3) materials, supplies, fuel and other inventories.

Respondents were asked to report their inventories at approximate current costs if feasible; otherwise, at book values. Since different methods of inventory valuation are used (LIFO, FIFO, etc.), the definition of the value of inventories aggregate for all establishments in an industry is not precise. The figures on change in inventory between the beginning and the end of the year are of considerably greater significance.

In using inventory data by stage of fabrication for all industries and at the 2-digit industry level, the following should be noted: An item treated as a finished product by an establishment in one industry may be reported as a raw material by another establishment in a different industry; for example, the finished product inventories of a steel mill would be reported as raw materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication shown for individual industries, industry groups, and all manufacturing which are merely aggregates of figures reported by establishments in specified industries. Further, the total finished-goods

inventory for "all manufacturing" includes items that are not finished manufactured products.

For a few industries in the food group, there are special problems in the handling of inventories by stage of fabrication. These are industries in which the products are usually stored under controlled conditions, and the products are aged. Included among such types of products are stemmed and dried tobacco, cheese, and whiskey. It is not clear whether such products should be treated as finished goods, work in process, or material and supplies inventories while in storage. In the cheese and whiskey industries substantial finished-goods inventories have been reported while in the tobacco industries, the bulk of the inventories have been classified as materials and supplies. These data have been summarized in the inventory tables in a consistent manner for the years included in this report.

Data in this publication may differ slightly from the industry and area reports previously published. These differences are due to corrections which were made for minor errors identified after the industry and area reports were issued. This report reflects these corrections.

TABLE 1. Value of Inventories of Manufacturing and Distribution Sectors: 1972 and Earlier Years

(Millions of dollars)

Sector	1972	1967	1963	1958	1954
Specified sectors, total.....	213,905	150,581	(NA)	(NA)	(NA)
Operating manufacturing establishments.....	108,936	84,406	59,913	49,354	40,341
Manufacturers central administrative offices.....	3,483	2,234	(NA)	(NA)	(NA)
Manufacturers' sales branches ¹	7,963	5,138	4,110	2,839	2,805
Petroleum bulk stations.....	884	878	777	833	652
Other Sales branches.....	7,079	4,260	3,333	2,036	2,153
Merchant wholesalers, including independent petroleum bulk stations and assemblers of farm products ¹	36,780	22,412	15,784	11,892	10,137
Agents and brokers ¹	991	559	256	180	103
Retail trade ²	55,752	35,832	27,034	22,098	10,063

¹Source: 1972 Census of Wholesale Trade.²Source: Annual Survey of Retail Trade.

TABLE 2. Value of Manufacturers' Inventories for Industry Groups and Industries:
End of 1972 and 1971

1972 code	Industry	(Millions of dollars)							
		Value of inventories at end of—							
		1972				1971			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
	ALL INDUSTRIES, TOTAL	108 939.3	35 603.8	37 387.5	35 947.6	103 033.5	34 547.0	34 702.4	33 784.1
20	FOOD AND KINDRED PRODUCTS	10 025.5	5 679.6	895.1	3 450.7	9 565.1	5 552.8	808.0	3 204.2
21	TOBACCO PRODUCTS	2 493.3	141.4	34.5	2 317.4	2 217.5	109.0	36.4	2 072.1
22	TEXTILE MILL PRODUCTS	3 940.6	1 476.1	1 180.6	1 283.9	3 750.6	1 473.3	1 111.9	1 165.4
23	APPAREL, OTHER TEXTILE PRODS	3 788.8	1 641.5	758.3	1 389.0	3 538.5	1 561.6	704.2	1 272.6
24	LUMBER AND WOOD PRODUCTS	2 601.2	939.8	564.1	1 097.3	2 459.7	947.9	514.9	996.9
25	FURNITURE AND FIXTURES	1 754.4	511.6	451.9	790.8	1 561.3	473.5	400.6	687.1
26	PAPER AND ALLIED PRODUCTS	2 911.4	1 094.1	339.4	1 478.0	2 844.0	1 087.2	313.6	1 443.2
27	PRINTING AND PUBLISHING	2 340.3	879.9	612.9	847.5	2 248.3	834.3	578.4	835.6
28	CHEMICALS AND ALLIED PRODUCTS	7 107.1	3 529.3	1 057.0	2 520.9	6 926.1	3 478.4	1 032.8	2 414.9
29	PETROLEUM AND COAL PRODUCTS	2 223.0	1 226.9	459.2	536.8	2 353.5	1 350.9	485.3	517.3
30	RUBBER, MISC. PLASTICS PROD.	2 588.8	1 350.9	406.8	831.1	2 345.2	1 239.5	362.4	743.3
31	LEATHER AND LEATHER PRODUCTS	796.1	324.5	184.0	287.5	717.7	316.1	157.0	244.6
32	STONE, CLAY, GLASS PRODUCTS	2 490.9	1 314.2	359.8	816.9	2 354.1	1 249.0	332.4	772.6
33	PRIMARY METAL INDUSTRIES	9 699.1	2 851.6	3 434.3	3 413.2	9 175.7	2 690.0	3 106.2	3 379.6
34	FABRICATED METAL PRODUCTS	8 344.7	2 187.5	2 997.3	3 159.9	7 997.4	2 091.9	2 794.7	3 110.6
35	MACHINERY, EXCEPT ELECTRICAL	15 036.8	4 466.7	6 700.1	3 870.0	14 207.4	4 402.4	6 115.1	3 689.8
36	ELECTRIC, ELECTRONIC EQUIP	9 725.5	2 575.0	4 451.5	2 698.8	9 235.0	2 384.0	4 301.5	2 539.5
37	TRANSPORTATION EQUIPMENT	15 705.4	1 582.1	10 665.9	3 457.4	14 523.0	1 468.1	9 861.0	3 193.8
38	INSTRUMENTS, RELATED PRODUCTS	3 106.8	882.5	1 254.1	970.2	2 920.4	955.7	1 151.1	813.7
39	MISC. MANUFACTURING INDUSTRIES	2 259.6	948.6	580.7	730.3	2 102.9	880.5	535.0	687.3
20	FOOD AND KINDRED PRODUCTS	10 025.5	5 679.6	895.1	3 450.7	9 565.1	5 552.8	808.0	3 204.2
201	MEAT PRODUCTS	951.3	673.1	101.6	176.6	849.7	609.8	77.2	162.7
2011	MEATPACKING PLANTS	555.9	412.0	67.7	76.2	479.7	356.7	48.5	74.5
2013	SAUSAGES AND OTHER PREPARED MEATS	221.7	133.4	26.0	62.3	195.6	118.3	21.0	56.3
2016	POULTRY DRESSING PLANTS	111.2	81.4	5.6	24.2	115.1	87.6	4.9	22.6
2017	POULTRY AND EGG PROCESSING	62.5	46.2	2.4	14.0	59.6	47.3	2.9	9.4
202	DAIRY PRODUCTS	615.1	337.0	28.5	249.6	581.7	320.1	30.8	230.8
2021	CREAMERY BUTTER	20.5	15.1	.9	4.5	23.1	18.2	.7	4.2
2022	CHEESE, NATURAL AND PROCESSED	252.5	148.9	12.0	91.5	226.8	134.6	13.7	78.5
2023	CONDENSED AND EVAPORATED MILK	83.2	47.9	6.2	29.2	83.4	50.1	6.6	26.8
2024	ICE CREAM AND FROZEN DESSERTS	71.4	32.7	1.4	37.3	70.7	32.8	1.3	36.5
2026	FLUID MILK	187.4	92.4	7.9	87.0	177.8	84.6	8.6	84.8
203	PRESERVED FRUITS AND VEGETABLES	2 500.7	1 774.4	147.9	578.3	2 561.6	1 877.8	161.2	522.6
2032	CANNED SPECIALTIES	347.5	218.4	4.2	124.8	371.7	256.9	4.0	110.9
2033	CANNED FRUITS AND VEGETABLES	1 197.0	951.3	51.4	194.2	1 257.0	1 026.1	55.4	175.3
2034	DEHYD. FRUITS, VEGETABLES, SOUPS	140.4	68.7	31.9	39.9	158.9	82.2	39.5	37.2
2035	PICKLES, SAUCES, SALAD DRESSINGS	210.5	119.8	28.0	62.8	204.4	113.3	28.1	62.9
2037	FROZEN FRUITS AND VEGETABLES	401.9	316.6	26.0	59.2	395.7	313.9	29.8	52.0
2038	FROZEN SPECIALTIES	203.4	99.6	6.4	97.4	173.8	85.3	4.3	84.3
204	GRAIN MILL PRODUCTS	974.4	341.4	70.4	562.6	869.5	330.0	51.2	488.3
2041	FLOUR, OTHER GRAIN MILL PRODUCTS	211.3	48.3	15.6	147.4	177.0	44.7	6.0	126.4
2043	CEREAL BREAKFAST FOODS	78.8	40.1	2.7	36.0	77.3	38.7	2.2	36.4
2044	RICE MILLING	195.5	33.3	22.3	139.9	152.4	36.2	16.1	100.1
2045	BLENDED AND PREPARED FLOUR	47.6	23.4	.7	23.4	40.6	20.8	.8	19.0
2046	WET CORN MILLING	82.8	37.6	5.1	40.1	85.3	40.5	5.1	39.7
2047	DOG, CAT, AND OTHER PET FOOD	90.4	46.9	1.3	42.2	83.5	40.7	1.2	41.7
2048	PREPARED FEEDS, NEC.	268.1	111.7	22.7	133.7	253.3	108.4	19.9	125.0
205	BAKERY PRODUCTS	226.9	51.8	2.5	172.7	220.9	50.0	6.4	164.5
2051	BREAD, CAKE, AND RELATED PRODUCTS	137.9	12.3	1.6	124.0	130.4	11.6	1.6	116.9
2052	COOKIES AND CRACKERS	89.0	39.5	.9	48.7	90.6	38.4	4.7	47.6
206	SUGAR, CONFECTIONERY PRODUCTS	985.8	515.1	69.1	401.6	973.4	510.4	73.6	389.4
2061	RAW CANE SUGAR	43.2	31.4	.3	11.5	40.0	28.4	.1	11.4
2062	CANE SUGAR REFINING	203.2	61.2	16.6	125.5	213.6	58.3	14.4	141.0
2063	BET SUGAR	254.4	205.4	16.1	32.9	261.7	208.6	22.6	30.5
2065	CONFECTIONERY PRODUCTS	289.8	159.9	19.6	110.3	280.0	157.8	18.8	103.4
2066	CHOCOLATE AND COCOA PRODUCTS	122.9	39.2	14.1	69.6	116.4	37.2	13.7	65.5
2067	CHEWING GUM	72.2	18.0	2.4	51.8	61.7	20.2	4.0	37.6
207	FATS AND OILS	911.5	353.9	124.9	432.8	803.5	292.3	126.3	384.9
2074	COTTONSEED OIL MILLS	97.9	24.1	11.9	61.9	117.1	22.1	16.4	78.5
2075	SOYBEAN OIL MILLS	577.2	231.4	47.2	298.6	450.3	180.4	41.1	228.9
2076	VEGETABLE OIL MILLS, NEC.	39.9	23.9	1.6	14.4	29.0	14.1	.7	14.2
2077	ANIMAL AND MARINE FATS AND OILS	29.3	23.2	.5	5.6	29.6	21.9	.6	7.2
2079	SHORTENING AND COOKING OILS	167.1	51.2	63.6	52.3	177.6	53.8	67.5	56.2
208	BEVERAGES	2 024.8	1 208.8	307.3	508.7	1 937.1	1 195.6	242.8	498.7
2082	MALT BEVERAGES	205.1	29.3	46.9	128.9	194.2	27.5	44.4	122.4
2083	MALT	80.0	22.8	3.6	53.6	79.9	26.2	3.0	50.7
2084	WINES, BRANDY, AND BRANDY SPIRITS	378.3	174.7	175.5	28.1	308.3	147.8	124.3	36.2
2085	DISTILLED LIQUOR, EXCEPT BRANDY	920.7	795.9	71.6	53.3	941.8	826.3	60.9	54.8
2086	BOTTLED AND CANNED SOFT DRINKS	281.0	120.0	4.5	156.5	267.0	112.5	4.8	149.8
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	159.7	66.1	5.2	88.5	145.5	55.3	5.4	84.8
209	MISC. FOODS, KINDRED PRODUCTS	835.0	424.1	43.0	367.8	767.7	366.8	38.5	362.4
2091	CANNED AND CURED SEAFOODS	158.2	128.4	2.3	27.4	115.8	91.0	2.5	22.3
2092	FRESH OR FROZEN PACKAGED FISH	169.3	109.1	4.5	55.7	144.4	92.5	3.7	48.2
2095	ROASTED COFFEE	183.3	44.7	19.1	119.5	199.3	49.8	15.3	134.3
2097	MANUFACTURED ICE	2.2	.7	.1	1.3	2.3	.9	.1	1.3
2098	MACARONI AND SPAGHETTI	27.3	13.5	1.1	12.7	23.9	12.0	1.0	11.1
2099	FOOD PREPARATIONS, NEC.	294.8	127.7	15.9	151.1	281.5	120.6	15.8	145.1
21	TOBACCO PRODUCTS	2 493.3	141.4	34.5	2 317.4	2 217.5	109.0	36.4	2 072.1
2111	CIGARETTES	1 700.8	33.2	16.6	1 651.0	1 527.2	29.9	18.1	1 479.2
2121	CIGARS	62.5	22.3	4.1	36.1	62.3	19.0	4.1	39.3
2131	CHEWING AND SMOKING TOBACCO	40.0	6.5	6.2	27.3	40.6	7.2	5.8	27.7
2141	TOBACCO STEMMING AND REDRYING	690.1	79.4	7.7	603.0	587.4	52.9	8.5	525.9

See footnote at end of table.

TABLE 2. Value of Manufacturers' Inventories for Industry Groups and Industries:
End of 1972 and 1971—Continued

1972 code	Industry	(Millions of dollars)							
		Value of inventories at end of—							
		1972				1971			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
22	TEXTILE MILL PRODUCTS.	3 940.6	1 476.1	1 180.6	1 283.9	3 750.6	1 473.3	1 111.9	1 165.4
2211	WEAVING MILLS, COTTON.	391.0	150.2	112.5	128.3	416.8	183.8	102.4	130.5
2221	WEAVING MILLS, MANMADE FIBER, SILK.	586.4	200.7	233.7	152.1	532.2	183.8	217.8	130.6
2231	WEAVING AND FINISHING MILLS, WOOL.	90.7	26.6	36.5	27.6	78.7	24.7	32.1	22.0
2241	NARROW FABRIC MILLS.	94.6	33.7	27.6	33.3	93.9	35.7	26.9	31.3
225	KNITTING MILLS.	1 140.7	434.8	360.3	345.7	1 099.2	421.5	357.0	320.7
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	175.8	54.3	81.7	39.8	193.7	70.9	82.4	40.4
2252	HOSIERY, NEC.	91.5	35.8	36.1	19.6	88.4	35.0	35.0	18.4
2253	KNIT OUTERWEAR MILLS.	273.2	117.0	66.3	89.9	249.4	104.3	67.5	77.6
2254	KNIT UNDERWEAR MILLS.	83.6	46.1	17.8	19.7	88.0	49.4	17.9	20.8
2257	CIRCULAR KNIT FABRIC MILLS.	336.4	114.0	101.6	120.9	313.7	107.0	101.7	105.1
2258	WARP KNIT FABRIC MILLS.	166.4	62.3	53.9	50.2	153.4	50.3	49.8	53.3
2259	KNITTING MILLS, NEC.	13.9	5.3	3.0	5.6	12.5	4.6	3.0	5.0
226	TEXTILE FINISHING, EXCEPT WOOL.	235.0	73.3	83.1	78.6	224.7	77.5	73.9	73.3
2261	FINISHING PLANTS, COTTON.	60.5	19.3	17.3	23.9	59.1	17.8	16.9	24.4
2262	FINISH, PLTS, MANMADE FIBER, SILK.	126.9	43.4	54.1	29.4	121.0	48.1	46.7	26.2
2269	FINISHING PLANTS, NEC.	47.7	10.6	11.8	25.3	44.6	11.5	10.2	22.7
227	FLOOR COVERING MILLS.	560.8	258.0	114.4	188.3	506.5	240.3	105.3	160.9
2271	WOVEN CARPETS AND RUGS.	44.4	12.1	18.9	13.4	42.9	12.8	18.2	11.9
2272	TUFTED CARPETS AND RUGS.	491.8	233.1	91.4	167.3	438.5	213.2	84.4	141.0
2279	CARPETS AND RUGS, NEC.	24.6	12.9	4.1	7.6	25.2	14.3	2.8	8.0
228	YARN AND THREAD MILLS.	447.6	147.6	130.1	169.9	444.8	157.2	121.4	166.2
2281	YARN MILLS, EXCEPT WOOL.	243.1	67.8	66.7	108.6	237.3	66.9	65.4	105.1
2282	THROWING AND WINDING MILLS.	110.7	42.8	27.9	40.0	122.6	58.0	22.9	41.6
2283	WOOL YARN MILLS.	37.0	15.2	13.1	8.6	28.9	10.9	11.4	6.6
2284	THREAD MILLS.	56.8	21.7	22.4	12.7	55.9	21.3	21.8	12.9
229	MISCELLANEOUS TEXTILE GOODS.	393.8	151.2	82.4	160.2	353.6	148.7	75.0	129.9
2291	FELT GOODS, EXC. WOVEN FELT, HATS.	25.7	9.7	4.8	11.2	25.2	10.1	5.0	10.2
2292	LACE GOODS.	7.7	2.8	3.0	1.9	7.4	2.7	2.7	2.1
2293	PADDINGS AND UPHOLSTERY FILLING.	11.6	3.9	.5	7.2	10.3	3.0	.6	6.6
2294	PROCESSED TEXTILE WASTE.	13.9	2.7	4.4	6.8	12.4	2.7	3.7	6.0
2295	COATED FABRICS, NOT RUBBERIZED.	145.7	54.4	28.6	62.7	125.9	50.4	25.8	49.7
2296	TIRE CORD AND FABRIC.	67.3	28.5	17.7	21.2	63.1	28.9	16.5	17.7
2297	NONWOVEN FABRICS.	50.3	19.2	8.1	22.9	41.7	17.3	5.7	18.6
2298	CORDAGE AND TWINE.	42.7	20.8	10.5	11.4	45.1	25.2	9.8	10.2
2299	TEXTILE GOODS, NEC.	28.9	9.2	4.9	14.8	22.3	8.5	5.2	8.8
23	APPAREL, OTHER TEXTILE PRODS.	3 788.8	1 641.5	758.3	1 389.0	3 538.5	1 561.6	704.2	1 272.6
2311	MEN'S AND BOYS' SUITS AND COATS.	399.7	173.5	106.8	119.4	395.2	170.2	108.1	116.8
232	MEN'S AND BOYS' FURNISHINGS.	1 066.1	520.3	179.9	365.8	1 005.3	499.0	165.3	341.0
2321	MEN'S, BOYS' SHIRTS, NIGHTWEAR.	327.4	152.6	64.1	110.7	296.4	146.6	59.3	90.6
2322	MEN'S AND BOYS' UNDERWEAR.	36.5	16.2	8.8	11.6	32.8	15.2	7.3	10.3
2323	MEN'S AND BOYS' NECKWEAR.	28.6	13.6	3.4	11.6	27.4	12.7	3.4	11.3
2327	MEN'S AND BOYS' SEPARATE TROUSERS.	286.3	157.8	38.0	90.5	296.8	153.2	38.7	104.7
2328	MEN'S AND BOYS' WORK CLOTHING.	236.9	107.3	44.1	85.5	221.8	107.8	37.6	76.4
2329	MEN'S AND BOYS' CLOTHING, NEC.	150.4	72.8	21.6	56.0	130.3	63.6	18.9	47.7
233	WOMEN'S AND MISSES' OUTERWEAR.	847.6	334.3	170.6	342.7	792.8	310.5	161.7	320.6
2331	WOMEN'S, MISSES' BLOUSES, WAISTS.	129.0	51.1	27.1	50.8	119.1	50.4	25.5	43.2
2335	WOMEN'S AND MISSES' DRESSES.	319.5	105.2	68.1	146.2	316.2	106.3	67.2	142.7
2337	WOMEN'S, MISSES' SUITS AND COATS.	177.7	71.8	35.7	70.2	165.9	65.8	33.0	67.1
2339	WOMEN'S, MISSES' OUTERWEAR, NEC.	221.5	106.2	39.7	75.6	191.6	87.9	36.0	67.6
234	WOMEN'S, CHILDREN'S UNDERGARMS.	341.0	150.6	75.8	114.6	319.7	143.8	71.6	104.3
2341	WOMEN'S AND CHILDREN'S UNDERWEAR.	217.9	98.2	47.7	71.9	201.2	90.2	44.1	67.0
2342	BRASSIERES AND ALLIED GARMENTS.	123.1	52.3	28.1	42.7	118.5	53.7	27.6	37.3
235	HATS, CAPS, AND MILLINERY.	33.9	12.6	5.9	15.4	28.3	10.3	5.0	13.0
2351	MILLINERY.	3.8	1.8	.4	1.6	3.6	1.7	.4	1.5
2352	HATS AND CAPS, EXCEPT MILLINERY.	30.1	10.8	5.5	13.8	24.5	8.5	4.6	11.5
236	CHILDREN'S OUTERWEAR.	175.0	75.0	40.4	59.6	171.8	78.1	36.7	57.0
2361	CHILDREN'S DRESSES AND BLOUSES.	76.3	34.9	18.9	22.4	74.1	37.2	17.0	20.0
2363	CHILDREN'S COATS AND SUITS.	19.2	7.0	3.8	8.4	17.4	6.4	3.5	7.5
2369	CHILDREN'S OUTERWEAR, NEC.	79.6	33.2	17.7	28.7	80.4	34.5	16.2	29.5
2371	FUR GOODS.	27.5	19.9	3.2	4.4	26.4	19.1	3.1	4.3
238	MISC. APPAREL AND ACCESSORIES.	183.4	85.6	29.6	68.3	168.5	81.8	26.9	59.8
2381	FABRIC DRESS AND WORK GLOVES.	30.4	12.2	5.7	12.5	26.3	12.6	4.9	8.8
2384	ROBES AND DRESSING GOWNS.	28.8	12.1	5.9	10.9	28.6	12.4	5.8	10.4
2385	WATERPROOF OUTERGARMENTS.	47.1	25.2	8.0	13.8	45.9	25.6	7.2	13.1
2386	LEATHER AND SHEEP LINED CLOTHING.	20.8	9.1	3.6	8.1	16.7	8.0	2.8	5.9
2387	APPAREL BELTS.	33.9	15.3	3.8	14.8	29.1	12.7	3.6	12.8
2389	APPAREL AND ACCESSORIES, NEC.	22.5	11.8	2.6	8.2	22.0	10.6	2.7	8.8
239	MISC. FABRICATED TEXTILE PRODS.	714.5	269.6	146.1	298.8	630.4	248.9	125.6	255.9
2391	CURTAINS AND DRAPERIES.	101.1	40.6	21.0	39.5	87.8	36.5	16.8	34.6
2392	HOUSEFURNISHINGS, NEC.	250.1	120.7	40.0	89.3	226.0	113.9	34.3	77.9
2393	TEXTILE BAGS.	38.6	10.2	4.4	24.0	35.0	10.0	3.2	21.8
2394	CANVAS AND RELATED PRODUCTS.	68.9	26.2	5.3	37.4	57.2	22.4	4.7	30.1
2395	PLEATING AND STITCHING.	40.6	19.5	8.4	12.6	31.1	13.8	5.5	11.8
2396	AUTOMOTIVE AND APPAREL TRIMMINGS.	103.1	16.0	47.5	39.7	88.0	14.8	40.1	33.0
2397	SCHIFFLI MACHINE EMBROIDERIES.	6.4	2.3	1.0	3.1	5.4	2.1	.8	2.5
2399	FABRICATED TEXTILE PRODUCTS, NEC.	105.7	34.1	18.4	53.1	99.8	35.4	20.2	44.1

See footnote at end of table.

TABLE 2. Value of Manufacturers' Inventories for Industry Groups and Industries:
End of 1972 and 1971—Continued

1972 code	Industry	(Millions of dollars)							
		Value of inventories at end of—							
		1972				1971			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
24	LUMBER AND WOOD PRODUCTS	2 601.2	939.8	564.1	1 097.3	2 459.7	947.9	514.9	996.9
2411	LOGGING CAMPS, LOG CONTRACTORS	195.7	105.6	52.2	37.9	192.9	113.4	43.6	35.9
242	SAWMILLS AND PLANING MILLS	854.1	361.7	248.6	243.8	1 844.3	391.7	237.2	215.6
2421	SAWMILLS, PLANING MILLS, GENERAL	752.0	331.5	227.7	192.9	1 741.2	355.0	216.6	169.5
2426	HARDWOOD DIMENSION AND FLOORING	81.7	20.0	17.7	44.0	79.7	23.2	17.0	39.4
2429	SPECIAL PRODUCT SAWMILLS, NEC.	20.4	10.3	3.2	6.9	23.5	13.4	3.5	6.6
243	MILLWORK, PLYWOOD, STRUC. MEMBS. . . .	789.0	229.0	156.3	403.7	1 731.0	218.0	139.9	373.1
2431	MILLWORK	365.2	98.5	82.6	184.2	1 334.3	89.8	74.5	170.2
2434	WOOD KITCHEN CABINETS	119.7	33.5	27.5	58.6	1 044.6	30.0	23.4	51.2
2435	HARDWOOD VENEER AND PLYWOOD	142.0	59.0	15.5	67.5	1 133.3	53.0	15.4	64.9
2436	SOFTWOOD VENEER AND PLYWOOD	113.6	28.7	22.8	62.1	115.4	37.6	20.0	58.0
2439	STRUCTURAL WOOD MEMBERS, NEC	48.5	9.2	7.9	31.3	43.4	7.8	6.7	28.9
244	WOOD CONTAINERS	82.2	21.7	17.2	43.3	181.8	18.8	18.4	44.6
2441	NAILED WOOD BOXES AND SHOOK	26.1	9.4	5.0	11.7	125.3	6.7	6.9	11.8
2448	WOOD PALLETS AND SKIDS	17.2	3.9	3.7	9.6	16.5	3.8	3.1	9.7
2449	WOOD CONTAINERS, NEC	38.9	8.4	8.4	22.1	39.7	8.2	8.4	23.1
245	WOOD BUILDINGS AND MOBILE HOMES	366.3	92.8	33.9	239.6	1 300.1	69.3	31.4	199.4
2451	MOBILE HOMES	222.6	53.8	16.9	151.8	191.0	48.4	14.6	128.0
2452	PREFABRICATED WOOD BUILDINGS	143.7	39.0	16.9	87.8	1 08.9	20.8	16.8	71.3
249	MISCELLANEOUS WOOD PRODUCTS	313.9	128.9	56.0	128.9	1 309.5	136.7	44.4	128.4
2491	WOOD PRESERVING	94.7	46.6	20.2	27.9	95.5	54.5	9.8	31.2
2492	PARTICLEBOARD	16.6	6.8	2.1	7.7	16.8	6.6	2.9	7.2
2499	WOOD PRODUCTS, NEC	202.6	75.5	33.7	93.3	197.2	75.5	31.7	90.0
25	FURNITURE AND FIXTURES	1 754.4	511.6	451.9	790.8	1 561.3	473.5	400.6	687.1
251	HOUSEHOLD FURNITURE	1 081.4	336.7	230.7	513.9	931.3	305.2	196.3	429.8
2511	WOOD HOUSEHOLD FURNITURE	513.2	203.9	123.1	186.3	1 453.0	189.8	107.0	156.0
2512	UPHOLSTERED HOUSEHOLD FURNITURE	251.4	44.2	50.3	156.8	207.1	38.9	39.8	128.3
2514	METAL HOUSEHOLD FURNITURE	133.8	41.2	27.7	64.9	116.7	34.3	26.3	56.2
2515	MATTRESSES AND BEDSPRINGS	112.9	29.0	12.2	71.8	1 044.8	28.3	11.0	65.4
2517	WOOD TV AND RADIO CABINETS	49.8	12.0	12.9	24.9	33.3	9.1	8.9	15.3
2519	HOUSEHOLD FURNITURE, NEC	20.2	6.4	4.5	9.3	16.4	4.8	3.2	8.5
252	OFFICE FURNITURE	194.6	36.5	65.3	92.8	175.7	34.4	59.9	81.4
2521	WOOD OFFICE FURNITURE	50.1	10.1	18.6	21.4	43.3	9.4	16.2	17.7
2522	METAL OFFICE FURNITURE	144.5	26.4	46.7	71.4	132.4	24.9	43.7	63.8
2531	PUBLIC BLDG., RELATED FURNITURE	108.6	21.0	44.7	42.8	95.3	18.6	36.9	39.8
254	PARTITIONS AND FIXTURES	237.5	75.0	72.4	90.0	224.8	70.5	69.7	84.6
2541	WOOD PARTITIONS AND FIXTURES	118.0	33.0	40.0	45.0	1 08.5	30.7	38.2	39.5
2542	METAL PARTITIONS AND FIXTURES	119.5	42.0	32.4	45.1	116.4	39.8	31.5	45.0
259	MISC. FURNITURE AND FIXTURES	132.4	42.4	38.7	51.3	134.2	44.7	37.9	51.6
2591	DRAPERY HARDWARE, BLINDS, SHADES	79.7	30.3	22.0	27.4	84.1	32.0	22.7	29.4
2599	FURNITURE AND FIXTURES, NEC	52.7	12.1	16.7	23.9	50.1	12.7	15.2	22.2
26	PAPER AND ALLIED PRODUCTS	2 911.4	1 094.1	339.4	1 478.0	2 844.0	1 087.2	313.6	1 443.2
2611	PULPMILLS	78.6	27.3	5.8	45.4	102.6	43.8	4.5	54.3
2621	PAPERMILLS, EXCEPT BUILDING PAPER	678.9	220.6	70.5	387.8	706.6	228.2	75.5	403.0
2631	PAPERBOARD MILLS	240.4	46.0	8.7	185.7	244.8	52.4	8.6	183.9
264	MISC. CONVERTED PAPER PRODUCTS	972.8	436.5	129.7	406.6	904.5	416.7	109.4	378.3
2641	PAPER COATING AND GLAZING	116.5	42.6	97.7	238.2	113.6	32.9	91.7	91.7
2642	ENVELOPES	73.5	29.6	8.1	35.7	68.2	28.2	7.2	32.8
2643	BAGS, EXCEPT TEXTILE BAGS	225.1	85.2	22.9	117.0	208.8	80.1	18.6	110.0
2645	DIE-CUT PAPER AND BOARD	57.7	19.5	9.4	28.8	56.9	18.3	10.1	28.6
2646	PRESSED AND MOLDED PULP GOODS	19.4	11.0	.8	7.6	21.0	12.5	.9	7.6
2647	SANITARY PAPER PRODUCTS	155.0	87.5	10.4	57.2	139.9	79.4	9.8	50.8
2648	STATIONERY PRODUCTS	88.4	45.5	20.2	22.7	81.5	43.8	16.7	21.0
2649	CONVERTED PAPER PRODUCTS, NEC	96.8	41.5	15.3	40.0	90.0	41.0	13.2	35.8
265	PAPERBOARD CONTAINERS AND BOXES	904.4	347.0	121.6	435.8	850.2	331.4	112.3	406.5
2651	FOLDING PAPERBOARD BOXES	219.3	109.9	56.3	53.0	198.1	101.8	49.4	46.9
2652	SETUP PAPERBOARD BOXES	41.7	20.3	6.6	14.8	38.0	19.2	5.6	13.2
2653	CORRUGATED AND SOLID FIBER BOXES	349.7	68.8	31.6	249.3	329.5	65.8	33.5	230.3
2654	SANITARY FOOD CONTAINERS	234.2	136.8	18.6	78.8	228.6	134.5	15.9	78.1
2655	FIBER CANS, DRUMS, SIMILAR PRODS	59.6	11.2	8.5	39.9	55.9	10.0	7.8	37.9
2661	BUILDING PAPER AND BOARD MILLS	36.4	16.7	3.2	16.5	35.1	14.7	3.1	17.3
27	PRINTING AND PUBLISHING	2 340.3	879.9	612.9	847.5	2 248.3	834.3	578.4	835.6
2711	NEWSPAPERS	152.5	4.2	4.4	143.9	169.3	4.4	3.5	161.4
2721	PERIODICALS	197.2	61.8	39.6	95.8	194.1	60.6	37.7	95.8
273	BOOKS	728.8	460.0	173.2	95.6	697.0	435.0	173.0	89.0
2731	BOOK PUBLISHING	629.4	444.1	131.2	54.0	601.6	418.3	131.0	52.2
2732	BOOK PRINTING	99.4	15.9	42.0	41.6	95.4	16.7	42.0	36.8
2741	MISCELLANEOUS PUBLISHING	68.1	22.5	26.6	19.1	64.3	23.3	25.2	15.7
275	COMMERCIAL PRINTING	700.2	143.0	235.0	322.2	656.0	134.8	213.0	308.2
2751	COMMERCIAL PRINTING, LETTERPRESS	262.7	61.9	77.8	123.0	252.0	56.6	71.1	124.4
2752	COMMERCIAL PRINTING, LITHOGRAPHIC	373.5	66.7	136.9	169.9	339.7	65.2	121.5	153.0
2753	ENGRAVING AND PLATE PRINTING	12.3	2.4	4.3	5.6	13.1	1.3	5.2	6.6
2754	COMMERCIAL PRINTING, GRAVURE	51.7	12.0	15.9	23.8	51.2	11.7	15.4	24.1
2761	MANIFOLD BUSINESS FORMS	143.8	41.2	25.4	77.2	132.4	39.7	23.3	69.4
2771	GREETING CARD PUBLISHING	190.7	103.3	54.1	33.2	185.3	93.4	51.2	40.6

See footnote at end of table.

TABLE 2. Value of Manufacturers' Inventories for Industry Groups and Industries:
End of 1972 and 1971—Continued

1972 code	Industry	(Millions of dollars)							
		Value of inventories at end of—							
		1972				1971			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
27	PRINTING AND PUBLISHING--CON.								
278	BLANKBOOKS AND BOOKBINDING	104.7	32.2	30.9	41.6	¹ 98.9	32.3	29.2	37.4
2782	BLANKBOOKS AND LOOSELEAF BINDERS . . .	79.6	26.0	21.6	31.9	¹ 72.6	25.3	17.9	29.3
2789	BOOKBINDING AND RELATED WORK	25.1	6.2	9.3	9.6	26.2	6.9	11.2	8.0
279	PRINTING TRADE SERVICES	54.4	11.9	23.7	18.9	49.9	10.6	21.5	17.8
2791	TYPESETTING	25.3	2.7	15.8	6.8	24.6	2.5	15.4	6.6
2793	PHOTOENGRAVING	8.0	1.5	2.3	4.3	6.4	1.2	1.8	3.5
2794	ELECTROTYPE AND STEREOTYPING	1.4	.1	.2	1.1	1.4	(Z)	.2	1.1
2795	LITHOGRAPHIC PLATEMAKING SERVICES . . .	19.7	7.7	5.3	6.6	18.8	7.2	4.8	6.9
28	CHEMICALS AND ALLIED PRODUCTS	7 107.1	3 529.3	1 057.0	2 520.9	6 926.1	3 478.4	1 032.8	2 414.9
281	INDUSTRIAL INORGANIC CHEMICALS	614.7	236.2	103.2	275.3	623.9	259.5	90.9	273.4
2812	ALKALIES AND CHLORINE	60.4	23.7	1.2	35.6	68.4	25.2	1.9	41.3
2813	INDUSTRIAL GASES	32.7	19.4	.9	12.3	29.9	17.3	.9	11.7
2816	INORGANIC PIGMENTS	137.4	54.1	14.7	68.6	156.0	75.4	13.2	67.3
2819	INDUSTRIAL INORGANIC CHEM., NEC.	384.1	138.9	86.4	158.8	369.5	141.6	74.8	153.0
282	PLASTICS MATERIALS, SYNTHETICS	1 125.4	645.7	140.4	339.3	1 126.5	656.8	141.8	328.0
2821	PLASTICS MATERIALS AND RESINS	467.7	255.1	45.4	167.1	441.2	248.7	47.9	144.4
2822	SYNTHETIC RUBBER	115.9	78.5	10.3	27.1	104.7	69.3	6.7	28.7
2823	CELLULOSIC MANMADE FIBERS	97.4	48.3	16.1	32.9	129.0	55.9	26.8	46.3
2824	ORGANIC FIBERS, NONCELLULOSIC	444.5	263.7	68.6	112.1	451.5	282.7	60.3	108.5
283	DRUGS	1 191.8	466.5	316.7	408.6	1 094.8	415.7	288.7	390.4
2831	BIOLOGICAL PRODUCTS	109.6	42.3	41.6	25.8	85.2	33.0	36.1	16.1
2833	MEDICINALS AND BOTANICALS	116.0	51.6	29.8	34.5	111.7	52.0	26.6	33.1
2834	PHARMACEUTICAL PREPARATIONS	966.1	372.5	245.3	348.2	897.8	330.7	225.9	341.2
284	SOAPS, CLEANERS, TOILET GOODS	1 064.1	534.8	84.3	445.0	¹ 994.4	500.3	83.4	410.7
2841	SOAP AND OTHER DETERGENTS	381.7	209.7	40.3	131.7	351.1	196.8	36.1	118.0
2842	POLISHES AND SANITATION GOODS	151.6	76.1	8.7	66.9	142.0	67.3	9.7	65.0
2843	SURFACE ACTIVE AGENTS	61.4	36.8	4.4	20.2	57.3	33.8	3.9	19.6
2844	TOILET PREPARATIONS	469.4	212.3	31.0	226.2	¹ 443.9	202.1	33.8	208.0
2851	PAINTS AND ALLIED PRODUCTS	542.8	306.1	35.5	201.2	501.0	283.0	34.4	183.5
286	INDUSTRIAL ORGANIC CHEMICALS	1 486.3	754.4	280.8	451.1	1 512.8	782.9	285.0	445.0
2861	GUM AND WOOD CHEMICALS	52.2	30.2	6.1	16.0	54.0	30.6	6.6	16.8
2865	CYCLIC CRUDES AND INTERMEDIATES	356.0	168.2	80.4	107.3	362.8	183.5	74.7	104.6
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC.	1 078.1	556.0	194.3	327.8	1 096.0	568.9	203.6	323.6
287	AGRICULTURAL CHEMICALS	601.2	347.7	52.3	201.2	¹ 599.9	348.7	61.3	189.7
2873	NITROGENOUS FERTILIZERS	116.2	69.2	7.3	39.6	¹ 112.0	63.8	8.5	39.7
2874	PHOSPHATIC FERTILIZERS	157.8	92.5	12.9	52.3	168.3	104.0	15.6	48.8
2875	FERTILIZERS, MIXING ONLY	143.9	82.3	12.6	49.0	136.1	77.8	11.3	47.0
2879	AGRICULTURAL CHEMICALS, NEC.	183.4	103.7	19.5	60.3	183.4	103.2	25.9	54.1
289	MISCELLANEOUS CHEMICAL PRODUCTS	480.8	237.9	43.7	199.1	¹ 473.0	231.5	47.1	194.4
2891	ADHESIVES AND SEALANTS	101.9	47.3	7.7	46.9	¹ 95.7	48.1	7.0	40.6
2892	EXPLOSIVES	38.1	16.2	6.4	15.6	¹ 39.9	16.3	6.7	16.9
2893	PRINTING INK	67.9	27.1	1.6	39.3	¹ 63.3	25.1	1.4	36.8
2895	CARBON BLACK	18.1	12.1	(Z)	6.0	19.0	12.6	(Z)	6.3
2899	CHEMICAL PREPARATIONS, NEC.	254.7	135.2	28.0	91.4	¹ 255.2	129.2	32.0	93.9
29	PETROLEUM AND COAL PRODUCTS	2 223.0	1 226.9	459.2	536.8	2 353.5	1 350.9	485.3	517.3
2911	PETROLEUM REFINING	2 002.2	1 127.4	442.9	431.9	2 160.3	1 258.7	469.3	432.2
295	PAVING AND ROOFING MATERIALS	103.2	48.1	8.8	46.3	¹ 91.1	41.5	8.9	40.6
2951	PAVING MIXTURES AND BLOCKS	38.5	13.2	7.6	17.7	¹ 35.7	12.7	7.5	15.4
2952	ASPHALT FELTS AND COATINGS	64.7	34.9	1.2	28.6	55.4	28.8	1.4	25.2
299	MISC. PETROLEUM, COAL PRODUCTS	117.6	51.4	7.6	58.6	102.1	50.7	7.0	44.4
2992	LUBRICATING OILS AND GREASES	80.9	45.7	7.4	27.8	78.8	45.4	6.7	26.7
2999	PETROLEUM AND COAL PRODUCTS, NEC.	36.7	5.6	.2	30.8	23.3	5.3	.3	17.7
30	RUBBER, MISC. PLASTICS PROD.	2 588.8	1 350.9	406.8	831.1	2 345.2	1 239.5	362.4	743.3
3011	TIRES AND INNER TUBES	768.4	518.4	79.2	170.8	694.9	455.2	74.4	165.2
3021	RUBBER AND PLASTICS FOOTWEAR	124.4	86.8	14.2	23.4	¹ 120.8	85.2	12.7	22.9
3031	RECLAIMED RUBBER	2.7	1.1	.1	1.5	3.4	2.0	.2	1.2
3041	RUBBER, PLASTICS HOSE AND RELTING	158.3	85.4	33.0	39.9	150.7	84.5	30.8	35.4
3069	FABRICATED RUBBER PRODUCTS, NEC.	332.8	131.0	76.5	125.4	307.0	126.9	68.9	111.1
3079	MISCELLANEOUS PLASTICS PRODUCTS	1 202.1	528.2	203.8	470.1	1 068.4	485.6	175.4	407.5
31	LEATHER AND LEATHER PRODUCTS	796.1	324.5	184.0	287.5	717.7	316.1	157.0	244.6
3111	LEATHER TANNING AND FINISHING	149.0	37.8	75.9	35.3	130.2	36.7	62.0	31.3
3131	BOOT, SHOE CUT STOCK AND FINDINGS	21.2	6.9	2.8	11.5	21.0	7.1	2.7	11.3
314	FOOTWEAR, EXCEPT RUBBER	433.8	186.3	77.7	169.7	394.7	185.7	67.7	141.2
3142	HOUSE SLIPPERS	23.6	12.2	2.2	9.2	22.0	11.8	1.8	8.3
3143	MEN'S FOOTWEAR, EXCEPT ATHLETIC	193.0	84.9	30.7	77.4	167.5	82.3	25.3	59.8
3144	WOMEN'S FOOTWEAR, EXCEPT ATHLETIC	141.7	52.1	32.6	57.0	126.2	47.9	28.9	49.5
3149	FOOTWEAR, EXCEPT RUBBER, NEC.	75.4	37.1	12.3	26.1	79.1	43.7	11.7	23.6
3151	LEATHER GLOVES AND MITTENS	20.3	8.9	3.9	7.5	19.6	9.1	3.9	6.6
3161	LUGGAGE	66.0	32.2	7.2	26.7	59.7	32.0	6.1	21.5
317	WOMEN'S HANDBAGS AND PURSES	75.4	36.7	11.8	27.0	¹ 66.2	31.8	10.3	24.2
3171	WOMEN'S HANDBAGS AND PURSES	37.1	18.1	6.6	12.4	¹ 34.2	16.3	6.2	11.7
3172	PERSONAL LEATHER GOODS, NEC.	38.3	18.6	5.2	14.5	¹ 32.0	15.5	4.1	12.4
3199	LEATHER GOODS, NEC.	30.2	15.7	4.7	9.8	¹ 26.4	13.7	4.2	8.5

See footnote at end of table.

TABLE 2. Value of Manufacturers' Inventories for Industry Groups and Industries:
End of 1972 and 1971—Continued

1972 code	Industry	(Millions of dollars)							
		Value of inventories at end of—							
		1972				1971			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
32	STONE, CLAY, GLASS PRODUCTS. . .	2 490.9	1 314.2	359.8	816.9	2 354.1	1 249.0	332.4	772.6
3211	FLAT GLASS	100.7	27.8	35.3	37.7	92.1	27.7	29.3	35.1
322	GLASS, PRESSED OR BLOWN.	459.8	328.8	29.9	101.1	421.3	296.3	32.0	93.0
3221	GLASS CONTAINERS	271.9	208.5	3.7	59.7	247.2	188.3	4.8	54.1
3229	PRESSED AND BLOWN GLASS, NEC	187.9	120.3	26.1	41.4	174.1	108.0	27.2	38.9
3231	PRODUCTS OF PURCHASED GLASS.	209.6	105.4	44.0	60.2	190.5	100.2	39.1	51.2
3241	CEMENT, HYDRAULIC.	239.3	81.4	39.3	118.5	218.5	69.1	34.0	115.3
325	STRUCTURAL CLAY PRODUCTS	204.1	127.4	13.8	62.9	206.7	134.4	13.0	59.3
3251	BRICK AND STRUCTURAL CLAY TILE	53.0	37.3	3.7	12.0	59.0	44.1	3.4	11.4
3253	CERAMIC WALL AND FLOOR TILE.	35.0	24.4	3.7	6.9	33.4	23.0	3.8	6.6
3255	CLAY REFRACTORIES.	83.2	42.0	4.7	36.6	84.1	45.3	4.0	34.9
3259	STRUCTURAL CLAY PRODUCTS, NEC.	32.9	23.8	1.7	7.4	30.2	21.9	1.9	6.4
326	POTTERY AND RELATED PRODUCTS	121.7	49.6	34.5	37.6	116.8	49.2	33.5	34.1
3261	VITREOUS PLUMBING FIXTURES	31.3	14.0	6.4	10.8	28.1	13.6	5.6	9.0
3262	VITREOUS CHINA FOOD UTENSILS	14.0	6.0	5.3	2.7	14.7	6.2	5.8	2.6
3263	FINE EARTHWARE FOOD UTENSILS	18.2	11.1	3.2	3.9	18.4	10.8	3.6	4.0
3264	PORCELAIN ELECTRICAL SUPPLIES.	44.2	11.6	17.1	15.5	41.9	11.3	16.2	14.4
3269	POTTERY PRODUCTS, NEC.	14.0	7.0	2.4	4.6	13.8	7.3	2.3	4.2
327	CONCRETE, GYPSUM, PLASTER PRODS.	536.1	295.7	43.4	197.0	515.0	283.0	45.7	186.2
3271	CONCRETE BLOCK AND BRICK	88.6	74.7	1.8	12.1	85.4	71.6	2.1	11.7
3272	CONCRETE PRODUCTS, NEC	260.3	160.7	31.0	68.6	249.5	150.8	32.2	66.5
3273	READY-MIXED CONCRETE	116.1	42.3	4.3	69.5	112.4	44.9	5.2	62.3
3274	LIME	18.8	3.1	1.9	13.8	19.0	2.9	2.0	14.1
3275	GYPSUM PRODUCTS.	52.2	14.9	4.3	33.0	48.8	12.9	4.2	31.8
3281	CUT STONE AND STONE PRODUCTS	40.7	15.1	11.4	14.2	36.3	12.7	10.1	13.6
329	MISC. NONMETALLIC MINERAL PRODS.	578.9	283.0	108.3	187.6	556.8	276.3	95.7	184.6
3291	ABRASIVE PRODUCTS.	147.9	68.2	35.0	44.7	144.5	68.4	32.4	43.7
3292	ASBESTOS PRODUCTS.	136.3	82.1	21.8	32.4	133.4	79.7	19.1	34.7
3293	GASKETS, PACKING, SEALING DEVICES.	101.9	44.2	29.4	28.3	83.0	35.2	23.9	23.9
3295	MINERALS, GROUND OR TREATED.	40.3	17.2	5.6	17.4	37.0	15.8	6.0	15.1
3296	MINERAL WOOL	54.9	26.6	2.7	25.6	52.2	26.5	2.0	23.7
3297	NONCLAY REFRACTORIES	81.6	37.6	9.7	34.3	87.4	40.3	8.5	38.7
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	16.1	7.1	4.1	5.0	19.1	10.4	3.8	4.9
33	PRIMARY METAL INDUSTRIES	9 699.1	2 851.6	3 434.3	3 413.2	9 175.7	2 690.0	3 106.2	3 379.6
331	BLAST FURNACE, BASIC STEEL PROD.	5 533.4	1 645.0	1 670.6	2 217.8	5 069.0	1 467.1	1 424.8	2 177.0
3312	BLAST FURNACES AND STEEL MILLS	4 571.6	1 340.5	1 410.5	1 820.6	4 153.7	1 177.9	1 192.6	1 783.2
3313	ELECTROMETALLURGICAL PRODUCTS.	173.0	76.6	17.0	79.4	170.8	72.6	18.5	79.7
3315	STEEL WIRE AND RELATED PRODUCTS.	263.9	111.8	53.2	98.9	244.3	104.6	47.6	92.2
3316	COLD FINISHING OF STEEL SHAPES	289.8	65.2	118.6	106.0	265.9	58.7	112.0	95.1
3317	STEEL PIPE AND TUBES	235.1	50.8	71.3	112.9	234.2	53.2	54.2	126.7
332	IRON AND STEEL FOUNDRIES	575.1	210.4	164.7	200.0	542.3	197.3	149.3	195.7
3321	GRAY IRON FOUNDRIES.	351.8	152.6	65.5	133.7	328.9	141.4	58.9	128.7
3322	MALLEABLE IRON FOUNDRIES	33.2	5.6	16.7	10.9	32.3	7.6	13.6	11.1
3324	STEEL INVESTMENT FOUNDRIES	38.1	2.3	19.5	16.4	33.3	2.3	16.7	14.4
3325	STEEL FOUNDRIES, NEC	152.1	50.0	63.0	39.0	147.6	46.0	60.1	41.5
333	PRIMARY NONFERROUS METALS.	892.5	220.0	449.3	223.3	927.5	258.0	435.3	234.1
3331	PRIMARY COPPER	367.6	108.8	223.9	34.8	349.9	112.7	205.0	32.2
3332	PRIMARY LEAD	131.5	36.7	86.4	8.4	100.1	30.9	57.9	11.2
3333	PRIMARY ZINC	73.6	21.6	24.8	27.2	73.8	22.5	23.2	28.1
3334	PRIMARY ALUMINUM	233.7	30.9	75.7	127.2	303.7	70.7	104.7	128.2
3339	PRIMARY NONFERROUS METALS, NEC	86.1	22.0	38.4	25.7	100.0	21.1	44.5	34.4
3341	SECONDARY NONFERROUS METALS.	205.9	91.0	32.8	82.2	210.1	94.2	33.4	82.5
335	NONFERROUS ROLLING AND DRAWING	2 180.4	618.0	1 010.9	551.5	2 081.3	594.1	955.6	531.6
3351	COPPER ROLLING AND DRAWING	327.7	81.8	144.6	101.3	319.9	85.2	127.4	107.3
3353	ALUMINUM SHEET, PLATE, AND FOIL.	653.2	157.7	382.3	113.2	641.0	149.9	373.8	117.4
3354	ALUMINUM EXTRUDED PRODUCTS	175.9	51.9	61.0	63.0	163.0	42.8	64.6	55.4
3355	ALUMINUM ROLLING AND DRAWING, NEC.	65.7	14.7	38.7	12.2	82.8	14.6	53.7	14.6
3356	NONFERROUS ROLLING & DRAWING, NEC.	300.1	81.0	143.3	75.8	280.7	79.6	125.1	75.9
3357	NONFERROUS WIREDRAWING, INSULATING.	657.8	230.9	240.9	186.0	636.6	231.2	223.5	182.0
336	NONFERROUS FOUNDRIES	211.2	44.4	79.0	87.7	198.0	46.9	70.7	80.4
3361	ALUMINUM FOUNDRIES	96.7	18.4	35.6	42.6	90.9	18.0	31.4	41.6
3362	BRASS, BRONZE, COPPER FOUNDRIES.	50.7	13.1	17.3	20.3	48.6	15.0	15.2	18.4
3369	NONFERROUS FOUNDRIES, NEC.	63.8	12.9	26.1	24.8	58.5	13.9	24.1	20.5
339	MISC. PRIMARY METAL PRODUCTS	100.6	22.8	27.1	50.7	104.8	23.1	24.5	57.2
3398	METAL HEAT TREATING.	36.2	4.9	7.0	24.2	39.7	4.4	5.7	29.6
3399	PRIMARY METAL PRODUCTS, NEC.	64.4	17.9	20.0	26.5	65.1	18.8	18.7	27.6
34	FABRICATED METAL PRODUCTS.	8 344.7	2 187.5	2 997.3	3 159.9	7 997.4	2 091.9	2 794.7	3 110.6
341	METAL CANS, SHIPPING CONTAINERS.	676.1	230.5	157.3	288.3	726.3	210.7	165.1	350.3
3411	METAL CANS	610.2	224.7	149.8	235.7	654.6	205.2	157.2	292.1
3412	METAL BARRELS, DRUMS, AND PAILS.	65.9	5.8	7.5	52.6	71.7	5.5	7.9	58.3
342	CUTLERY, HANDTOOLS AND HARDWARE.	932.6	300.0	364.7	267.9	848.6	283.1	324.8	240.7
3421	CUTLERY.	81.5	31.2	25.9	24.4	73.3	28.8	21.1	23.5
3423	HAND AND EDGE TOOLS, NEC	268.1	96.3	109.7	62.1	244.9	96.5	96.7	51.8
3425	HANDSAWS AND SAW BLADES.	46.4	16.6	14.9	14.9	42.6	15.6	13.1	13.9
3429	HARDWARE, NEC.	536.6	155.8	214.2	166.6	487.7	142.2	193.9	151.5
343	PLUMBING, HEATING, EXCEPT ELEC	399.8	150.0	110.0	139.8	371.2	141.9	89.9	139.5
3431	METAL SANITARY WARE.	50.7	17.9	12.5	20.3	54.1	19.2	10.6	24.2
3432	PLUMBING FITTINGS AND BRASS GOODS.	139.5	64.8	40.6	34.1	125.6	58.1	35.6	31.9
3433	HEATING EQUIPMENT, EXC. ELECTRIC	209.6	67.2	57.0	85.4	191.4	64.6	43.6	83.2

See footnote at end of table.

**TABLE 2. Value of Manufacturers' Inventories for Industry Groups and Industries:
End of 1972 and 1971—Continued**

1972 code	Industry	(Millions of dollars)							
		Value of inventories at end of—							
		1972				1971			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
34	FABRICATED METAL PRODUCTS--CON.								
344	FABRICATED STRUC. METAL PRODS.	2 534.7	453.1	1 072.5	1 009.1	2 413.0	429.4	1 016.2	967.4
3441	FABRICATED STRUCTURAL METAL.	828.5	80.1	467.3	281.1	827.9	70.9	472.0	284.8
3442	METAL DOORS, SASH, AND TRIM.	309.4	93.1	53.3	163.0	286.5	87.7	53.8	144.9
3443	FABRICATED PLATEWORK, BOILER SHOP.	643.4	53.2	377.3	213.0	587.7	59.1	328.1	200.4
3444	SHEET METALWORK.	404.2	115.8	95.5	193.0	376.1	106.4	88.0	181.7
3446	ARCHITECTURAL METALWORK.	93.0	21.2	35.5	36.3	84.5	19.2	30.1	35.1
3448	PREFABRICATED METAL BUILDINGS.	103.7	30.0	24.5	49.2	97.3	27.7	21.7	47.8
3449	MISCELLANEOUS METALWORK.	152.4	59.8	19.1	73.5	153.1	58.3	22.4	72.5
345	SCREW MACHINE PROD., BOLTS, ETC.	523.5	210.1	135.4	178.0	489.0	210.7	111.3	167.1
3451	SCREW MACHINE PRODUCTS.	115.7	29.9	44.6	41.2	103.2	28.5	38.0	36.6
3452	BOLTS, NUTS, RIVETS, AND WASHERS.	407.8	180.2	90.8	136.8	385.9	182.2	73.3	130.3
346	METAL FORGINGS AND STAMPINGS.	1 171.3	179.2	445.2	546.9	1 124.7	176.1	426.6	521.8
3462	IRON AND STEEL FORGINGS.	219.4	12.5	80.1	126.9	198.8	13.6	74.7	110.6
3463	NONFERROUS FORGINGS.	60.0	1.5	38.8	19.7	57.8	4.0	35.9	17.8
3465	AUTOMOTIVE STAMPINGS.	447.0	28.4	209.5	209.1	448.8	30.6	212.1	206.1
3466	CROWNS AND CLOSURES.	62.6	27.7	12.3	22.6	62.8	24.9	11.3	26.7
3469	METAL STAMPINGS, NEC.	382.3	109.2	104.6	168.6	356.4	103.0	92.7	160.6
347	METAL SERVICES, NEC.	116.1	20.6	19.9	75.6	104.3	18.9	16.7	68.8
3471	PLATING AND POLISHING.	51.3	7.9	8.6	34.9	48.0	7.8	7.5	32.8
3479	METAL COATING AND ALLIED SERVICES.	64.8	12.7	11.3	40.7	56.4	11.1	9.2	36.0
348	ORDNANCE AND ACCESSORIES, NEC.	1423.8	90.0	185.4	147.0	413.9	85.6	171.7	156.6
3482	SMALL ARMS AMMUNITION.	147.3	45.3	28.5	73.6	145.0	38.3	26.5	80.2
3483	AMMUNITION, EXC. SMALL ARMS, NEC.	146.3	19.8	73.6	52.9	142.8	22.3	64.1	56.4
3484	SMALL ARMS.	96.4	22.8	58.8	14.8	88.1	23.0	51.4	13.7
3489	ORDNANCE AND ACCESSORIES NEC.	133.3	2.0	25.5	5.7	137.9	2.0	29.8	6.2
349	MISC. FABRICATED METAL PRODUCTS.	1 567.3	554.0	505.9	507.4	1 506.5	535.7	472.2	498.6
3493	STEEL SPRINGS, EXCEPT WIRE.	57.4	10.7	11.9	34.7	50.7	10.2	11.0	29.5
3494	VALVES AND PIPE FITTINGS.	782.3	287.6	307.2	187.4	742.2	274.9	285.7	181.5
3495	WIRE SPRINGS.	66.5	16.4	14.2	35.9	63.1	16.7	13.1	33.3
3496	MISC. FABRICATED WIRE PRODUCTS.	158.7	59.7	35.1	63.9	157.1	59.1	30.4	67.4
3497	METAL FOIL AND LEAF.	43.8	17.3	7.9	18.6	41.7	15.6	7.6	18.4
3498	FABRICATED PIPE AND FITTINGS.	157.5	60.9	41.2	55.4	149.5	56.0	38.8	54.7
3499	FABRICATED METAL PRODUCTS, NEC.	301.1	101.3	88.3	111.5	302.2	103.2	85.5	113.6
35	MACHINERY, EXCEPT ELECTRICAL.	15 036.8	4 466.7	6 700.1	3 870.0	14 207.4	4 402.4	6 115.1	3 689.8
351	ENGINES AND TURBINES.	1 167.8	271.9	705.4	190.5	1 101.6	264.6	621.1	216.0
3511	TURBINES, TURBINE GENERATOR SETS.	528.3	66.2	343.7	118.5	513.9	66.5	339.3	108.1
3519	INTERNAL COMBUSTION ENGINES, NEC.	639.5	205.7	361.8	72.1	587.7	198.2	281.7	107.8
352	FARM AND GARDEN MACHINERY.	1 285.9	477.2	443.9	364.8	1 125.3	454.3	362.5	308.5
3523	FARM MACHINERY AND EQUIPMENT.	998.7	342.8	370.8	285.0	866.5	331.0	303.5	231.9
3524	LAWN AND GARDEN EQUIPMENT.	287.2	134.4	73.1	79.7	258.9	123.2	59.0	76.6
353	CONSTRUCTION, RELATED MACHINERY.	2 990.4	981.0	1 123.6	885.9	2 824.9	985.5	975.6	863.8
3531	CONSTRUCTION MACHINERY.	1 695.7	513.2	665.6	516.9	1 587.2	533.7	557.9	495.6
3532	MINING MACHINERY.	237.7	115.9	67.3	54.6	231.3	109.4	64.6	57.4
3533	OILFIELD MACHINERY.	382.2	177.8	111.2	93.2	344.1	169.1	84.9	90.3
3534	ELEVATORS AND MOVING STAIRWAYS.	133.2	44.0	43.3	45.8	130.7	42.8	36.5	51.2
3535	CONVEYORS AND CONVEYING EQUIPMENT.	152.3	39.1	59.9	53.3	153.5	35.5	61.3	56.7
3536	HOISTS, CRANES, AND MONORAILS.	127.3	19.8	73.4	34.1	130.0	20.0	75.1	35.1
3537	INDUSTRIAL TRUCKS AND TRACTORS.	262.1	71.2	102.8	88.1	248.1	75.0	95.5	77.7
354	METALWORKING MACHINERY.	1 646.4	436.4	832.3	377.6	1 555.6	459.9	740.0	355.8
3541	MACHINE TOOLS, METAL-CUTTING.	482.2	112.8	279.8	89.6	464.7	117.7	257.8	89.2
3542	MACHINE TOOLS, METAL-FORMING.	242.7	60.7	115.4	66.6	230.4	62.7	106.8	60.9
3544	SPECIAL DIES, TOOLS, JIGS, ETC.	244.1	39.8	143.4	61.0	219.5	35.7	127.5	56.3
3545	MACHINE TOOL ACCESSORIES.	289.0	111.9	116.9	60.3	279.7	114.4	107.3	57.9
3546	POWER DRIVEN HANDTOOLS.	199.7	68.1	80.3	51.3	192.9	84.6	58.4	49.9
3547	ROLLING MILL MACHINERY.	81.0	9.9	53.9	17.2	69.1	12.7	43.5	12.9
3549	METALWORKING MACHINERY, NEC.	107.6	33.3	42.6	31.7	99.4	32.1	38.8	28.4
355	SPECIAL INDUSTRY MACHINERY.	1 585.5	474.3	740.1	371.1	1 521.8	478.5	647.5	395.9
3551	FOOD PRODUCTS MACHINERY.	253.1	86.3	102.2	64.6	240.8	85.8	94.2	60.9
3552	TEXTILE MACHINERY.	231.0	87.8	92.4	50.8	225.6	90.3	86.0	49.2
3553	WOODWORKING MACHINERY.	101.8	29.5	41.8	30.5	84.9	24.4	37.5	23.1
3554	PAPER INDUSTRIES MACHINERY.	115.1	25.8	55.0	34.3	116.6	25.7	55.6	35.3
3555	PRINTING TRADES MACHINERY.	243.6	82.0	110.6	50.9	240.8	87.3	109.0	44.5
3559	SPECIAL INDUSTRY MACHINERY, NEC.	640.9	162.9	338.1	139.9	613.2	165.1	265.2	183.0
356	GENERAL INDUSTRIAL MACHINERY.	2 043.7	681.4	872.4	489.9	1 940.4	679.3	808.1	453.0
3561	PUMPS AND PUMPING EQUIPMENT.	534.6	163.8	245.3	125.5	493.1	166.8	219.7	106.6
3562	BALL AND ROLLER BEARINGS.	398.5	126.7	192.5	79.4	383.1	129.4	180.1	73.6
3563	AIR AND GAS COMPRESSORS.	286.7	142.6	112.6	31.6	283.2	137.1	111.9	34.2
3564	BLOWERS AND FANS.	125.4	24.8	44.9	55.6	119.8	21.0	43.8	55.0
3565	INDUSTRIAL PATTERNS.	12.9	1.7	8.4	2.8	11.0	1.8	6.4	2.7
3566	SPEED CHANGERS, DRIVES, AND GEARS.	147.6	56.1	60.1	31.5	140.7	56.3	54.1	30.3
3567	INDUSTRIAL FURNACES AND OVENS.	75.7	12.0	33.2	30.6	74.5	12.4	32.0	30.1
3568	POWER TRANSMISSION EQUIPMENT, NEC.	208.0	82.7	73.9	51.4	198.1	82.9	67.6	47.5
3569	GENERAL INDUSTRIAL MACHINERY, NEC.	254.3	71.0	101.7	81.6	236.9	71.5	92.5	72.9
357	OFFICE AND COMPUTING MACHINES.	2 083.7	359.8	1 211.3	512.6	1 109.7	377.2	1 273.9	458.7
3573	ELECTRONIC COMPUTING EQUIPMENT.	1 574.1	259.3	904.1	410.7	1 600.8	273.8	956.1	370.9
3574	CALCULATING, ACCOUNTING MACHINES.	216.7	21.3	142.8	52.6	186.9	16.2	131.1	39.6
3576	SCALES, BALANCES, EXC. LABORATORY.	47.5	9.7	26.7	11.0	45.0	8.7	25.3	11.6
3579	OFFICE MACHINES, TYPEWRITERS, ETC.	245.4	69.5	137.7	38.2	276.4	78.4	161.5	36.5
358	REFRIGERATION AND SERVICE MACH.	1 704.7	641.4	525.2	538.2	1 543.5	558.8	478.3	506.4
3581	AUTOMATIC MERCHANDISING MACHINES.	89.0	29.9	27.9	31.1	77.4	22.6	25.3	29.5
3582	COMMERCIAL LAUNDRY EQUIPMENT.	36.6	5.7	11.1	19.8	37.5	7.9	8.8	20.8
3585	REFRIGERATION, HEATING EQUIPMENT.	1 330.6	548.5	387.1	394.9	1 200.2	475.5	354.0	370.6
3586	MEASURING AND DISPENSING PUMPS.	64.2	15.6	33.7	14.8	60.4	15.5	31.0	13.9
3589	SERVICE INDUSTRY MACHINERY, NEC.	184.4	41.6	65.3	77.5	167.8	37.2	59.2	71.5
359	MISC. MACHINERY, EXC. ELEC.	528.6	143.4	245.9	139.4	484.3	144.4	208.0	131.9
3592	CARBURETORS, PISTONS, RINGS, ETC.	112.4	32.6	57.4	22.4	98.0	34.6	37.8	25.6
3599	MACHINERY, EXCEPT ELECTRICAL, NEC.	416.2	110.8	188.4	116.9	386.3	109.9	170.2	106.3

See footnote at end of table.

TABLE 2. Value of Manufacturers' Inventories for Industry Groups and Industries:
End of 1972 and 1971—Continued

1972 code	Industry	(Millions of dollars)							
		Value of inventories at end of—							
		1972				1971			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
36	ELECTRIC, ELECTRONIC EQUIP . . .	9 725.5	2 575.0	4 451.5	2 698.8	9 225.9	2 384.0	4 301.5	2 539.5
361	ELECTRIC DISTRIBUTING EQUIPMENT . .	671.7	140.0	306.6	225.1	653.1	151.0	283.7	218.4
3612	TRANSFORMERS	258.7	52.1	112.6	94.0	266.6	63.8	111.3	91.7
3613	SWITCHGEAR, SWITCHBOARD APPARATUS .	413.1	87.9	194.0	131.1	386.5	87.2	172.4	126.8
362	ELECTRICAL INDUSTRIAL APPARATUS . .	1 142.9	277.6	494.5	370.8	1 049.6	260.7	443.3	345.8
3621	MOTORS AND GENERATORS	468.7	127.9	188.8	152.0	435.7	121.7	173.8	140.2
3622	INDUSTRIAL CONTROLS	327.4	54.9	164.1	108.4	281.0	50.5	133.8	96.6
3623	WELDING APPARATUS, ELECTRIC	149.3	51.5	44.4	53.4	138.2	47.3	41.5	49.5
3624	CARBON AND GRAPHITE PRODUCTS . . .	98.4	19.4	63.3	15.7	100.9	20.3	64.6	16.1
3629	ELEC. INDUSTRIAL APPARATUS, NEC . . .	99.2	23.9	33.9	41.4	94.4	21.2	29.6	43.5
363	HOUSEHOLD APPLIANCES	1 164.7	585.4	249.4	329.8	1 078.4	531.7	238.0	308.7
3631	HOUSEHOLD COOKING EQUIPMENT	168.0	81.4	26.0	60.7	157.5	80.6	22.6	54.3
3632	HOUSEHOLD REFRIGERATORS, FREEZERS .	280.0	186.4	28.3	65.2	267.6	167.0	31.9	68.8
3633	HOUSEHOLD LAUNDRY EQUIPMENT	169.3	94.4	33.4	41.4	152.0	78.0	30.6	43.5
3634	ELECTRIC HOUSEWARES AND FANS	314.3	130.0	78.8	105.6	302.8	126.1	87.6	89.2
3635	HOUSEHOLD VACUUM CLEANERS	74.3	37.7	26.8	9.7	67.7	35.3	21.3	11.1
3636	SEWING MACHINES	55.2	14.9	33.7	6.5	52.7	18.8	28.0	6.0
3639	HOUSEHOLD APPLIANCES, NEC	103.6	40.6	22.2	40.7	78.0	26.0	16.1	35.8
364	ELEC. LIGHTING, WIRING EQUIP	949.7	365.1	254.1	330.5	864.3	342.4	226.4	295.5
3641	ELECTRIC LAMPS	110.1	73.4	8.1	28.6	114.5	81.1	7.8	25.5
3643	CURRENT-CARRYING WIRING DEVICES . .	251.7	95.8	84.0	71.9	213.7	83.1	68.2	62.4
3644	NONCURRENT-CARRYING WIRING DEVICES .	186.8	76.6	46.2	64.1	175.9	71.2	46.8	58.0
3645	RESIDENTIAL LIGHTING FIXTURES	137.7	49.6	32.4	55.6	123.8	44.6	29.4	49.8
3646	COMMERCIAL LIGHTING FIXTURES	127.5	37.4	30.2	59.9	116.2	34.4	28.2	53.6
3647	VEHICULAR LIGHTING EQUIPMENT	50.3	10.6	23.3	16.4	42.7	8.5	21.1	13.1
3648	LIGHTING EQUIPMENT, NEC	85.5	21.8	29.8	33.9	77.7	19.4	25.1	33.1
365	RADIO, TV RECEIVING EQUIPMENT . . .	732.4	297.1	207.0	228.3	636.5	263.0	165.4	208.1
3651	RADIO AND TV RECEIVING SETS	664.9	256.8	199.4	208.7	565.5	220.2	158.3	186.9
3652	PHONO, RECORDS, PRERECORDED TAPE . .	67.5	40.3	7.6	19.6	71.0	42.7	7.1	21.2
366	COMMUNICATION EQUIPMENT	2 937.3	409.9	1 926.8	600.6	2 865.6	355.7	1 913.2	596.6
3661	TELEPHONE AND TELEGRAPH APPARATUS .	856.1	105.5	546.8	203.8	758.3	76.0	481.7	200.6
3662	RADIO AND TV COMMUNICATION EQUIP . .	2 081.2	304.4	1 380.0	396.8	2 107.2	279.6	1 431.5	396.1
367	ELECTRONIC COMPONENTS, ACCESS. . .	1 494.9	307.6	776.1	411.2	1 514.2	311.0	838.0	365.3
3671	ELECTRON TUBES, RECEIVING TYPE . . .	23.9	9.2	7.3	23.2	23.2	9.4	6.9	6.9
3672	CATHODE RAY TV PICTURE TUBES	66.3	25.5	16.1	24.7	55.8	20.5	13.0	22.3
3673	ELECTRON TUBES, TRANSMITTING	102.8	13.5	67.6	21.7	99.8	17.7	62.0	20.1
3674	SEMICONDUCTORS, RELATED DEVICES . .	502.8	109.8	292.2	100.8	537.9	118.5	324.5	95.1
3675	ELECTRONIC CAPACITORS	99.6	13.9	54.1	31.6	89.4	13.1	49.3	27.0
3676	ELECTRONIC RESISTORS	62.7	17.8	24.3	20.7	56.3	17.4	22.4	16.5
3677	ELECTRONIC COILS AND TRANSFORMERS .	59.3	7.3	24.3	27.7	52.3	8.8	18.4	25.1
3678	ELECTRONIC CONNECTORS	95.5	18.6	56.9	20.1	91.2	17.2	55.8	18.3
3679	ELECTRONIC COMPONENTS, NEC	481.9	92.0	233.3	156.6	508.2	88.5	285.7	133.9
369	MISC. ELEC. EQUIPMENT, SUPPLIES . . .	631.9	192.3	237.0	202.5	564.2	167.9	194.4	201.9
3691	STORAGE BATTERIES	133.7	47.4	54.6	31.8	123.2	42.4	45.3	35.4
3692	PRIMARY BATTERIES, DRY AND WET . . .	63.2	21.6	14.7	26.9	58.5	18.2	14.1	26.2
3693	X-RAY APPARATUS AND TUBES	106.9	32.7	41.5	32.7	87.2	27.5	32.8	26.9
3694	ENGINE ELECTRICAL EQUIPMENT	245.2	68.7	110.1	66.4	220.8	59.1	87.4	74.4
3699	ELECTRICAL EQUIP., SUPPLIES, NEC . . .	82.9	21.9	16.2	44.7	74.6	20.8	14.8	38.9
37	TRANSPORTATION EQUIPMENT	15 705.4	1 582.1	10 665.9	3 457.4	14 523.0	1 468.1	9 861.0	3 193.8
371	MOTOR VEHICLES AND EQUIPMENT	4 726.0	783.1	1 864.1	2 078.8	4 137.3	728.0	1 702.6	1 706.8
3711	MOTOR VEHICLES AND CAR BODIES	2 183.9	205.9	859.5	1 118.5	1 857.2	211.8	823.2	822.0
3713	TRUCK AND BUS BODIES	301.7	83.7	90.7	127.3	255.0	66.5	80.1	108.5
3714	MOTOR VEHICLE PARTS, ACCESSORIES . .	2 049.6	464.7	877.3	707.6	1 858.1	425.5	772.5	660.2
3715	TRUCK TRAILERS	190.9	28.8	36.6	125.4	167.0	24.2	26.8	116.0
372	AIRCRAFT AND PARTS	11 420.7	482.8	7 032.9	905.0	10 975.5	482.0	6 565.2	1 050.4
3721	AIRCRAFT	6 375.3	124.5	5 623.4	627.5	6 160.4	127.6	5 307.8	724.9
3724	AIRCRAFT ENGINES AND ENGINE PARTS . .	868.2	252.0	466.7	149.5	834.2	251.8	384.7	197.7
3728	AIRCRAFT EQUIPMENT, NEC	1 177.2	106.3	942.8	128.1	1 102.9	102.5	872.7	127.7
373	SHIP, BOAT BUILDING, REPAIRING	931.0	82.6	670.5	177.9	731.9	72.9	506.0	153.1
3731	SHIP BUILDING AND REPAIRING	721.3	16.7	610.4	94.2	552.1	11.9	455.6	84.6
3732	BOAT BUILDING AND REPAIRING	209.7	65.9	60.2	83.7	179.8	61.0	50.4	68.5
3743	RAILROAD EQUIPMENT	459.3	77.1	299.5	82.8	468.3	54.5	316.7	97.1
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	128.8	44.3	54.2	30.3	101.1	33.3	39.4	28.4
376	GUIDED MISSILES, SPACE VEHICLES . . .	728.4	3.1	671.3	54.0	708.4	11.0	651.7	45.6
3761	GUIDED MISSILES, SPACE VEHICLES . . .	463.0	1.3	424.4	37.3	463.9	3.8	433.1	27.0
3764	SPACE PROPULSION UNITS AND PARTS . .	174.2	.5	167.6	6.1	164.1	6.0	151.1	7.0
3769	SPACE VEHICLE EQUIPMENT, NEC	91.2	1.3	79.3	10.5	80.4	1.3	67.4	11.6
379	MISC. TRANSPORTATION EQUIPMENT . . .	311.0	109.1	73.4	128.5	278.4	86.6	79.5	112.4
3792	TRAVEL TRAILERS AND CAMPERS	161.7	68.2	22.6	70.9	134.6	54.1	20.2	60.2
3795	TANKS AND TANK COMPONENTS	35.8	.6	33.4	1.8	46.7	.7	43.9	2.2
3799	TRANSPORTATION EQUIPMENT, NEC	113.5	40.3	17.4	55.8	97.1	31.8	15.4	50.0

See footnote at end of table.

TABLE 2. Value of Manufacturers' Inventories for Industry Groups and Industries:
End of 1972 and 1971—Continued

1972 code	Industry	(Millions of dollars)							
		Value of inventories at end of—							
		1972				1971			
		Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
38	INSTRUMENTS, RELATED PRODUCTS. . .	3 106.8	882.5	1 254.1	970.2	2 920.4	955.7	1 151.1	813.7
3811	ENGINEERING, SCIENTIFIC INSTRU . . .	262.3	61.5	128.1	72.7	264.6	73.9	123.9	66.7
382	MEASURING, CONTROLLING DEVICES . . .	1 023.8	230.4	484.4	310.5	968.2	229.1	453.3	285.9
3822	ENVIRONMENTAL CONTROLS	141.3	36.0	79.5	25.8	132.4	35.2	74.1	23.1
3823	PROCESS CONTROL INSTRUMENTS	281.4	51.2	121.6	109.9	262.3	50.4	112.3	99.6
3824	FLUID METERS AND COUNTING DEVICES . .	66.2	20.9	32.1	13.3	74.3	28.6	33.6	12.1
3825	INSTRU. TO MEASURE ELECTRICITY	370.0	84.5	175.2	110.4	344.8	83.9	154.0	106.9
3829	MEASURING, CONTROLLING DEVICES, NEC .	164.9	37.8	76.0	51.1	154.5	31.0	79.0	44.2
3832	OPTICAL INSTRUMENTS AND LENSES . . .	156.2	50.0	75.0	31.2	137.7	48.4	57.8	31.7
384	MEDICAL INSTRUMENTS, SUPPLIES. . . .	561.1	215.7	172.1	173.3	511.8	199.5	166.7	145.7
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	203.6	81.7	59.0	62.9	187.0	78.1	53.1	55.7
3842	SURGICAL APPLIANCES AND SUPPLIES . . .	265.6	98.4	78.8	88.4	243.2	90.5	81.8	70.8
3843	DENTAL EQUIPMENT AND SUPPLIES. . . .	91.9	35.6	34.4	22.0	81.7	30.9	31.7	19.2
3851	OPHTHALMIC GOODS	160.0	70.2	57.1	32.6	134.3	61.3	46.9	26.1
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES . .	751.1	179.5	261.4	310.3	720.6	278.0	221.3	221.4
3873	WATCHES, CLOCKS, AND WATCHCASES. . .	187.1	73.0	78.0	36.1	183.0	65.6	81.3	36.1
39	MISC. MANUFACTURING INDUSTRIES. . .	2 259.6	948.6	580.7	730.3	2 102.9	880.5	535.0	687.3
391	JEWELRY, SILVER AND PLATED WARE. . .	453.1	330.0	111.3	112.1	409.1	205.5	95.8	107.6
3911	JEWELRY, PRECIOUS METAL.	288.6	147.7	59.5	81.4	259.7	131.9	52.1	75.6
3914	SILVERWARE AND PLATED WARE	102.4	47.1	36.5	19.0	98.1	44.7	31.6	21.8
3915	JEWELERS' MATS., LAPIDARY WORK	62.1	35.2	15.2	11.7	51.3	29.0	12.2	10.3
3931	MUSICAL INSTRUMENTS.	151.6	38.1	68.8	44.7	134.5	34.0	63.5	36.9
394	TOYS AND SPORTING GOODS.	704.0	316.5	152.7	234.8	665.4	298.5	141.5	225.4
3942	DOLLS.	30.9	15.2	3.9	11.8	29.0	14.4	4.1	10.6
3944	GAMES, TOYS, CHILDREN'S VEHICLES . .	295.1	129.0	58.4	107.7	289.7	131.1	49.4	109.2
3949	SPORTING AND ATHLETIC GOODS, NEC . . .	377.9	172.3	90.4	115.3	346.7	153.0	88.0	105.7
395	PENS, OFFICE AND ART GOODS	158.5	55.6	43.4	59.5	144.6	51.4	40.9	52.3
3951	PENS AND MECHANICAL PENCILS	56.8	17.1	19.5	20.2	48.5	13.9	17.0	17.6
3952	LEAD PENCILS AND ART GOODS	43.9	18.7	8.2	17.0	42.3	19.0	7.8	15.5
3953	MARKING DEVICES.	21.1	7.8	5.8	7.5	18.7	7.3	4.8	6.7
3955	CARBON PAPER AND INKED RIBBONS	36.7	12.0	9.8	14.8	35.0	11.2	11.3	12.5
396	COSTUME JEWELRY AND NOTIONS.	195.7	78.1	58.1	59.5	191.5	78.9	56.8	55.8
3961	COSTUME JEWELRY.	67.8	26.6	18.8	22.3	66.7	27.6	18.5	20.5
3962	ARTIFICIAL FLOWERS	21.3	10.3	2.2	8.8	19.5	9.7	1.9	7.8
3963	BUTTONS.	12.7	6.8	2.8	3.0	12.1	5.9	2.9	3.3
3964	NEEDLES, PINS, AND FASTENERS	94.0	34.3	34.2	25.5	93.2	35.7	33.4	24.0
399	MISCELLANEOUS MANUFACTURES	596.6	230.5	146.5	219.6	557.8	212.0	136.6	209.2
3991	BROOMS AND BRUSHES	98.5	45.5	13.3	39.7	93.9	42.0	14.7	37.3
3993	SIGNS AND ADVERTISING DISPLAYS	129.5	28.9	46.2	54.4	116.6	28.7	38.5	49.5
3995	BURIAL CASKETS	57.9	16.2	14.6	27.2	56.4	14.9	14.2	27.2
3996	HARD SURFACE FLOOR COVERINGS	49.7	31.2	8.8	9.7	43.0	28.3	6.7	8.0
3999	MANUFACTURING INDUSTRIES, NEC.	261.0	108.7	63.6	88.6	247.9	98.3	62.4	87.3

Note: Detailed figures may not add to totals because of independent rounding.

¹Indicates revision of 3 percent or more from data published in the final industry report (see Introduction).

TABLE 3. Value of Manufacturers' Inventories for Divisions and States: End of 1972 and 1971

Geographic area	(Millions of dollars)							
	Value of inventories at end of—							
	1972				1971			
	Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.
UNITED STATES, TOTAL.....	108 939.3	35 603.8	37 387.5	35 947.6	103 033.5	34 547.0	34 702.4	33 784.1
NORTHEAST REGION.....	27 576.9	9 448.9	9 539.8	8 588.2	26 583.9	9 409.5	8 905.0	8 269.6
NEW ENGLAND DIVISION.....	6 763.1	2 327.0	2 401.3	2 034.6	6 506.2	2 333.7	2 202.5	1 970.1
MAINE.....	365.1	132.3	92.5	140.3	357.4	133.9	81.0	142.5
NEW HAMPSHIRE.....	350.7	106.4	127.8	116.5	315.2	99.2	114.0	101.9
VERMONT.....	196.6	45.0	104.4	47.2	208.5	39.3	125.9	43.4
MASSACHUSETTS.....	2 959.8	971.0	1 007.7	980.9	2 797.3	969.2	906.5	921.8
RHODE ISLAND.....	511.0	202.2	143.1	165.6	465.6	196.1	128.4	141.2
CONNECTICUT.....	2 379.9	870.0	925.9	584.0	2 362.0	896.0	846.7	619.3
MIDDLE ATLANTIC DIVISION.....	20 814.0	7 121.9	7 138.5	6 553.6	20 077.7	7 075.8	6 702.5	6 299.5
NEW YORK.....	8 686.2	2 925.6	3 095.2	2 665.5	8 392.1	2 937.7	2 923.5	2 530.9
NEW JERSEY.....	4 511.7	1 721.3	1 351.3	1 439.1	4 405.6	1 705.0	1 281.1	1 419.5
PENNSYLVANIA.....	7 616.1	2 475.0	2 692.0	2 449.0	7 280.0	2 433.1	2 497.9	2 349.1
NORTH CENTRAL REGION.....	34 995.6	11 547.6	11 289.8	12 158.0	32 533.2	11 017.9	10 230.6	11 284.9
EAST NORTH CENTRAL DIVISION.....	27 989.5	9 207.0	9 175.9	9 606.6	26 217.9	8 810.3	8 435.7	8 972.0
OHIO.....	7 871.0	2 625.8	2 588.5	2 656.7	7 441.6	2 490.1	2 392.4	2 559.2
INDIANA.....	4 289.9	1 496.5	1 418.0	1 375.4	3 950.2	1 406.5	1 270.9	1 272.8
ILLINOIS.....	7 854.1	2 885.3	2 356.6	2 612.2	7 388.4	2 770.9	2 151.8	2 465.5
MICHIGAN.....	5 086.0	1 181.8	1 956.9	1 947.3	4 740.9	1 178.8	1 841.4	1 720.8
WISCONSIN.....	2 888.6	1 017.6	855.9	1 015.1	2 696.8	964.0	779.2	953.7
WEST NORTH CENTRAL DIVISION.....	7 006.1	2 340.6	2 114.1	2 551.4	6 315.2	2 207.6	1 794.9	2 312.9
MINNESOTA.....	1 652.4	601.6	445.6	6 051.2	1 557.9	575.7	417.8	564.4
IOWA.....	1 452.2	525.7	419.1	507.4	1 302.7	497.8	349.7	455.2
MISSOURI.....	2 421.6	655.5	868.4	897.7	2 166.7	625.8	716.5	824.4
NORTH DAKOTA.....	65.2	31.9	12.7	20.6	74.8	37.1	21.2	16.6
SOUTH DAKOTA.....	59.8	23.7	12.2	23.9	50.3	20.7	9.8	19.8
NEBRASKA.....	501.3	215.8	118.7	166.8	439.3	189.5	95.9	153.9
KANSAS.....	853.6	286.4	237.3	329.9	723.5	261.0	184.0	278.6
SOUTH REGION.....	28 046.5	9 673.7	7 393.9	10 979.1	26 528.0	9 332.2	6 932.5	10 263.4
SOUTH ATLANTIC DIVISION.....	13 892.7	4 299.8	3 436.3	6 156.8	13 046.3	4 172.9	3 153.7	5 719.8
DELAWARE.....	330.2	126.9	87.5	115.8	300.7	122.0	79.9	98.7
MARYLAND.....	1 341.0	520.2	365.2	455.6	1 302.5	493.0	355.2	454.3
DISTRICT OF COLUMBIA.....	35.7	11.1	10.4	14.1	34.9	10.5	10.1	14.3
VIRGINIA.....	2 612.0	548.4	495.3	1 568.4	2 273.9	521.5	402.0	1 350.3
WEST VIRGINIA.....	686.5	274.9	196.5	215.2	689.7	286.3	178.7	224.7
NORTH CAROLINA.....	3 815.1	978.7	896.0	1 940.4	3 578.0	949.3	801.1	1 827.9
SOUTH CAROLINA.....	1 420.7	506.0	446.4	468.3	1 364.2	521.0	410.2	433.2
GEORGIA.....	2 121.1	761.8	509.8	849.5	2 117.9	740.6	539.3	837.8
FLORIDA.....	1 530.3	571.7	429.1	529.5	1 384.5	528.7	377.2	478.6
EAST SOUTH CENTRAL DIVISION.....	6 748.9	2 625.7	1 798.4	2 324.8	6 229.7	2 411.5	1 640.5	2 177.6
KENTUCKY.....	2 060.5	917.8	431.0	711.7	1 875.2	850.7	369.3	655.1
TENNESSEE.....	2 361.7	887.9	703.1	770.7	2 163.7	784.7	668.7	710.3
ALABAMA.....	1 466.9	556.2	363.2	545.5	1 395.0	513.0	345.8	536.2
MISSISSIPPI.....	859.8	263.8	299.1	296.9	795.8	263.1	256.7	276.0
WEST SOUTH CENTRAL DIVISION.....	7 404.9	2 748.2	2 159.2	2 497.5	7 252.0	2 747.8	2 138.3	2 366.0
ARKANSAS.....	949.4	389.9	199.3	360.2	866.9	370.7	180.8	315.4
LOUISIANA.....	1 027.7	413.9	243.7	370.0	1 010.2	419.5	231.2	359.5
OKLAHOMA.....	766.8	276.9	225.4	264.4	688.6	251.9	202.4	234.3
TEXAS.....	4 661.2	1 667.5	1 490.8	1 502.9	4 686.3	1 705.7	1 523.9	1 456.8
WEST REGION.....	18 319.7	4 933.3	9 163.8	4 222.5	17 388.1	4 787.7	8 635.3	3 966.2
MOUNTAIN DIVISION.....	2 189.5	762.7	792.5	634.2	2 033.2	711.5	734.0	587.8
MONTANA.....	161.8	60.4	54.0	47.4	168.4	61.7	58.3	48.4
IDAHO.....	245.3	109.2	49.2	87.0	225.4	104.2	42.1	79.1
WYOMING.....	55.8	27.6	12.9	15.3	48.6	26.2	9.4	13.2
COLORADO.....	674.6	233.9	235.1	205.5	641.9	231.0	221.5	189.4
NEW MEXICO.....	90.3	22.0	37.7	30.6	82.6	19.3	36.8	26.5
ARIZONA.....	580.3	199.6	256.9	123.8	499.3	163.5	227.0	108.8
UTAH.....	315.7	88.6	123.7	103.5	303.5	83.8	120.7	99.0
NEVADA.....	65.7	21.4	23.1	21.2	63.5	21.8	18.2	23.4
PACIFIC DIVISION.....	16 130.2	4 170.6	8 371.3	3 588.3	15 354.9	4 076.2	79 901.3	3 378.4
WASHINGTON.....	2 808.3	470.5	1 901.6	436.2	2 953.8	494.6	2 061.9	397.2
OREGON.....	875.2	359.9	198.9	316.3	877.1	394.6	186.2	296.4
CALIFORNIA.....	12 296.8	3 280.8	6 253.7	2 762.5	11 363.8	3 120.0	5 637.0	2 606.8
ALASKA.....	45.2	15.5	3.1	26.6	54.2	23.4	2.8	28.0
HAWAII.....	104.7	43.9	14.0	46.8	106.0	43.6	12.4	50.0

Note: Detailed figures may not add to totals because of independent rounding.

¹Indicates revision of 3 percent or more from data published in the final State report (see Introduction).

Expenditures for Plant and Equipment

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EXPLANATORY TEXT

In the 1972 census, manufacturers were asked to report expenditures made during the year for permanent additions and major alterations to their plants, as well as for new machinery and equipment purchases, that were chargeable to fixed asset accounts of manufacturing establishments and were of a type for which depreciation accounts are ordinarily maintained. Expenditures for machinery and equipment were to include those made for replacement purposes, as well as for additions to plant capacity. Excluded from such expenditure totals are costs of maintenance and repairs charged as current operating expense; new facilities and equipment leased from nonmanufacturing concerns; new facilities owned by the Federal Government but operated under contract by private companies; and plant and equipment furnished to the manufacturer by communities and organizations.

In addition to total capital expenditures, respondents were requested to indicate the following subtotals: (a) New structures and additions to plant (including major alterations and capitalized repairs and improvements); (b) new machinery and new equipment (including capitalized repairs and improvements); and (c) expenditures for used plant and used equipment acquired from others (including the U.S. Government). The figures include (a) the expenditures made at manufacturing plants that were in operation during any part of the year, plus (b) expenditures made at plants that were under construction but not as yet in production.

The Census Bureau estimates of capital expenditures differ from those published in the joint Bureau of Economic Analysis-Securities and Exchange Commission survey. In addition to normal sampling variation, a major source of differences is to be found in the scope of the two series. Census data relate only to manufacturing establishments, whereas the BEA-SEC series covers all establishments of manufacturing companies—nonmanufacturing as well as manufacturing. On the other hand, manufacturing establishments of companies engaged primarily in nonmanufacturing activities are excluded from the BEA-SEC series but included in Census figures. Both series, it should be noted, exclude expenditures for plant and equipment at establishments owned by the Federal Government but operated under lease or contract by private companies.

Data in this publication may differ slightly from the industry and area reports previously published. These differences are due to corrections which were made for minor errors identified after the industry and area reports were issued. This report reflects these corrections.

TABLE 1. Manufacturers' Expenditures for Plant and Equipment: 1972 and Earlier Years

(Millions of dollars, except employees)

Year ¹	Expenditures for new plant and equipment ²			Expenditures for used plant and equipment	All employees ³ (1,000)	Value added by manufacture ⁴ (f)	Indexes of change (1958 = 100) for data in—		
	Total	New structures and additions to plant	New machinery and equipment				Column a	Column e	Column f
1972.....	24,073.1	5,369.8	18,703.3	1,296.7	18,032.4	353,993.8	252	117	250
1971 ⁵	20,940.7	5,341.9	15,598.8	(NA)	17,426.3	314,138.4	219	113	222
1970 ⁵	22,164.3	5,755.5	16,408.7	(NA)	18,289.5	300,227.6	232	119	212
1969 ⁵	22,291.4	5,806.3	16,485.1	(NA)	19,155.6	304,440.7	234	124	215
1968 ⁵	20,613.1	5,293.8	15,319.3	(NA)	18,681.0	285,058.9	216	121	201
1967.....	21,503.0	5,714.0	15,789.0	967.6	18,492.0	261,983.8	225	120	185
1966 ⁵	20,235.8	5,229.8	15,006.0	(NA)	18,220.3	250,880.1	212	118	177
1965 ⁵	16,615.0	4,185.7	12,429.4	(NA)	17,250.5	226,939.9	174	112	160
1964 ⁵	13,294.3	3,269.4	10,024.9	(NA)	16,485.7	206,193.6	139	107	146
1963.....	11,370.0	2,965.5	8,404.4	706.5	16,231.9	192,082.9	119	105	136
1962 ⁵	10,436.2	2,731.1	7,705.2	(NA)	16,154.7	179,071.1	109	105	127
1961 ⁵	9,779.8	2,749.0	7,030.8	(NA)	15,729.6	164,281.1	102	102	116
1960 ⁵	10,097.8	2,818.4	7,279.4	(NA)	16,149.9	163,998.5	106	105	116
1959 ⁵	9,140.0	2,581.9	6,558.1	(NA)	16,062.9	161,535.8	96	104	114
1958.....	9,543.5	3,235.1	6,308.4	521.6	15,423.1	141,540.6	100	100	100
1957 ⁵	12,144.0	3,864.8	8,279.2	(NA)	16,621.1	147,838.4	127	108	104
1956 ⁵	11,233.2	3,471.5	7,761.7	(NA)	16,694.4	144,909.3	118	108	102
1955 ⁵	8,233.1	2,425.5	5,807.6	(NA)	16,335.5	135,022.5	86	106	95
1954.....	8,200.7	2,459.0	5,741.8	381.4	15,645.5	117,032.3	86	101	83
1953 ⁵	8,047.9	2,585.3	5,462.6	(NA)	16,693.1	121,659.1	84	108	86
1952 ⁵	7,883.4	2,579.1	5,304.3	(NA)	15,732.7	109,162.1	82	102	77
1951 ⁵	7,781.7	2,593.2	5,188.5	(NA)	15,309.6	102,085.8	82	99	72
1950 ^{2 5}	5,041.3	1,399.7	3,641.6	(NA)	14,467.1	89,749.8	53	94	63
1949 ^{2 5}	5,066.9	1,567.2	3,499.7	(NA)	13,566.9	75,366.5	53	88	53
1947 ^{2 6}	5,998.1	2,122.1	3,876.0	663.2	14,294.0	74,290.5	63	93	52

(NA) Not available.

¹The 1958 through 1972 figures include establishments classified in industry 3273, Ready-Mixed Concrete, and industry 3599, Miscellaneous Machinery, Except Electrical, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for the period 1947 to 1957. The 1954 to 1972 figures include data for establishments engaged in the processing and distribution of fluid milk, industry group 202, Dairies. These establishments were not included in the figures for earlier years. The 1954 through 1972 figures include data for Logging Camps and Contractors, industry 2411, which were not included within the scope of the 1947 census and 1949 to 1953 annual survey years. In addition, the figures for 1957 and earlier years do not include data for Alaska and Hawaii.

²The figures for 1951 to 1972 include expenditures for plants under construction and not yet in operation. This information was not collected prior to 1951.

³Represents employment at operating manufacturing establishments. Figures for central administrative offices and auxiliary units are not included.

⁴For the period 1954 to 1972, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year.

⁵The expenditures figures for 1949 to 1953, 1955 to 1957, 1959 to 1962, 1964 to 1966, and 1968 to 1971 are estimates derived from a sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates do not exceed 1 percent.

⁶In 1947, very small establishments that accounted for approximately 1.6 percent of the total value added by manufacture did not report expenditure data and are not represented in the 1947 figures. See 1947 Census of Manufactures, Volume I, Chapter VI, for a measure of undercoverage by industry.

TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Group and Industry:
1972 and 1967

(Millions of dollars)

1972 code	Industry group and industry	1972				1967			
		Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment	Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment
		Total	New struc- tures and additions to plant	New machinery and equipment		Total	New struc- tures and additions to plant	New machinery and equipment	
	ALL INDUSTRIES, TOTAL.	24 073.1	5 369.8	18 703.3	1 296.7	21 503.0	5 714.0	15 789.0	967.6
20	FOOD AND KINDRED PRODUCTS.	2 355.0	608.8	1 746.2	104.5	1 730.1	466.1	1 264.0	91.6
201	MEAT PRODUCTS.	299.6	117.8	181.8	12.9	197.0	73.7	123.4	11.5
2011	MEATPACKING PLANTS.	167.7	70.8	96.9	6.4	109.4	45.2	64.2	7.4
2013	SAUSAGES AND OTHER PREPARED MEATS.	74.0	28.2	45.8	4.5	30.4	7.9	22.5	2.6
2016	POULTRY DRESSING PLANTS.	45.5	13.5	32.0	1.7				
2017	POULTRY AND EGG PROCESSING.	12.4	5.3	7.1	.4	57.2	20.6	36.7	1.5
202	DAIRY PRODUCTS.	274.7	70.2	204.5	14.6	194.4	51.4	143.0	18.6
2021	CREAMERY BUTTER.	7.8	1.6	6.2	.2	9.5	2.0	7.4	1.2
2022	CHEESE, NATURAL AND PROCESSED.	49.9	19.0	30.9	2.3	17.3	5.2	12.1	2.4
2023	CONDENSED AND EVAPORATED MILK.	32.1	10.7	21.3	1.1	20.8	8.2	12.6	1.9
2024	ICE CREAM AND FROZEN DESSERTS.	35.8	7.5	28.3	.8	26.6	5.7	20.9	1.3
2026	FLUID MILK.	149.2	31.3	117.8	10.1	120.3	30.2	90.0	11.8
203	PRESERVED FRUITS AND VEGETABLES.	358.4	101.6	256.8	22.8	234.6	64.4	170.2	9.0
2032	CANNED SPECIALTIES.	44.1	11.4	32.7	.5	28.1	7.2	20.9	.3
2033	CANNED FRUITS AND VEGETABLES.	113.1	30.8	82.4	15.9	101.9	25.0	76.9	4.3
2034	DEHYD. FRUITS, VEGETABLES, SOUPS.	18.9	3.3	15.6	.9	14.6	3.4	11.1	.2
2035	PICKLES, SAUCES, SALAD DRESSINGS.	43.4	17.8	25.7	1.4	14.9	4.1	10.8	.8
2037	FROZEN FRUITS AND VEGETABLES.	57.8	12.5	45.3	2.1	75.1	24.7	50.5	3.4
2038	FROZEN SPECIALTIES.	81.0	26.0	55.1	2.0				
204	GRAIN MILL PRODUCTS.	266.6	65.9	200.7	10.4	181.1	47.3	133.8	8.6
2041	FLOUR, OTHER GRAIN MILL PRODUCTS.	30.0	7.1	22.9	.5	26.3	6.3	20.0	.5
2043	CEREAL BREAKFAST FOODS.	24.9	6.7	18.2	(Z)	18.4	3.3	15.1	.4
2044	RICE MILLING.	6.3	1.5	4.8	.1	9.8	4.5	5.3	(Z)
2045	BLENDED AND PREPARED FLOUR.	13.7	4.2	9.5	.4	10.5	2.2	8.3	.3
2046	WET CORN MILLING.	59.7	9.3	50.4	.2	40.5	9.7	30.8	2.0
2047	DOG, CAT, AND OTHER PET FOOD.	61.1	18.8	42.3	5.8				
2048	PREPARED FEEDS, NEC.	70.8	18.3	52.6	3.5	75.6	21.4	54.2	5.3
205	BAKERY PRODUCTS.	207.3	42.2	165.1	9.2	152.0	29.1	122.9	9.1
2051	BREAD, CAKE, AND RELATED PRODUCTS.	170.6	36.8	133.8	6.9	127.9	23.8	104.2	8.2
2052	COOKIES AND CRACKERS.	36.7	5.4	31.3	2.3	24.0	5.3	18.7	.9
206	SUGAR, CONFECTIONERY PRODUCTS.	186.2	36.5	149.6	8.4	156.8	33.0	123.8	4.0
2061	RAW CANE SUGAR.	28.8	2.4	26.4	1.5	21.4	4.9	16.5	.4
2062	CANE SUGAR REFINING.	23.6	2.8	20.8	(Z)	24.1	2.9	21.2	.4
2063	BET SUGAR.	34.9	3.0	31.9	1.0	35.7	4.4	31.3	.8
2065	CONFECTIONERY PRODUCTS.	53.4	13.4	40.1	3.9	53.0	14.2	38.8	1.5
2066	CHOCOLATE AND COCOA PRODUCTS.	26.5	9.1	17.4	.2	9.3	2.7	6.6	.1
2067	CHEWING GUM.	19.0	5.9	13.1	1.8	13.3	3.9	9.4	.8
207	FATS AND OILS.	121.4	25.1	96.3	3.0	79.0	15.1	63.8	13.9
2074	COTTONSEED OIL MILLS.	9.9	3.0	6.9	.3	4.9	1.0	3.9	.1
2075	SOYBEAN OIL MILLS.	41.9	9.5	32.4	(Z)	21.2	3.2	17.9	1.1
2076	VEGETABLE OIL MILLS, NEC.	3.0	1.1	1.9	(Z)	1.9	.4	1.5	.1
2077	ANIMAL AND MARINE FATS AND OILS.	31.0	6.7	24.3	1.2	21.7	4.4	17.4	1.1
2079	SHORTENING AND COOKING OILS.	35.5	4.7	30.8	1.5	29.3	6.1	23.1	11.5
208	BEVERAGES.	468.2	102.8	365.4	16.7	370.2	105.2	265.0	12.6
2082	MALT BEVERAGES.	155.6	39.8	115.8	2.5	140.4	45.2	95.1	4.1
2083	MALT.	7.9	1.6	6.3	.7	7.1	2.8	4.2	1.1
2084	WINES, BRANDY, AND BRANDY SPIRITS.	43.7	11.7	32.0	.7	10.3	3.5	6.8	.3
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	32.8	7.1	25.7	.6	27.0	9.6	17.4	.1
2086	BOTTLED AND CANNED SOFT DRINKS.	207.1	35.8	171.2	11.4	168.1	40.6	127.5	6.6
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	21.1	6.7	14.4	1.6	17.4	3.5	13.9	.4
209	MISC. FOODS, KINDRED PRODUCTS.	172.5	46.6	125.9	6.4	164.8	46.8	117.9	4.3
2091	CANNED AND CURED SEAFOODS.	15.5	5.7	9.8	.6	9.4	2.3	7.1	.4
2092	FRESH OR FROZEN PACKAGED FISH.	17.8	5.8	12.1	3.2	8.7	2.8	5.8	.7
2095	ROASTED COFFEE.	31.5	6.0	25.5	.2	50.0	8.5	41.5	.7
2097	MANUFACTURED ICE.	8.9	2.9	6.0	.2	4.8	1.4	3.4	.3
2098	MACARONI AND SPAGHETTI.	7.1	.7	6.3	.1	5.2	.6	4.6	(Z)
2099	FOOD PREPARATIONS, NEC.	91.8	25.6	66.2	2.1	86.7	31.2	55.5	2.2
21	TOBACCO PRODUCTS.	133.2	53.0	80.2	2.6	52.9	11.1	41.9	1.3
2111	CIGARETTES.	101.5	44.9	56.6	1.0	33.8	4.2	29.6	.9
2121	CIGARS.	5.4	.8	4.6	.2	5.4	1.3	4.1	.3
2131	CHEWING AND SMOKING TOBACCO.	12.1	4.3	7.9	.2	1.5	.1	1.4	.1
2141	TOBACCO STEMMING AND REDRYING.	14.1	3.0	11.2	1.2	12.2	5.5	6.8	.1
22	TEXTILE MILL PRODUCTS.	1 127.4	217.9	909.5	93.8	733.1	166.2	566.9	52.7
2211	WEAVING MILLS, COTTON.	72.7	11.1	61.6	3.4	171.5	35.7	135.8	10.9
2221	WEAVING MILLS, MANMADE FIBER, SILK.	136.2	22.3	113.9	15.5	111.1	27.8	83.2	7.5
2231	WEAVING AND FINISHING MILLS, WOOL.	11.6	3.5	8.1	3.7	28.0	5.7	22.2	2.1
2241	NARROW FABRIC MILLS.	11.2	2.4	8.9	3.3	15.7	3.5	12.2	1.3
225	KNITTING MILLS.	401.6	63.4	338.2	28.8	119.4	25.1	94.2	9.8
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	15.9	2.8	13.1	5.5	27.5	6.4	21.1	.9
2252	HOSIERY, NEC.	12.5	3.1	9.3	1.9	9.4	2.1	7.3	2.2
2253	KNIT OUTERWEAR MILLS.	45.9	9.6	36.3	6.7	28.5	7.1	21.4	2.3
2254	KNIT UNDERWEAR MILLS.	7.0	1.6	5.5	.7	7.2	1.6	5.6	.2
2257	CIRCULAR KNIT FABRIC MILLS.	270.1	34.5	235.6	11.1				
2258	WARP KNIT FABRIC MILLS.	48.2	11.5	36.6	3.0	45.5	7.9	37.6	4.0
2259	KNITTING MILLS, NEC.	2.0	.2	1.8	(Z)	1.3	(Z)	1.3	(Z)
226	TEXTILE FINISHING, EXCEPT WOOL.	115.5	28.0	87.5	5.5	55.9	10.6	45.3	3.0
2261	FINISHING PLANTS, COTTON.	31.5	8.0	23.5	.6	27.4	4.9	22.6	.7
2262	FINISH. PLTS, MANMADE FIBER, SILK.	48.8	10.6	38.1	1.1	20.2	4.1	16.2	1.8
2269	FINISHING PLANTS, NEC.	35.2	9.4	25.9	3.8	8.2	1.6	6.6	.5
227	FLOOR COVERING MILLS.	74.7	23.0	51.6	2.1	45.5	18.6	26.9	4.0
2271	WOVEN CARPETS AND RUGS.	3.2	.6	2.6	(Z)	6.3	2.0	4.2	.6
2272	TUFTED CARPETS AND RUGS.	67.1	21.7	45.4	2.0	33.6	13.9	19.8	3.3
2279	CARPETS AND RUGS, NEC.	4.3	.7	3.6	(Z)	5.6	2.7	2.9	.1

See footnotes at end of table.

TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Group and Industry:
1972 and 1967—Continued

(Millions of dollars)

1972 code	Industry group and industry	1972				1967			
		Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment	Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment
		Total	New struc- tures and additions to plant	New machinery and equipment		Total	New struc- tures and additions to plant	New machinery and equipment	
22	TEXTILE MILL PRODUCTS--CONTINUED								
228	YARN AND THREAD MILLS.	221.7	46.4	175.3	20.9	127.9	28.3	99.6	9.1
2281	YARN MILLS, EXCEPT WOOL.	96.3	16.5	79.8	12.2	89.4	19.4	70.0	4.9
2282	THROWING AND WINDING MILLS.	113.7	27.7	86.0	13.1	18.0	5.8	12.2	2.9
2283	WOOL YARN MILLS.	4.2	.5	3.6	.6	8.9	1.0	7.9	1.1
2284	THREAD MILLS.	7.5	1.6	5.8	.9	11.6	2.2	9.4	.1
229	MISCELLANEOUS TEXTILE GOODS.	82.3	17.8	64.4	4.5	58.1	10.8	47.4	5.0
2291	FELT GOODS, EXC. WOVEN FELT, HATS.	2.8	.5	2.3	(Z)	3.2	.4	2.7	.1
2292	LACE GOODS.	1.7	.2	1.5	.3	2.0	.4	1.6	.1
2293	PADDINGS AND UPHOLSTERY FILLING.	2.9	.6	2.3	.4	3.4	.5	2.9	.1
2294	PROCESSED TEXTILE WASTE.	3.2	.7	2.5	1.1	1.6	.4	1.1	.2
2295	COATED FABRICS, NOT RUBBERIZED.	29.6	6.7	22.9	.5	17.0	4.9	12.1	.3
2296	TIRE CORD AND FABRIC.	8.8	2.0	6.8	.1	15.2	1.7	13.5	.3
2297	NONWOVEN FABRICS.	15.0	2.8	12.2	.5	(NA)	(NA)	(NA)	(NA)
2298	CORDAGE AND TWINE.	4.9	1.0	3.9	1.0	4.4	.8	3.6	.4
2299	TEXTILE GOODS, NEC.	13.4	3.4	10.0	.6	(NA)	(NA)	(NA)	(NA)
23	APPAREL, OTHER TEXTILE PRODS.	363.5	101.8	261.7	24.7	208.3	57.9	150.5	17.9
2311	MEN'S AND BOYS' SUITS AND COATS.	22.5	7.4	15.1	1.0	15.7	5.0	10.7	1.1
232	MEN'S AND BOYS' FURNISHINGS.	90.2	24.6	65.7	4.6	53.5	16.3	37.1	3.8
2321	MEN'S, BOYS' SHIRTS, NIGHTWEAR.	24.1	5.0	19.1	1.1	14.6	3.1	11.6	1.8
2322	MEN'S AND BOYS' UNDERWEAR.	5.7	.6	5.1	.1	5.9	1.7	4.3	.2
2323	MEN'S AND BOYS' NECKWEAR.	4.0	2.1	1.9	(Z)	.8	.2	.5	(Z)
2327	MEN'S AND BOYS' SEPARATE TROUSERS.	22.2	6.1	16.1	.6	16.3	6.3	10.0	1.0
2328	MEN'S AND BOYS' WORK CLOTHING.	24.1	7.4	16.7	2.1	10.7	3.6	7.1	.3
2329	MEN'S AND BOYS' CLOTHING, NEC.	10.1	3.4	6.8	.7	5.1	1.5	3.7	.4
233	WOMEN'S AND MISSES' OUTERWEAR.	98.3	33.9	64.4	5.9	42.3	10.4	31.9	3.6
2331	WOMEN'S, MISSES' BLOUSES, WAISTS.	30.0	15.3	14.7	.7	6.2	1.9	4.3	.4
2335	WOMEN'S AND MISSES' DRESSES.	32.6	8.8	23.8	2.9	18.6	3.8	14.8	2.2
2337	WOMEN'S, MISSES' SUITS AND COATS.	16.4	4.6	11.8	.7	9.5	2.9	6.6	.4
2339	WOMEN'S, MISSES' OUTERWEAR, NEC.	19.3	5.2	14.1	1.6	8.1	1.9	6.2	.6
234	WOMEN'S, CHILDREN'S UNDERGARMS.	24.0	5.6	18.4	5.2	17.8	5.4	12.4	.8
2341	WOMEN'S AND CHILDREN'S UNDERWEAR.	19.3	4.5	14.8	4.7	11.0	3.4	7.6	.4
2342	BRASSIERES AND ALLIED GARMENTS.	4.6	1.1	3.6	.5	6.7	2.0	4.7	.4
235	HATS, CAPS, AND MILLINERY.	2.2	.5	1.7	.2	2.3	.3	2.0	.6
2351	MILLINERY. . . . .	.3	.1	.2	(Z)	.5	.1	.4	(Z)
2352	HATS AND CAPS, EXCEPT MILLINERY.	1.9	.5	1.5	.2	1.8	.2	1.6	.5
236	CHILDREN'S OUTERWEAR.	19.8	4.6	15.2	.4	9.1	2.2	6.9	.5
2361	CHILDREN'S DRESSES AND BLOUSES.	12.9	2.4	10.5	.2	3.4	.5	3.0	.1
2363	CHILDREN'S COATS AND SUITS. . . . .	.8	.1	.7	.1	1.4	.3	1.1	.2
2369	CHILDREN'S OUTERWEAR, NEC.	6.1	2.1	4.0	.1	4.3	1.5	2.8	.2
2371	FUR GOODS.	1.1	.2	.9	(Z)	1.1	.1	1.0	.1
238	MISC. APPAREL AND ACCESSORIES.	14.9	4.2	10.7	.6	10.5	2.2	8.3	1.2
2381	FABRIC DRESS AND WORK GLOVES.	1.9	.6	1.3	.1	1.8	.6	1.2	.1
2384	ROBES AND DRESSING GOWNS.	2.0	.8	1.3	(Z)	1.5	.2	1.3	.1
2385	WATERPROOF OUTERGARMENTS.	2.4	.6	1.8	.1	2.9	.5	2.4	.1
2386	LEATHER AND SHEEP LINED CLOTHING.	2.5	.8	1.7	(Z)	.5	.1	.5	.7
2387	APPAREL BELTS.	3.2	.9	2.3	(Z)	.9	.1	.8	(Z)
2389	APPAREL AND ACCESSORIES, NEC.	2.8	.5	2.3	.3	2.9	.7	2.3	(Z)
239	MISC. FABRICATED TEXTILE PRODS.	90.4	20.7	69.7	7.0	56.1	15.8	40.3	5.9
2391	CURTAINS AND DRAPERIES.	9.5	2.6	6.9	.4	3.9	1.5	2.4	.2
2392	HOUSEFURNISHINGS, NEC.	29.9	8.0	21.9	1.3	11.9	2.4	9.5	2.3
2393	TEXTILE BAGS.	5.5	.8	4.7	.7	1.9	.7	1.2	.4
2394	CANVAS AND RELATED PRODUCTS.	4.0	1.1	2.9	.4	3.4	1.4	2.1	.4
2395	PLEATING AND STITCHING.	3.2	.5	2.6	.3	1.5	.3	1.2	.2
2396	AUTOMOTIVE AND APPAREL TRIMMINGS.	10.4	2.1	8.3	3.2	13.4	3.3	10.1	1.3
2397	SCHIFFLI MACHINE EMBROIDERIES.	2.2	.4	1.8	.2	.5	(Z)	.4	.3
2399	FABRICATED TEXTILE PRODUCTS, NEC.	25.9	5.2	20.7	.5	19.6	6.2	13.4	.8
24	LUMBER AND WOOD PRODUCTS.	931.2	227.2	704.0	69.2	(NA)	(NA)	(NA)	(NA)
2411	LOGGING CAMPS, LOG CONTRACTORS.	157.0	26.8	130.2	15.2	101.5	13.6	87.9	8.2
242	SAWMILLS AND PLANING MILLS.	329.6	68.8	260.7	21.5	144.9	29.2	115.7	15.3
2421	SAWMILLS, PLANING MILLS, GENERAL.	307.1	63.0	244.2	19.1	130.0	25.1	104.9	13.9
2426	HARDWOOD DIMENSION AND FLOORING.	16.8	4.7	12.1	1.6	12.2	3.6	8.5	1.1
2429	SPECIAL PRODUCT SAWMILLS, NEC.	5.7	1.2	4.5	.8	(NA)	(NA)	(NA)	(NA)
243	MILLWORK, PLYWOOD, STRUC. MEMBS.	194.8	51.4	143.4	13.3	(NA)	(NA)	(NA)	(NA)
2431	MILLWORK.	57.2	21.2	35.9	4.7	(NA)	(NA)	(NA)	(NA)
2434	WOOD KITCHEN CABINETS.	28.3	10.8	17.5	1.7	(NA)	(NA)	(NA)	(NA)
2435	HARDWOOD VENEER AND PLYWOOD.	32.1	6.6	25.6	2.0	(NA)	(NA)	(NA)	(NA)
2436	SOFTWOOD VENEER AND PLYWOOD.	65.4	9.0	56.5	2.3	(NA)	(NA)	(NA)	(NA)
2439	STRUCTURAL WOOD MEMBERS, NEC.	11.8	3.8	8.0	2.5	(NA)	(NA)	(NA)	(NA)
244	WOOD CONTAINERS.	21.2	4.9	16.2	2.8	(NA)	(NA)	(NA)	(NA)
2441	NAILED WOOD BOXES AND SHOOK.	6.4	1.7	4.8	.6	5.0	1.9	3.1	1.0
2448	WOOD PALLETS AND SKIDS.	11.2	2.5	8.7	1.3	(NA)	(NA)	(NA)	(NA)
2449	WOOD CONTAINERS, NEC.	3.6	.8	2.8	.8	4.9	1.4	3.6	.1
245	WOOD BUILDINGS AND MOBILE HOMES.	93.0	49.1	43.9	6.7	(NA)	(NA)	(NA)	(NA)
2451	MOBILE HOMES.	63.4	34.8	28.6	5.1	(NA)	(NA)	(NA)	(NA)
2452	PREFABRICATED WOOD BUILDINGS.	29.6	14.3	15.3	1.6	(NA)	(NA)	(NA)	(NA)
249	MISCELLANEOUS WOOD PRODUCTS.	135.7	26.2	109.5	9.8	(NA)	(NA)	(NA)	(NA)
2491	WOOD PRESERVING.	14.8	2.2	12.6	6.2	10.7	1.4	9.3	.5
2492	PARTICLEBOARD.	34.6	2.7	31.9	.2	(NA)	(NA)	(NA)	(NA)
2499	WOOD PRODUCTS, NEC.	86.3	21.4	65.0	3.3	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Group and Industry:
1972 and 1967—Continued

1972 code	Industry group and industry	1972				1967			
		Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment	Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment
		Total	New struc- tures and additions to plant	New machinery and equipment		Total	New struc- tures and additions to plant	New machinery and equipment	
25	FURNITURE AND FIXTURES	306.2	115.7	190.4	14.5	198.0	85.2	112.9	12.4
251	HOUSEHOLD FURNITURE	202.6	77.3	125.4	8.6	(NA)	(NA)	(NA)	(NA)
2511	WOOD HOUSEHOLD FURNITURE	93.8	35.4	58.4	3.6	(NA)	(NA)	(NA)	(NA)
2512	UPHOLSTERED HOUSEHOLD FURNITURE	54.7	26.5	28.2	1.7	(NA)	(NA)	(NA)	(NA)
2514	METAL HOUSEHOLD FURNITURE	16.9	4.0	12.9	1.7	10.1	2.7	7.4	2.2
2515	MATTRESSES AND BEDSPRINGS	20.7	7.5	13.3	.7	10.3	4.3	6.0	.5
2517	WOOD TV AND RADIO CABINETS	9.5	2.6	6.9	.1	(NA)	(NA)	(NA)	(NA)
2519	HOUSEHOLD FURNITURE, NEC	7.0	1.3	5.8	.7	1.3	.7	.6	(2)
252	OFFICE FURNITURE	31.8	15.9	15.9	1.2	37.2	18.7	18.5	.3
2521	WOOD OFFICE FURNITURE	7.3	4.7	2.6	.4	5.7	2.8	2.9	.1
2522	METAL OFFICE FURNITURE	24.5	11.2	13.3	.9	31.5	15.9	15.6	.2
2531	PUBLIC BLDG., RELATED FURNITURE	13.0	3.7	9.3	1.2	10.0	4.4	5.6	.7
254	PARTITIONS AND FIXTURES	34.0	10.8	23.1	2.9	28.0	14.5	13.5	2.8
2541	WOOD PARTITIONS AND FIXTURES	14.6	4.5	10.1	1.6	8.1	3.8	4.3	1.0
2542	METAL PARTITIONS AND FIXTURES	19.4	6.3	13.1	1.3	19.9	10.7	9.2	1.8
259	MISC. FURNITURE AND FIXTURES	24.7	8.0	16.7	.5	10.1	3.9	6.2	.5
2591	DRAPERY HARDWARE, BLINDS, SHADES	9.9	1.1	8.8	.1	6.5	2.9	3.7	(2)
2599	FURNITURE AND FIXTURES, NEC	14.8	6.9	7.9	.4	3.5	1.0	2.5	.4
26	PAPER AND ALLIED PRODUCTS	1 335.3	197.5	1 137.8	50.3	1 585.3	301.6	1 283.8	62.9
2611	PULPMILLS	136.4	18.3	118.1	.3	121.8	10.8	111.0	2.2
2621	PAPERMILLS, EXCEPT BUILDING PAPER	372.3	39.5	332.8	10.7	581.3	68.5	512.8	9.6
2631	PAPERBOARD MILLS	313.5	27.1	286.4	3.4	398.6	89.0	309.5	1.2
264	MISC. CONVERTED PAPER PRODUCTS	288.6	72.0	216.7	13.0	225.8	61.6	164.2	13.8
2641	PAPER COATING AND GLAZING	52.3	9.7	42.7	.8	59.1	16.3	42.6	6.8
2642	ENVELOPES	17.4	3.6	13.8	2.5	13.4	1.8	11.7	1.6
2643	BAGS, EXCEPT TEXTILE BAGS	53.9	7.2	46.7	3.8	45.6	9.5	36.1	3.4
2645	DIE-CUT PAPER AND BOARD	10.6	3.1	7.5	1.0	9.0	2.0	6.9	.6
2646	PRESSED AND MOLDED PULP GOODS	7.0	.3	6.7	.1	17.6	4.5	13.1	.1
2647	SANITARY PAPER PRODUCTS	119.6	37.8	81.8	1.7	58.5	20.3	38.2	.3
2648	STATIONERY PRODUCTS	9.3	2.3	7.0	1.4	(NA)	(NA)	(NA)	(NA)
2649	CONVERTED PAPER PRODUCTS, NEC	18.5	8.0	10.6	1.7	(NA)	(NA)	(NA)	(NA)
265	PAPERBOARD CONTAINERS AND BOXES	205.5	38.3	167.2	22.6	237.5	65.9	171.6	33.4
2651	FOLDING PAPERBOARD BOXES	37.4	4.8	32.6	5.5	42.2	10.2	32.0	4.4
2652	SETUP PAPERBOARD BOXES	6.4	1.2	5.3	.9	6.1	1.3	4.8	1.3
2653	CORRUGATED AND SOLID FIBER BOXES	101.5	21.0	80.6	11.2	127.7	38.6	89.1	24.8
2654	SANITARY FOOD CONTAINERS	42.3	7.2	35.1	3.3	48.1	12.9	35.2	2.3
2655	FIBER CANS, DRUMS, SIMILAR PRODS	17.9	4.2	13.7	1.6	13.3	2.9	10.4	.6
2661	BUILDING PAPER AND BOARD MILLS	18.8	2.2	16.6	.2	20.3	5.7	14.5	2.7
27	PRINTING AND PUBLISHING	1 047.7	245.7	802.0	85.1	788.1	209.8	578.3	51.4
2711	NEWSPAPERS	359.5	106.0	253.5	26.7	246.7	74.4	172.4	18.3
2721	PERIODICALS	56.8	16.6	40.2	.9	58.0	24.8	33.2	1.7
273	BOOKS	82.3	16.5	65.8	4.4	101.0	32.9	68.1	2.6
2731	BOOK PUBLISHING	48.4	9.2	39.2	1.8	55.1	22.2	32.9	.4
2732	BOOK PRINTING	33.9	7.3	26.6	2.6	45.9	10.7	35.2	2.2
2741	MISCELLANEOUS PUBLISHING	22.7	5.5	17.2	.3	10.0	2.8	7.2	.5
275	COMMERCIAL PRINTING	377.8	67.7	310.0	39.6	(NA)	(NA)	(NA)	(NA)
2751	COMMERCIAL PRINTING, LITHOGRAPHIC	129.7	30.7	99.0	5.6	(NA)	(NA)	(NA)	(NA)
2752	COMMERCIAL PRINTING, LITHOGRAPHIC	220.6	34.6	186.0	31.8	(NA)	(NA)	(NA)	(NA)
2753	ENGRAVING AND PLATE PRINTING	5.1	.8	4.3	1.5	3.8	1.0	2.7	.5
2754	COMMERCIAL PRINTING, GRAVURE	22.5	1.7	20.8	.8	(NA)	(NA)	(NA)	(NA)
2761	MANIFOLD BUSINESS FORMS	45.8	5.9	39.9	8.4	(NA)	(NA)	(NA)	(NA)
2771	GREETING CARD PUBLISHING	46.4	16.8	29.6	.3	14.9	4.1	10.8	.8
278	BLANKBOOKS AND BOOKBINDING	25.6	5.5	20.1	1.6	25.1	3.6	21.5	1.6
2782	BLANKBOOKS AND LOOSELEAF BINDERS	14.4	4.1	10.4	.4	11.6	2.1	9.5	.9
2789	BOOKBINDING AND RELATED WORK	11.2	1.4	9.8	1.1	13.5	1.5	12.0	.7
279	PRINTING TRADE SERVICES	30.6	5.1	25.5	2.9	(NA)	(NA)	(NA)	(NA)
2791	TYPESETTING	14.2	2.1	12.2	1.1	13.2	1.7	11.5	1.7
2793	PHOTOENGRAVING	5.4	1.3	4.2	.6	6.3	.9	5.4	.5
2794	ELECTROTYPE AND STEREOTYPING . . . . .	.5	.1	.4	.1	.7	(2)	.7	.2
2795	LITHOGRAPHIC PLATEMAKING SERVICES	10.5	1.6	8.9	1.1	(NA)	(NA)	(NA)	(NA)
28	CHEMICALS AND ALLIED PRODUCTS	2 728.4	498.3	2 230.2	68.6	2 936.1	659.0	2 277.1	49.7
281	INDUSTRIAL INORGANIC CHEMICALS	333.4	34.8	298.7	5.4	(NA)	(NA)	(NA)	(NA)
2812	ALKALIES AND CHLORINE	61.5	6.7	54.8	.3	98.0	13.3	84.7	.1
2813	INDUSTRIAL GASES	84.1	6.0	78.0	.6	123.7	17.5	106.2	.6
2816	INORGANIC PIGMENTS	38.9	5.1	33.8	.3	20.8	3.1	17.7	.9
2819	INDUSTRIAL INORGANIC CHEM., NEC	149.0	17.0	132.0	4.2	(NA)	(NA)	(NA)	(NA)
282	PLASTICS MATERIALS, SYNTHETICS	693.9	94.3	599.7	13.6	(NA)	(NA)	(NA)	(NA)
2821	PLASTICS MATERIALS AND RESINS	253.2	45.5	207.8	2.9	(NA)	(NA)	(NA)	(NA)
2822	SYNTHETIC RUBBER	35.5	3.5	32.0	1.2	75.2	12.3	62.9	.5
2823	CELLULOSIC MANMADE FIBERS	32.7	1.8	30.9	(2)	51.6	10.6	41.0	.2
2824	ORGANIC FIBERS, NONCELLULOSIC	372.5	43.5	328.9	9.4	309.7	48.4	261.3	.7
283	DRUGS	245.3	85.1	160.3	11.5	217.9	91.9	126.0	7.5
2831	BIOLOGICAL PRODUCTS	27.2	15.2	12.0	3.9	12.1	5.2	7.0	.5
2833	MEDICINALS AND BOTANICALS	51.5	10.8	40.7	.1	36.2	7.4	28.8	.3
2834	PHARMACEUTICAL PREPARATIONS	166.7	59.1	107.6	7.5	169.6	79.3	90.2	6.7
284	SOAPS, CLEANERS, TOILET GOODS	236.1	57.5	178.6	12.6	(NA)	(NA)	(NA)	(NA)
2841	SOAP AND OTHER DETERGENTS	90.7	12.3	78.4	1.1	48.1	11.5	36.6	2.3
2842	POLISHES AND SANITATION GOODS	54.3	12.5	41.8	1.2	(NA)	(NA)	(NA)	(NA)
2843	SURFACE ACTIVE AGENTS	19.7	4.1	15.6	7.7	8.0	1.3	6.7	.1
2844	TOILET PREPARATIONS	71.4	28.6	42.8	2.6	52.7	28.4	24.3	5.1
2851	PAINTS AND ALLIED PRODUCTS	81.5	26.5	55.0	2.7	70.7	28.8	41.9	2.8

See footnotes at end of table.

TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Group and Industry:
1972 and 1967—Continued
(Millions of dollars)

1972 code	Industry group and industry	1972				1967			
		Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment	Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment
		Total	New struc- tures and additions to plant	New machinery and equipment		Total	New struc- tures and additions to plant	New machinery and equipment	
28	CHEMICALS AND ALLIED PRODUCTS-- CONTINUED								
286	INDUSTRIAL ORGANIC CHEMICALS . . .	831.6	127.3	704.3	5.0	937.9	180.9	757.0	10.5
2861	GUM AND WOOD CHEMICALS . . .	11.1	1.7	9.4	(Z)	20.6	3.7	16.9	.3
2865	CYCLIC CRUDES AND INTERMEDIATES . .	158.8	23.1	135.7	1.2	136.1	24.6	111.6	3.2
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC. .	661.7	102.5	559.2	3.7	781.2	152.6	628.5	7.0
287	AGRICULTURAL CHEMICALS . . .	155.8	32.0	123.7	13.9	(NA)	(NA)	(NA)	(NA)
2873	NITROGENOUS FERTILIZERS . . .	33.2	2.8	30.4	.4	(NA)	(NA)	(NA)	(NA)
2874	PHOSPHATIC FERTILIZERS . . .	65.8	14.0	51.9	12.9	(NA)	(NA)	(NA)	(NA)
2875	FERTILIZERS, MIXING ONLY . . .	17.2	4.4	12.8	.4	18.0	6.0	11.9	2.0
2879	AGRICULTURAL CHEMICALS, NEC. . .	39.5	10.8	28.7	.2	(NA)	(NA)	(NA)	(NA)
289	MISCELLANEOUS CHEMICAL PRODUCTS. .	150.8	40.8	110.0	3.9	(NA)	(NA)	(NA)	(NA)
2891	ADHESIVES AND SEALANTS . . .	24.9	6.8	18.1	.6	(NA)	(NA)	(NA)	(NA)
2892	EXPLOSIVES . . .	30.1	13.6	16.5	1.1	21.8	4.2	17.5	.7
2893	PRINTING INK . . .	12.6	3.0	9.6	.5	7.1	2.0	5.1	.5
2895	CARBON BLACK . . .	11.8	2.1	9.7	(Z)	23.4	3.6	19.8	.1
2899	CHEMICAL PREPARATIONS, NEC . . .	71.3	15.2	56.1	1.6	(NA)	(NA)	(NA)	(NA)
29	PETROLEUM AND COAL PRODUCTS. . .	1 154.2	625.2	529.0	17.3	999.3	560.3	438.9	14.9
2911	PETROLEUM REFINING . . .	1 061.6	603.5	458.1	9.9	956.3	547.8	408.6	10.9
295	PAVING AND ROOFING MATERIALS . . .	75.9	17.8	58.2	6.8	32.6	9.5	23.1	3.7
2951	PAVING MIXTURES AND BLOCKS . . .	56.3	14.6	41.8	6.0	23.8	7.9	15.9	3.6
2952	ASPHALT FELTS AND COATINGS . . .	19.6	3.2	16.4	.8	8.8	1.7	7.2	.1
299	MISC. PETROLEUM, COAL PRODUCTS . .	16.7	4.0	12.7	.6	10.3	3.1	7.3	.3
2992	LUBRICATING OILS AND GREASES . . .	13.7	3.5	10.2	.6	8.5	2.9	5.6	.2
2999	PETROLEUM AND COAL PRODUCTS, NEC .	3.0	.5	2.5	(Z)	1.8	.1	1.7	(Z)
30	RUBBER, MISC. PLASTICS PROD. . .	1 059.6	243.5	816.1	44.8	(NA)	(NA)	(NA)	(NA)
3011	TIRES AND INNER TUBES . . .	267.1	62.2	205.0	6.2	198.8	29.5	169.3	4.7
3021	RUBBER AND PLASTICS FOOTWEAR . . .	17.7	4.1	13.6	.5	(NA)	(NA)	(NA)	(NA)
3031	RECLAIMED RUBBER . . .	.7	(Z)	.6	.3	1.6	.3	1.3	(Z)
3041	RUBBER, PLASTICS HOSE AND BELTING. .	31.6	8.4	23.2	.7	(NA)	(NA)	(NA)	(NA)
3069	FABRICATED RUBBER PRODUCTS, NEC. .	88.5	19.3	69.3	5.9	(NA)	(NA)	(NA)	(NA)
3079	MISCELLANEOUS PLASTICS PRODUCTS. .	654.0	149.6	504.4	31.2	(NA)	(NA)	(NA)	(NA)
31	LEATHER AND LEATHER PRODUCTS . .	74.5	19.0	55.5	6.6	62.1	19.8	42.3	9.8
3111	LEATHER TANNING AND FINISHING. . .	16.3	3.6	12.7	1.2	16.7	5.2	11.6	.9
3131	BOOT, SHOE CUT STOCK AND FINDINGS. .	2.9	.8	2.1	.2	2.7	.8	1.9	.3
314	FOOTWEAR, EXCEPT RUBBER. . .	37.1	7.9	29.2	3.3	26.4	6.9	19.5	3.5
3142	HOUSE SLIPPERS . . .	1.6	.6	1.0	.1	1.3	.3	1.0	.1
3143	MEN'S FOOTWEAR, EXCEPT ATHLETIC. .	14.3	2.9	11.4	.7	(NA)	(NA)	(NA)	(NA)
3144	WOMEN'S FOOTWEAR, EXCEPT ATHLETIC. .	14.8	2.9	11.9	.8	(NA)	(NA)	(NA)	(NA)
3149	FOOTWEAR, EXCEPT RUBBER, NEC . . .	6.4	1.5	4.9	1.7	(NA)	(NA)	(NA)	(NA)
3151	LEATHER GLOVES AND MITTENS . . .	.5	.1	.4	(Z)	.8	.5	.3	.1
3161	LUGGAGE. . .	8.9	3.8	5.2	.3	8.8	4.9	4.0	3.9
317	WOMEN'S HANDBAGS AND PURSES. . .	6.5	2.3	4.2	.3	4.1	.7	3.4	.8
3171	WOMEN'S HANDBAGS AND PURSES. . .	3.7	1.2	2.5	.2	2.1	.4	1.7	.5
3172	PERSONAL LEATHER GOODS, NEC. . .	2.8	1.1	1.7	.1	2.0	.3	1.7	.2
3199	LEATHER GOODS, NEC . . .	2.2	.5	1.7	1.4	(NA)	(NA)	(NA)	(NA)
32	STONE, CLAY, GLASS PRODUCTS. . .	1 195.5	222.2	973.3	61.9	820.9	193.0	627.8	46.0
3211	FLAT GLASS . . .	95.0	11.8	83.3	.1	59.9	9.2	50.7	.2
322	GLASS, PRESSED OR BLOWN. . .	176.7	38.1	138.6	4.9	152.7	38.6	114.1	6.6
3221	GLASS CONTAINERS . . .	121.1	28.7	92.4	1.8	70.8	18.3	52.6	5.1
3229	PRESSED AND BLOWN GLASS, NEC . . .	55.6	9.4	46.2	3.0	81.9	20.4	61.5	1.4
3231	PRODUCTS OF PURCHASED GLASS. . .	34.5	7.7	26.8	1.2	21.9	5.5	16.4	1.2
3241	CEMENT, HYDRAULIC. . .	179.5	34.5	145.0	2.3	90.5	21.7	68.9	3.0
325	STRUCTURAL CLAY PRODUCTS . . .	64.0	14.2	49.8	3.9	59.3	14.0	45.3	3.3
3251	BRICK AND STRUCTURAL CLAY TILE . . .	38.6	9.3	29.3	2.1	27.1	7.1	20.0	2.3
3253	CERAMIC WALL AND FLOOR TILE . . .	7.6	1.4	6.1	.3	4.7	.6	4.1	.7
3255	CLAY REFRACTORIES. . .	10.8	2.1	8.7	1.0	17.9	4.1	13.8	.2
3259	STRUCTURAL CLAY PRODUCTS, NEC. . .	7.0	1.4	5.7	.6	9.7	2.2	7.5	.1
326	POTTERY AND RELATED PRODUCTS . . .	23.1	7.1	16.0	.7	29.9	10.7	19.2	.8
3261	VITREOUS PLUMBING FIXTURES . . .	5.8	2.4	3.5	(Z)	2.6	1.1	1.5	(Z)
3262	VITREOUS CHINA FOOD UTENSILS . . .	1.8	.4	1.5	(Z)	1.9	.6	1.3	(Z)
3263	FINE EARTHENWARE FOOD UTENSILS . .	3.1	1.0	2.1	.1	1.0	.1	.9	(Z)
3264	PORCELAIN ELECTRICAL SUPPLIES. . .	7.2	1.2	6.0	.3	21.4	8.2	13.2	.2
3269	POTTERY PRODUCTS, NEC. . .	5.2	2.2	3.0	.2	3.0	.7	2.3	.3
327	CONCRETE, GYPSUM, PLASTER PRODS. .	453.1	76.4	376.7	35.9	271.8	60.4	211.4	23.3
3271	CONCRETE BLOCK AND BRICK . . .	46.2	7.6	38.6	2.9	30.5	8.1	22.4	2.4
3272	CONCRETE PRODUCTS, NEC . . .	96.2	25.6	70.6	7.9	73.8	11.7	62.1	4.4
3273	READY-MIXED CONCRETE . . .	247.8	36.1	211.8	23.2	136.9	35.6	101.3	16.1
3274	LIME . . .	39.4	2.4	37.0	.5	17.7	2.0	15.6	.2
3275	GYPSUM PRODUCTS. . .	23.3	4.7	18.7	1.4	12.9	3.0	9.9	.3
3281	CUT STONE AND STONE PRODUCTS . . .	12.6	4.0	8.7	.8	6.1	1.5	4.5	1.1
329	MISC. NONMETALLIC MINERAL PRODS. .	157.0	28.7	128.4	12.0	(NA)	(NA)	(NA)	(NA)
3291	ABRASIVE PRODUCTS. . .	17.2	3.3	13.9	2.4	30.4	8.5	21.9	2.0
3292	ASBESTOS PRODUCTS. . .	20.4	2.8	17.7	.9	(NA)	(NA)	(NA)	(NA)
3293	GASKETS, PACKING, SEALING DEVICES. .	24.9	6.6	18.4	1.3	(NA)	(NA)	(NA)	(NA)
3295	MINERALS, GROUND OR TREATED. . .	30.0	4.5	25.5	2.0	23.5	5.1	18.4	2.0
3296	MINERAL WOOL . . .	50.1	9.2	40.9	5.0	27.2	6.0	21.1	.2
3297	NONCLAY REFRACTORIES . . .	9.3	1.4	7.9	.4	17.3	5.8	11.5	.4
3299	NONMETALLIC MINERAL PRODUCTS, NEC. .	5.0	.9	4.1	.2	2.2	.6	1.5	.1

See footnotes at end of table.

TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Group and Industry:
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(Millions of dollars)

1972 code	Industry group and industry	1972				1967			
		Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment	Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment
		Total	New struc- tures and additions to plant	New machinery and equipment		Total	New struc- tures and additions to plant	New machinery and equipment	
33	PRIMARY METAL INDUSTRIES	2 160.6	418.2	1 742.5	79.8	3 056.8	670.8	2 386.0	71.5
331	BLAST FURNACE, BASIC STEEL PROD.	1 058.8	208.0	850.8	25.5	1 911.0	389.8	1 521.1	10.7
3312	BLAST FURNACES AND STEEL MILLS	961.2	192.6	768.6	10.5	1 661.0	324.1	1 337.0	7.7
3313	ELECTROMETALLURGICAL PRODUCTS	26.3	3.1	23.1	.1	29.3	5.1	24.1	.3
3315	STEEL WIRE AND RELATED PRODUCTS	26.6	4.2	22.3	2.9	56.9	24.2	32.7	.6
3316	COLD FINISHING OF STEEL SHAPES	20.6	2.7	17.9	.8	126.0	27.3	98.7	1.2
3317	STEEL PIPE AND TUBES	24.1	5.3	18.8	11.2	37.8	9.1	28.6	1.0
332	IRON AND STEEL FOUNDRIES	279.9	39.1	240.8	13.5	275.0	63.6	211.4	15.5
3321	GRAY IRON FOUNDRIES	202.5	26.0	176.5	9.6	196.3	44.6	151.7	10.8
3322	MALLEABLE IRON FOUNDRIES	34.9	3.9	31.0	1.7	21.9	4.0	17.9	1.0
3324	STEEL INVESTMENT FOUNDRIES	11.1	5.1	6.0	.6	56.8	15.0	41.8	3.7
3325	STEEL FOUNDRIES, NEC	31.5	4.2	27.3	1.6				
333	PRIMARY NONFERROUS METALS	292.2	70.7	221.5	7.4	272.8	88.9	184.0	11.6
3331	PRIMARY COPPER	119.7	28.9	90.7	.1	51.7	9.8	41.9	(2)
3332	PRIMARY LEAD	5.7	2.1	3.7	.5	18.5	4.9	13.7	.3
3333	PRIMARY ZINC	9.8	.4	9.4	(2)	25.8	2.0	23.7	(2)
3334	PRIMARY ALUMINUM	136.5	37.1	99.4	6.1	151.7	67.4	84.3	10.9
3339	PRIMARY NONFERROUS METALS, NEC	20.6	2.2	18.3	.7	25.1	4.8	20.3	.2
3341	SECONDARY NONFERROUS METALS	34.8	8.6	26.2	.6	23.6	7.5	16.1	.7
335	NONFERROUS ROLLING AND DRAWING	371.4	70.2	301.2	21.2	470.0	97.4	372.6	24.2
3351	COPPER ROLLING AND DRAWING	65.3	16.5	48.8	12.8	68.0	7.1	61.0	1.6
3353	ALUMINUM SHEET, PLATE, AND FOIL	90.3	19.4	70.9	1.0				
3354	ALUMINUM EXTRUDED PRODUCTS	32.6	6.9	25.7	1.6	155.6	31.1	124.5	13.0
3355	ALUMINUM ROLLING AND DRAWING, NEC	9.2	1.7	7.5	.2				
3356	NONFERROUS ROLLING & DRAWING, NEC	24.3	4.1	20.2	1.3	58.1	12.7	45.5	6.0
3357	NONFERROUS WIREDRAWING, INSULATING	149.7	21.6	128.1	4.3	188.3	46.5	141.8	3.6
336	NONFERROUS FOUNDRIES	73.5	13.5	60.0	5.8	69.4	16.9	52.5	5.0
3361	ALUMINUM FOUNDRIES	38.8	5.8	33.0	3.0	38.7	8.9	29.8	2.3
3362	BRASS, BRONZE, COPPER FOUNDRIES	17.4	4.3	13.1	1.2	12.4	3.4	9.1	1.7
3369	NONFERROUS FOUNDRIES, NEC	17.3	3.4	13.8	1.6	18.2	4.6	13.6	1.0
339	MISC. PRIMARY METAL PRODUCTS	50.0	8.1	41.9	5.9	35.0	6.7	28.3	3.8
3398	METAL HEAT TREATING	23.1	4.5	18.6	3.8				
3399	PRIMARY METAL PRODUCTS, NEC	26.9	3.6	23.3	2.1	35.0	6.7	28.3	3.8
34	FABRICATED METAL PRODUCTS	1 323.2	292.5	1 030.7	139.2	(NA)	(NA)	(NA)	(NA)
341	METAL CANS, SHIPPING CONTAINERS	146.5	13.0	133.4	30.9	114.2	14.4	99.6	5.4
3411	METAL CANS	138.1	12.2	125.9	30.3	99.2	11.8	87.3	4.9
3412	METAL BARRELS, DRUMS, AND PAILS	8.4	.8	7.5	.6	15.0	2.6	12.3	.5
342	CUTLERY, HANDTOOLS AND HARDWARE	143.0	31.3	111.7	11.5	120.0	26.8	93.2	7.3
3421	CUTLERY	11.7	1.8	9.9	.2	11.5	1.5	9.9	.1
3423	HAND AND EDGE TOOLS, NEC	33.5	6.4	27.1	3.1	23.3	6.8	16.5	1.9
3425	HANDSAWS AND SAW BLADES	6.4	.7	5.7	.6	3.9	.9	3.0	.4
3429	HARDWARE, NEC	91.4	22.4	69.0	7.6	81.3	17.6	63.7	4.9
343	PLUMBING, HEATING, EXCEPT ELEC	51.7	15.0	36.7	2.0	(NA)	(NA)	(NA)	(NA)
3431	METAL SANITARY WARE	8.2	1.6	6.5	.4	7.6	1.5	6.2	1.3
3432	PLUMBING FITTINGS AND BRASS GOODS	19.0	6.8	12.2	.7	8.2	2.1	6.1	1.0
3433	HEATING EQUIPMENT, EXC. ELECTRIC	24.5	6.6	18.0	.9	(NA)	(NA)	(NA)	(NA)
344	FABRICATED STRUC. METAL PRODS.	317.5	101.1	216.4	20.1	257.6	92.4	165.2	19.0
3441	FABRICATED STRUCTURAL METAL	74.7	22.2	52.5	4.2	76.6	28.8	47.8	5.8
3442	METAL DOORS, SASH, AND TRIM	52.1	17.9	34.2	2.4	24.3	7.6	16.7	1.7
3443	FABRICATED PLATEWORK, BOILER SHOP	77.3	24.7	52.6	6.0	81.9	28.6	53.3	5.7
3444	SHEET METALWORK	59.0	16.7	42.3	4.8	44.4	14.8	29.7	2.5
3446	ARCHITECTURAL METALWORK	17.0	6.5	10.4	.8	7.4	2.7	4.8	.4
3448	PREFABRICATED METAL BUILDINGS	11.3	3.5	7.8	.2				
3449	MISCELLANEOUS METALWORK	26.2	9.6	16.5	1.8	23.0	10.0	13.0	2.9
345	SCREW MACHINE PROD., BOLTS, ETC.	88.9	14.6	74.3	14.7	120.4	27.2	93.2	11.1
3451	SCREW MACHINE PRODUCTS	33.2	5.0	28.3	7.3	49.7	9.5	40.2	7.0
3452	BOLTS, NUTS, RIVETS, AND WASHERS	55.7	9.7	46.0	7.5	70.7	17.7	53.0	4.1
346	METAL FORGINGS AND STAMPINGS	237.7	33.0	204.7	29.4	273.2	57.8	215.6	23.2
3462	IRON AND STEEL FORGINGS	28.1	4.3	23.9	3.7	45.0	10.4	34.6	3.4
3463	NONFERROUS FORGINGS	7.0	1.3	5.7	1.7	32.4	8.8	23.7	2.5
3465	AUTOMOTIVE STAMPINGS	117.5	12.9	104.6	13.8				
3466	CROWNS AND CLOSURES	8.3	1.5	6.9	.3	195.8	38.6	157.3	17.3
3469	METAL STAMPINGS, NEC	76.7	13.0	63.7	9.9				
347	METAL SERVICES, NEC	64.2	12.2	52.0	9.5	55.1	13.3	41.8	3.7
3471	PLATING AND POLISHING	40.2	7.5	32.7	3.2	33.1	8.3	24.8	2.2
3479	METAL COATING AND ALLIED SERVICES	24.0	4.7	19.3	6.4	22.0	5.0	17.0	1.5
348	ORDNANCE AND ACCESSORIES, NEC	61.6	22.7	38.8	3.5	84.0	23.9	60.1	8.3
3482	SMALL ARMS AMMUNITION	10.8	3.5	7.3	1.0	12.6	6.2	6.4	1.0
3483	AMMUNITION, EXC. SMALL ARMS, NEC	24.5	11.1	13.4	1.4	42.5	11.2	31.2	4.8
3484	SMALL ARMS	11.3	1.5	9.7	.8	11.2	2.0	9.2	1.0
3489	ORDNANCE AND ACCESSORIES NEC	15.0	6.6	8.4	.4	17.7	4.5	13.3	1.5
349	MISC. FABRICATED METAL PRODUCTS	212.2	49.5	162.7	17.5	208.2	57.6	150.9	15.1
3493	STEEL SPRINGS, EXCEPT WIRE	6.6	1.5	5.1	.1	6.3	1.3	5.0	1.0
3494	VALVES AND PIPE FITTINGS	79.0	16.5	62.6	6.5	100.0	26.1	73.9	6.2
3495	WIRE SPRINGS	12.9	2.5	10.4	1.7	37.8	9.3	28.5	3.3
3496	MISC. FABRICATED WIRE PRODUCTS	28.9	6.3	22.6	2.9				
3497	METAL FOIL AND LEAF	8.2	2.7	5.6	.8	10.6	1.9	8.7	.2
3498	FABRICATED PIPE AND FITTINGS	14.7	3.6	11.1	1.0	14.4	5.3	9.2	1.8
3499	FABRICATED METAL PRODUCTS, NEC	61.8	16.5	45.4	4.5	39.1	13.7	25.6	2.6
35	MACHINERY, EXCEPT ELECTRICAL	1 906.3	428.2	1 478.2	170.2	1 868.1	506.5	1 361.5	109.5
351	ENGINES AND TURBINES	185.5	44.3	141.2	4.6	163.9	47.2	116.7	3.3
3511	TURBINES, TURBINE GENERATOR SETS	93.5	16.5	77.0	1.8	68.3	17.6	48.7	1.7
3519	INTERNAL COMBUSTION ENGINES, NEC	92.0	27.8	64.2	2.8	97.6	29.6	68.0	1.6

See footnotes at end of table.

TABLE 2. Manufacturers' Expenditures for Plant and Equipment by Industry Group and Industry:
1972 and 1967—Continued
(Millions of dollars)

1972 code	Industry group and industry	1972				1967			
		Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment	Expenditures for new plant and equipment ¹			Expendi- tures for used plant and equipment
		Total	New struc- tures and additions to plant	New machinery and equipment		Total	New struc- tures and additions to plant	New machinery and equipment	
35	MACHINERY, EXCEPT ELECTRICAL-- CONTINUED								
352	FARM AND GARDEN MACHINERY	163.6	41.0	122.5	9.4	128.5	35.2	93.3	5.6
3523	FARM MACHINERY AND EQUIPMENT	116.0	27.2	88.8	7.9	128.5	35.2	93.3	5.6
3524	LAWN AND GARDEN EQUIPMENT	47.6	13.9	33.7	1.6				
353	CONSTRUCTION, RELATED MACHINERY	282.1	59.9	222.1	16.7	279.6	71.5	208.1	11.5
3531	CONSTRUCTION MACHINERY	159.5	28.8	130.7	6.4	184.9	44.1	140.8	3.3
3532	MINING MACHINERY	13.4	3.2	10.2	1.8	18.4	3.8	14.6	2.1
3533	OILFIELD MACHINERY	54.7	10.1	44.5	3.5	23.7	5.1	18.5	2.2
3534	ELEVATORS AND MOVING STAIRWAYS	7.8	2.9	4.9	.7	3.9	.7	3.2	.3
3535	CONVEYORS AND CONVEYING EQUIPMENT	13.2	4.3	8.9	2.0	13.6	5.1	8.4	1.3
3536	HOISTS, CRANES, AND MONORAILS	13.8	6.8	7.0	.6	11.3	3.0	8.4	.7
3537	INDUSTRIAL TRUCKS AND TRACTORS	19.7	3.8	15.9	1.7	23.9	9.6	14.2	1.6
354	METALWORKING MACHINERY	218.8	44.5	174.3	31.6	319.4	68.9	250.5	25.1
3541	MACHINE TOOLS, METAL-CUTTING	35.2	7.1	28.1	5.1	78.7	19.3	59.3	4.5
3542	MACHINE TOOLS, METAL-FORMING	17.5	4.7	12.9	2.4	26.2	5.7	20.5	1.8
3544	SPECIAL DIES, TOOLS, JIGS, ETC	97.0	17.0	80.1	11.7	114.7	21.3	93.4	13.2
3545	MACHINE TOOL ACCESSORIES	30.2	6.7	23.5	6.7	55.0	12.9	42.1	3.6
3546	POWER DRIVEN HANDTOOLS	20.3	3.9	16.4	2.2				
3547	ROLLING MILL MACHINERY	6.3	.6	5.7	1.2	44.8	9.7	35.1	2.0
3549	METALWORKING MACHINERY, NEC.	12.3	4.5	7.7	2.2				
355	SPECIAL INDUSTRY MACHINERY	160.0	43.2	116.7	14.8	179.3	62.9	116.4	11.3
3551	FOOD PRODUCTS MACHINERY	21.8	6.1	15.7	2.1	22.0	5.7	16.2	.8
3552	TEXTILE MACHINERY	27.6	6.6	21.0	4.0	22.2	7.5	14.7	1.9
3553	WOODWORKING MACHINERY	12.4	3.7	8.7	1.2	8.2	2.2	6.0	.7
3554	PAPER INDUSTRIES MACHINERY	8.3	1.7	6.6	.7	18.6	5.3	13.3	.8
3555	PRINTING TRADES MACHINERY	16.1	3.7	12.4	1.7	32.9	11.0	21.9	2.6
3559	SPECIAL INDUSTRY MACHINERY, NEC.	73.8	21.4	52.4	5.0	75.4	31.2	44.2	4.5
356	GENERAL INDUSTRIAL MACHINERY	232.1	47.2	184.9	28.2	291.4	89.9	201.5	15.7
3561	PUMPS AND PUMPING EQUIPMENT	56.9	13.1	43.8	5.7	(NA)	(NA)	(NA)	(NA)
3562	BALL AND ROLLER BEARINGS	51.3	4.2	47.1	7.3	107.1	38.7	68.4	3.7
3563	AIR AND GAS COMPRESSORS	15.3	4.4	10.9	1.0	(NA)	(NA)	(NA)	(NA)
3564	BLOWERS AND FANS	22.2	7.7	14.6	3.6	14.5	4.4	10.0	.5
3565	INDUSTRIAL PATTERNS	5.3	1.0	4.3	.5	8.1	3.3	4.8	.7
3566	SPEED CHANGERS, DRIVES, AND GEARS	21.8	2.7	19.1	3.9	(NA)	(NA)	(NA)	(NA)
3567	INDUSTRIAL FURNACES AND OVENS	7.5	2.1	5.5	.2	11.6	4.8	6.8	.8
3568	POWER TRANSMISSION EQUIPMENT, NEC.	20.4	2.9	17.5	2.8	(NA)	(NA)	(NA)	(NA)
3569	GENERAL INDUSTRIAL MACHINERY, NEC.	31.3	9.1	22.1	3.1	30.5	10.7	19.9	1.4
357	OFFICE AND COMPUTING MACHINES	287.0	71.1	215.9	32.5	(NA)	(NA)	(NA)	(NA)
3573	ELECTRONIC COMPUTING EQUIPMENT	212.8	49.6	163.1	27.3	117.1	29.8	87.3	4.8
3574	CALCULATING, ACCOUNTING MACHINES	19.0	1.7	17.3	1.6	32.6	6.1	26.5	.3
3576	SCALES, BALANCES, EXC. LABORATORY	5.7	2.5	3.2	.4	5.1	1.6	3.5	.1
3579	OFFICE MACHINES, TYPEWRITERS, ETC.	49.6	17.3	32.3	3.2	17.8	3.9	13.9	.3
358	REFRIGERATION AND SERVICE MACH.	228.2	46.9	181.3	8.4	134.1	48.8	85.4	5.3
3581	AUTOMATIC MERCHANDISING MACHINES	5.6	1.2	4.5	.1	5.5	1.0	4.5	.4
3582	COMMERCIAL LAUNDRY EQUIPMENT	1.2	.2	.9	(Z)	4.9	2.7	2.2	.2
3585	REFRIGERATION, HEATING EQUIPMENT	201.2	40.0	161.2	6.2	(NA)	(NA)	(NA)	(NA)
3586	MEASURING AND DISPENSING PUMPS	4.5	1.3	3.2	.3	3.8	.7	3.1	.1
3589	SERVICE INDUSTRY MACHINERY, NEC.	15.7	4.2	11.5	1.8	10.6	4.0	6.6	1.6
359	MISC. MACHINERY, EXC. ELEC	149.2	29.9	119.3	24.0	(NA)	(NA)	(NA)	(NA)
3592	CARBURETORS, PISTONS, RINGS, ETC.	27.1	4.6	22.5	2.0	(NA)	(NA)	(NA)	(NA)
3599	MACHINERY, EXCEPT ELECTRICAL, NEC.	122.2	25.4	96.8	22.1	(NA)	(NA)	(NA)	(NA)
36	ELECTRIC, ELECTRONIC EQUIP	1 417.5	295.4	1 122.2	136.9	1 483.5	421.5	1 061.8	58.3
361	ELECTRIC DISTRIBUTING EQUIPMENT	63.7	12.8	50.9	4.6	91.9	30.9	61.0	2.5
3612	TRANSFORMERS	26.8	5.6	21.2	1.0	52.8	17.8	35.0	.6
3613	SWITCHGEAR, SWITCHBOARD APPARATUS	36.9	7.2	29.6	3.6	39.1	13.1	26.0	1.9
362	ELECTRICAL INDUSTRIAL APPARATUS	148.3	35.6	112.8	9.4	208.6	64.6	144.0	8.2
3621	MOTORS AND GENERATORS	59.3	10.5	48.9	4.7	102.5	28.7	73.8	3.6
3622	INDUSTRIAL CONTROLS	46.3	14.3	31.9	2.2	34.3	14.1	20.2	2.8
3623	WELDING APPARATUS, ELECTRIC	11.4	3.5	7.9	.9	18.1	5.8	12.3	.7
3624	CARBON AND GRAPHITE PRODUCTS	20.2	4.7	15.5	1.3	41.3	12.4	28.9	.6
3629	ELEC. INDUSTRIAL APPARATUS, NEC.	11.2	2.5	8.6	.2	12.3	3.6	8.8	.5
363	HOUSEHOLD APPLIANCES	151.8	33.9	117.9	7.4	125.1	35.4	89.6	3.0
3631	HOUSEHOLD COOKING EQUIPMENT	25.5	7.5	17.9	.3	8.6	1.7	6.9	.3
3632	HOUSEHOLD REFRIGERATORS, FREEZERS	25.5	6.0	19.5	.1	37.3	15.1	22.2	1.2
3633	HOUSEHOLD LAUNDRY EQUIPMENT	31.0	5.9	25.1	.2	31.8	7.5	24.3	.1
3634	ELECTRIC HOUSEWARES AND FANS	32.6	7.2	25.4	3.4	24.6	4.5	20.2	1.0
3635	HOUSEHOLD VACUUM CLEANERS	9.7	1.5	8.1	.1	6.5	2.0	4.5	.1
3636	SEWING MACHINES	9.3	.3	9.0	2.2	5.6	1.5	4.0	(Z)
3639	HOUSEHOLD APPLIANCES, NEC.	18.3	5.4	12.9	1.0	10.7	3.2	7.5	.2
364	ELEC. LIGHTING, WIRING EQUIP	159.7	39.3	120.5	18.1	130.9	34.2	96.7	3.6
3641	ELECTRIC LAMPS	31.1	3.4	27.7	10.7	48.2	11.1	37.1	.9
3643	CURRENT-CARRYING WIRING DEVICES	52.2	13.8	38.4	3.8	29.8	7.8	22.2	.6
3644	NONCURRENT-CARRYING WIR'G DEVICES	25.2	6.3	18.9	1.0	20.2	6.8	13.4	.9
3645	RESIDENTIAL LIGHTING FIXTURES	13.7	3.9	9.8	.5				
3646	COMMERCIAL LIGHTING FIXTURES	13.7	3.6	10.1	.6				
3647	VEHICULAR LIGHTING EQUIPMENT	7.2	.5	6.8	.7	32.7	8.6	24.1	1.2
3648	LIGHTING EQUIPMENT, NEC.	16.6	7.8	8.9	.8				
365	RADIO, TV RECEIVING EQUIPMENT	75.5	25.1	50.5	8.7	93.2	31.9	61.2	1.3
3651	RADIO AND TV RECEIVING SETS	58.6	21.4	37.2	3.1	86.1	30.8	55.3	.9
3652	PHONO, RECORDS, PRERECORDED TAPE	16.9	3.7	13.3	5.5	7.1	1.1	6.0	.4
366	COMMUNICATION EQUIPMENT	381.4	72.1	309.3	40.8	356.9	93.4	263.5	18.7
3661	TELEPHONE AND TELEGRAPH APPARATUS	169.2	20.1	149.1	17.3	110.9	23.0	87.9	4.1
3662	RADIO AND TV COMMUNICATION EQUIP	212.2	51.9	160.3	23.5	246.0	70.4	175.6	14.6

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1972 code	Industry group and industry	1972				1967			
		Expenditures for new plant and equipment ¹			Expenditures for used plant and equipment	Expenditures for new plant and equipment ¹			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
36	ELECTRIC, ELECTRONIC EQUIP., --CON.								
367	ELECTRONIC COMPONENTS, ACCESS.	343.4	56.7	286.7	44.7	373.3	99.1	274.2	15.7
3671	ELECTRON TUBES, RECEIVING TYPE	1.8	.3	1.6	.3	7.0	1.4	5.6	(2)
3672	CATHODE RAY TV PICTURE TUBES	26.2	6.1	20.1	.1	46.0	7.4	38.6	1.1
3673	ELECTRON TUBES, TRANSMITTING	13.5	2.0	11.5	.5	13.1	3.5	9.6	.5
3674	SEMICONDUCTORS, RELATED DEVICES.	170.5	24.8	145.7	33.2	131.1	42.0	89.1	1.4
3675	ELECTRONIC CAPACITORS	13.4	1.5	11.9	.6				
3676	ELECTRONIC RESISTORS	10.4	1.8	8.6	1.2				
3677	ELECTRONIC COILS AND TRANSFORMERS.	8.8	.3	8.5	.2				
3678	ELECTRONIC CONNECTORS.	12.2	1.2	10.9	1.3	176.1	44.8	131.3	12.6
3679	ELECTRONIC COMPONENTS, NEC	86.7	15.6	71.1	7.1				
369	MISC. ELEC. EQUIPMENT, SUPPLIES.	93.5	20.0	73.5	3.3	103.6	32.0	71.6	5.3
3691	STORAGE BATTERIES.	30.8	9.7	21.1	.7	14.8	3.1	11.7	.5
3692	PRIMARY BATTERIES, DRY AND WET	7.2	.8	6.4	.4	20.2	9.2	11.0	.2
3693	X-RAY APPARATUS AND TUBES.	8.1	2.5	5.6	.7	11.2	7.6	3.6	.1
3694	ENGINE ELECTRICAL EQUIPMENT.	30.8	3.1	27.6	.9	45.9	9.2	36.8	3.8
3699	ELECTRICAL EQUIP., SUPPLIES, NEC	16.7	4.0	12.7	.6	11.5	2.9	8.6	.4
37	TRANSPORTATION EQUIPMENT	2 660.2	342.9	2 317.3	86.9	(NA)	(NA)	(NA)	(NA)
371	MOTOR VEHICLES AND EQUIPMENT	2 093.2	171.9	1 921.3	38.9	870.5	227.5	643.0	39.2
3711	MOTOR VEHICLES AND CAR BODIES.	917.2	66.9	850.3	8.7	263.2	74.1	189.1	17.0
3713	TRUCK AND BUS BODIES	48.3	22.1	26.2	3.6	13.0	5.3	7.7	1.4
3714	MOTOR VEHICLE PARTS, ACCESSORIES	1 113.1	78.5	1 034.6	25.7	572.0	136.2	435.8	20.1
3715	TRUCK TRAILERS	14.6	4.4	10.2	.9	22.3	11.9	10.4	.7
372	AIRCRAFT AND PARTS	169.0	29.2	139.8	28.7	(NA)	(NA)	(NA)	(NA)
3721	AIRCRAFT	57.1	10.1	47.0	5.3	408.2	163.0	245.3	66.7
3724	AIRCRAFT ENGINES AND ENGINE PARTS.	73.0	10.3	62.7	15.0	(NA)	(NA)	(NA)	(NA)
3728	AIRCRAFT EQUIPMENT, NEC.	38.9	8.8	30.1	8.4	(NA)	(NA)	(NA)	(NA)
373	SHIP, BOAT BUILDING, REPAIRING	179.1	76.8	102.3	8.6	86.1	41.9	44.2	5.4
3731	SHIP BUILDING AND REPAIRING.	142.0	59.8	82.1	7.6	70.3	33.9	36.5	3.5
3732	BOAT BUILDING AND REPAIRING.	37.2	17.0	20.2	1.0	15.8	8.1	7.7	1.9
3743	RAILROAD EQUIPMENT	55.3	17.4	38.0	2.7	40.4	11.5	29.1	1.3
3751	MOTORCYCLES, BICYCLES, AND PARTS	16.0	4.3	11.6	.3	5.5	2.0	3.5	.1
376	GUIDED MISSILES, SPACE VEHICLES.	92.3	20.9	71.4	6.1	(NA)	(NA)	(NA)	(NA)
3761	GUIDED MISSILES, SPACE VEHICLES.	62.9	14.7	48.2	2.9	111.4	38.0	73.4	2.0
3764	SPACE PROPULSION UNITS AND PARTS	18.4	5.2	13.2	1.4	(NA)	(NA)	(NA)	(NA)
3769	SPACE VEHICLE EQUIPMENT, NEC	11.0	1.0	10.0	1.8	(NA)	(NA)	(NA)	(NA)
379	MISC. TRANSPORTATION EQUIPMENT	55.2	22.4	32.9	1.5	(NA)	(NA)	(NA)	(NA)
3792	TRAVEL TRAILERS AND CAMPERS.	35.2	15.0	20.2	.7	(NA)	(NA)	(NA)	(NA)
3795	TANKS AND TANK COMPONENTS.	3.1	.7	2.5	.1	(NA)	(NA)	(NA)	(NA)
3799	TRANSPORTATION EQUIPMENT, NEC.	16.9	6.7	10.2	.7	(NA)	(NA)	(NA)	(NA)
38	INSTRUMENTS, RELATED PRODUCTS.	480.0	124.3	355.7	19.5	(NA)	(NA)	(NA)	(NA)
3811	ENGINEERING, SCIENTIFIC INSTRU	19.0	4.5	14.5	2.8	21.8	6.8	14.9	1.3
382	MEASURING, CONTROLLING DEVICES	104.8	27.7	77.2	4.9	(NA)	(NA)	(NA)	(NA)
3822	ENVIRONMENTAL CONTROLS	17.1	3.1	14.0	.2	13.2	1.7	11.4	.1
3823	PROCESS CONTROL INSTRUMENTS.	29.7	16.8	18.9	1.7	(NA)	(NA)	(NA)	(NA)
3824	FLUID METERS AND COUNTING DEVICES.	7.2	1.8	5.5	.7	(NA)	(NA)	(NA)	(NA)
3825	INSTRU. TO MEASURE ELECTRICITY	37.7	9.1	28.6	1.8	(NA)	(NA)	(NA)	(NA)
3829	MEASURING, CONTROL'G DEVICES, NEC	13.1	2.9	11.2	.6	(NA)	(NA)	(NA)	(NA)
3832	OPTICAL INSTRUMENTS AND LENSES	12.7	2.6	10.2	1.5	17.1	5.4	11.8	.5
384	MEDICAL INSTRUMENTS, SUPPLIES.	104.4	38.9	65.5	4.1	53.5	20.0	33.5	1.1
3841	SURGICAL AND MEDICAL INSTRUMENTS	42.0	16.0	26.0	2.1	18.5	8.2	10.3	.4
3842	SURGICAL APPLIANCES AND SUPPLIES	47.5	16.5	31.0	1.6	30.5	10.6	19.9	.5
3843	DENTAL EQUIPMENT AND SUPPLIES.	14.9	6.3	8.6	.4	4.5	1.2	3.3	.2
3851	OPHTHALMIC GOODS	17.4	3.2	14.1	1.5	14.5	2.8	11.7	.4
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES	202.9	39.8	163.1	3.7	217.9	89.8	128.1	1.2
3873	WATCHES, CLOCKS, AND WATCHCASES.	18.8	7.7	11.1	.9	10.4	1.8	8.6	.7
39	MISC. MANUFACTURING INDUSTRIES.	313.6	92.6	221.0	20.2	213.5	73.4	140.0	9.4
391	JEWELRY, SILVER AND PLATED WARE.	21.9	6.3	15.6	1.2	14.1	3.2	10.8	.7
3911	JEWELRY, PRECIOUS METAL.	10.3	3.8	6.5	.3	5.9	1.8	4.2	.3
3914	SILVERWARE AND PLATED WARE	6.3	1.2	5.1	.9	5.7	.9	4.8	.2
3915	JEWELERS' MATS., LAPIDARY WORK	5.3	1.3	4.0	.1	2.5	.6	1.9	.2
3931	MUSICAL INSTRUMENTS.	10.6	2.9	7.8	.7	10.6	5.4	5.2	.4
394	TOYS AND SPORTING GOODS.	121.2	40.4	80.8	6.2	62.1	20.7	41.4	3.1
3942	DOLLS.	1.7	.4	1.4	.1	2.4	.3	2.1	.2
3944	GAMES, TOYS, CHILDREN'S VEHICLES	72.7	22.7	50.0	2.8	37.2	13.9	23.3	1.8
3949	SPORTING AND ATHLETIC GOODS, NEC	46.7	17.3	29.4	3.4	22.5	6.5	16.0	1.1
395	PENS, OFFICE AND ART GOODS	19.8	4.2	15.5	1.3	23.0	7.3	15.8	.9
3951	PENS AND MECHANICAL PENCILS	7.6	.9	6.7	.3	6.8	.9	5.9	.1
3952	LEAD PENCILS AND ART GOODS	3.9	.8	3.1	.1	4.6	2.1	2.5	(2)
3953	MARKING DEVICES.	2.6	.6	2.0	.4	6.4	3.5	2.9	.5
3955	CARBON PAPER AND INKED RIBBONS	5.7	1.9	3.8	.5	5.3	.7	4.5	.2
396	COSTUME JEWELRY AND NOTIONS.	33.5	9.0	24.5	2.5	21.7	4.3	17.4	1.1
3961	COSTUME JEWELRY.	6.7	2.2	4.5	.4	4.4	1.2	3.2	.6
3962	ARTIFICIAL FLOWERS	3.3	1.2	2.0	1.5	.7	.3	.5	(2)
3963	BUTTONS.	2.3	.2	2.2	(2)	1.2	.2	1.1	.1
3964	NEEDLES, PINS, AND FASTENERS	21.2	5.4	15.8	.6	15.3	2.7	12.6	.3
399	MISCELLANEOUS MANUFACTURES	106.6	29.8	76.8	8.4	81.9	32.5	49.4	3.2
3991	BROOMS AND BRUSHES	13.0	2.5	10.5	.4	10.7	3.0	7.7	.2
3993	SIGNS AND ADVERTISING DISPLAYS	30.6	8.7	22.0	4.3	23.0	9.8	13.1	1.2
3995	BURIAL CASKETS	8.8	1.9	6.8	.3	4.2	1.7	2.5	.2
3996	HARD SURFACE FLOOR COVERINGS	14.0	3.9	10.2	(2)	20.6	8.0	12.6	(2)
3999	MANUFACTURING INDUSTRIES, NEC.	40.2	12.9	27.2	3.3	23.5	10.0	13.5	1.5

- Represents zero. (NA) Not available. (Z) Less than half of the unit of measurement shown (less than \$50 thousand).

¹Includes data for plants under construction and not yet in operation.

TABLE 3. Manufacturers' Expenditures for Plant and Equipment by Division and State: 1972 and 1967

(Millions of dollars)

Division and State	1972				1967			
	Establishments in operation and under construction			Expenditures for used plant and equipment	Establishments in operation and under construction			Expenditures for used plant and equipment
	Total new expenditures	New structures and additions	New machinery and equipment		Total new expenditures	New structures and additions	New machinery and equipment	
United States.....	24,073.1	5,369.8	18,703.3	1,296.7	21,503.0	5,714.0	15,789.0	967.6
Northeast Region.....	5,169.3	1,166.5	4,003.2	324.6	4,991.7	1,354.1	3,637.6	210.1
New England Division.....	1,244.0	279.9	964.5	160.2	1,223.7	331.6	892.1	54.6
Maine.....	138.5	28.4	110.0	5.8	98.8	20.2	78.6	3.9
New Hampshire.....	99.1	30.7	68.4	3.5	75.6	16.7	58.9	3.6
Vermont.....	36.8	11.5	25.3	27.1	35.1	7.8	27.3	1.5
Massachusetts.....	537.5	111.2	426.3	37.8	493.7	142.5	351.3	22.5
Rhode Island.....	100.5	20.1	80.3	5.3	74.8	16.4	58.4	3.3
Connecticut.....	331.6	77.5	254.1	34.7	445.7	128.1	317.6	19.8
Middle Atlantic Division.....	3,925.3	886.6	3,038.7	210.5	3,768.0	1,022.5	2,745.5	155.5
New York.....	1,506.0	320.2	1,185.8	61.3	1,310.3	337.9	972.4	66.9
New Jersey.....	940.1	222.8	717.3	51.6	824.3	222.3	602.0	33.5
Pennsylvania.....	1,479.3	343.7	1,135.6	97.7	1,633.4	462.3	1,171.1	55.1
North Central Region.....	8,139.0	1,592.0	6,547.1	392.6	7,109.2	1,831.8	5,277.5	326.0
East North Central Division.....	6,773.4	1,231.1	5,542.3	325.9	6,058.6	1,537.9	4,520.8	261.1
Ohio.....	1,695.4	314.2	1,381.2	90.7	1,694.1	392.3	1,301.8	71.0
Indiana.....	907.3	216.2	691.0	41.7	1,004.4	266.2	738.2	30.3
Illinois.....	1,564.0	337.8	1,226.2	90.7	1,493.4	412.2	1,081.2	67.5
Michigan.....	2,071.4	247.7	1,823.7	75.6	1,360.2	336.5	1,023.7	70.8
Wisconsin.....	535.3	115.1	420.2	27.3	506.6	130.7	375.9	21.5
West North Central Division.....	1,365.6	360.9	1,004.8	66.7	1,050.6	293.9	756.7	64.9
Minnesota.....	305.5	74.1	231.4	16.6	231.3	57.1	174.2	15.1
Iowa.....	329.4	80.6	248.8	11.7	230.7	64.7	166.0	9.7
Missouri.....	395.9	93.9	302.0	19.2	346.8	97.7	249.1	24.0
North Dakota.....	13.3	2.9	10.4	.7	6.3	2.5	3.8	.3
South Dakota.....	20.1	6.3	13.8	1.2	8.2	2.2	6.0	.9
Nebraska.....	102.3	27.1	75.2	6.6	71.4	21.9	49.4	9.9
Kansas.....	199.2	76.0	123.2	10.8	155.9	47.7	108.2	5.0
South Region.....	7,705.8	1,845.9	5,859.9	333.3	6,615.3	1,707.8	4,907.6	266.0
South Atlantic Division.....	3,867.3	855.9	3,011.4	187.1	2,805.7	660.9	2,144.9	141.7
Delaware.....	91.5	18.4	73.1	2.1	115.9	28.0	87.9	1.5
Maryland.....	310.3	56.2	254.2	15.2	251.6	56.8	194.7	11.5
District of Columbia.....	19.4	6.9	12.5	.5	17.0	9.4	7.6	.5
Virginia.....	585.8	177.4	408.4	21.5	347.0	82.9	264.1	14.9
West Virginia.....	216.0	41.9	174.1	3.7	269.0	24.5	244.5	18.9
North Carolina.....	986.8	204.4	782.4	61.6	664.6	178.8	485.8	34.1
South Carolina.....	506.8	106.9	400.0	28.2	416.6	96.1	320.5	31.4
Georgia.....	687.7	143.8	544.0	26.9	423.3	116.7	307.0	15.9
Florida.....	463.0	100.2	362.8	27.5	300.7	68.7	232.5	13.0
East South Central Division.....	1,511.0	339.7	1,171.3	66.9	1,405.8	384.4	1,021.3	42.1
Kentucky.....	380.0	102.3	277.7	15.3	338.3	79.5	258.7	7.1
Tennessee.....	540.0	101.2	438.9	18.2	412.4	102.8	309.6	16.7
Alabama.....	355.1	58.1	297.0	25.5	378.9	75.0	303.9	12.6
Mississippi.....	235.9	78.1	157.8	7.9	276.2	127.1	149.1	5.7
West South Central Division.....	2,327.5	650.3	1,677.2	79.3	2,403.8	662.5	1,741.4	82.2
Arkansas.....	190.0	45.8	144.2	9.5	172.6	40.9	131.7	12.9
Louisiana.....	568.2	192.5	375.7	10.5	741.4	206.0	535.5	25.3
Oklahoma.....	223.8	53.5	170.3	8.8	80.9	24.0	56.9	8.5
Texas.....	1,345.5	358.5	987.0	50.6	1,408.8	391.6	1,017.3	35.5
West Region.....	3,059.3	765.8	2,293.4	246.2	2,697.7	812.7	1,884.8	192.9
Mountain Division.....	723.6	187.4	536.2	70.7	428.9	112.2	316.6	24.6
Montana.....	75.8	22.7	53.1	8.6	68.9	26.5	42.4	1.4
Idaho.....	74.9	21.2	53.7	13.1	57.7	10.1	47.6	4.0
Wyoming.....	23.4	5.2	18.2	1.3	7.6	2.7	4.9	.4
Colorado.....	228.8	66.4	162.4	35.7	99.6	27.2	72.4	5.8
New Mexico.....	30.8	9.7	21.1	1.2	10.6	2.2	8.4	2.1
Arizona.....	198.4	42.7	155.7	5.4	109.9	29.9	80.1	3.9
Utah.....	67.9	15.5	52.4	4.5	59.2	11.5	47.6	2.3
Nevada.....	23.5	4.0	19.5	1.0	15.4	2.1	13.3	4.7
Pacific Division.....	2,335.7	578.4	1,757.2	175.5	2,268.8	700.5	1,568.2	168.3
Washington.....	353.7	88.9	264.8	15.7	464.7	157.0	307.7	67.2
Oregon.....	267.3	42.1	225.2	20.0	234.2	40.2	194.0	13.9
California.....	1,645.9	423.1	1,222.8	133.8	1,529.2	491.3	1,037.8	83.1
Alaska.....	22.1	4.6	17.6	2.8	14.7	4.1	10.6	2.3
Hawaii.....	46.7	19.8	26.9	3.3	26.0	7.9	18.1	1.8

Note: The sum of the State detail does not add to the U.S. totals because of independent rounding.

TABLE 4. Manufacturers' Expenditures for New Plant and Equipment by Division and State and by Major Industry Group: 1972

(Millions of dollars)

Division, State, and major industry group	Establishments in operation and under construction			Division, State, and major industry group	Establishments in operation and under construction		
	Total expenditures	New structures and additions to plant	New machinery and equipment		Total expenditures	New structures and additions to plant	New machinery and equipment
UNITED STATES, TOTAL	24 073.1	5 369.8	18 703.3	VERMONT, TOTAL	36.8	11.5	25.3
20 FOOD AND KINDRED PRODUCTS.	2 355.0	608.8	1 746.2	20 FOOD AND KINDRED PRODUCTS.	3.0	.9	2.1
21 TOBACCO PRODUCTS.	133.2	53.0	80.2	21 TOBACCO PRODUCTS.	(D)	(D)	(D)
22 TEXTILE MILL PRODUCTS.	1 127.4	217.9	909.5	22 TEXTILE MILL PRODUCTS. . . . .	.7	(2)	.7
23 APPAREL, OTHER TEXTILE PRODS.	363.5	101.8	261.7	23 APPAREL, OTHER TEXTILE PRODS. . . . .	.2	.1	.1
24 LUMBER AND WOOD PRODUCTS.	931.2	227.2	704.0	24 LUMBER AND WOOD PRODUCTS.	3.9	1.6	2.2
25 FURNITURE AND FIXTURES.	306.2	115.7	190.4	25 FURNITURE AND FIXTURES.	(D)	(D)	(D)
26 PAPER AND ALLIED PRODUCTS.	1 335.3	197.5	1 137.8	26 PAPER AND ALLIED PRODUCTS.	3.5	.3	3.2
27 PRINTING AND PUBLISHING.	1 047.7	245.7	802.0	27 PRINTING AND PUBLISHING.	2.9	.8	2.1
28 CHEMICALS AND ALLIED PRODUCTS.	2 728.4	498.3	2 230.2	28 CHEMICALS AND ALLIED PRODUCTS. . . . .	.4	.3	.1
29 PETROLEUM AND COAL PRODUCTS.	1 154.2	625.2	529.0	29 PETROLEUM AND COAL PRODUCTS.	1.4	.1	1.3
30 RUBBER, MISC. PLASTICS PROD.	1 059.6	243.5	816.1	30 RUBBER, MISC. PLASTICS PROD. . . . .	.1	(2)	.1
31 LEATHER AND LEATHER PRODUCTS.	74.5	19.0	55.5	31 LEATHER AND LEATHER PRODUCTS.	2.6	.8	1.8
32 STONE, CLAY, GLASS PRODUCTS.	1 195.5	222.2	973.3	32 STONE, CLAY, GLASS PRODUCTS.	(D)	(D)	(D)
33 PRIMARY METAL INDUSTRIES.	2 160.6	418.2	1 742.5	33 PRIMARY METAL INDUSTRIES.	1.0	.5	.5
34 FABRICATED METAL PRODUCTS.	1 323.2	292.5	1 030.7	34 FABRICATED METAL PRODUCTS.	6.0	3.0	3.0
35 MACHINERY, EXCEPT ELECTRICAL.	1 906.3	428.2	1 478.2	35 MACHINERY, EXCEPT ELECTRICAL.	(D)	(D)	(D)
36 ELECTRIC, ELECTRONIC EQUIP.	1 417.5	295.4	1 122.2	36 ELECTRIC, ELECTRONIC EQUIP.	(D)	(D)	(D)
37 TRANSPORTATION EQUIPMENT.	2 660.2	342.9	2 317.3	37 TRANSPORTATION EQUIPMENT. . . . .	.5	.1	.4
38 INSTRUMENTS, RELATED PRODUCTS.	480.0	124.3	355.7	38 INSTRUMENTS, RELATED PRODUCTS. . . . .	.7	.3	.4
39 MISC. MANUFACTURING INDUSTRIES.	313.6	92.6	221.0	39 MISC. MANUFACTURING INDUSTRIES.			
NEW ENGLAND DIVISION, TOTAL.	1 244.0	279.5	964.5	MASSACHUSETTS, TOTAL	537.5	111.2	426.3
20 FOOD AND KINDRED PRODUCTS.	60.4	11.0	49.4	20 FOOD AND KINDRED PRODUCTS.	30.4	4.7	25.7
21 TOBACCO PRODUCTS.	(D)	(D)	(D)	21 TOBACCO PRODUCTS.	(D)	(D)	(D)
22 TEXTILE MILL PRODUCTS.	69.2	17.4	51.8	22 TEXTILE MILL PRODUCTS.	27.8	6.5	21.3
23 APPAREL, OTHER TEXTILE PRODS.	14.7	3.0	11.7	23 APPAREL, OTHER TEXTILE PRODS.	10.0	2.0	8.0
24 LUMBER AND WOOD PRODUCTS.	32.5	11.7	20.8	24 LUMBER AND WOOD PRODUCTS.	4.0	.8	3.2
25 FURNITURE AND FIXTURES.	13.8	7.7	6.1	25 FURNITURE AND FIXTURES.	3.7	1.3	2.3
26 PAPER AND ALLIED PRODUCTS.	145.9	21.4	124.5	26 PAPER AND ALLIED PRODUCTS.	32.8	6.9	25.9
27 PRINTING AND PUBLISHING.	65.5	16.4	49.1	27 PRINTING AND PUBLISHING.	35.5	8.6	26.9
28 CHEMICALS AND ALLIED PRODUCTS.	69.3	12.3	57.0	28 CHEMICALS AND ALLIED PRODUCTS.	33.4	5.6	27.8
29 PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)	29 PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)
30 RUBBER, MISC. PLASTICS PROD.	71.8	11.6	60.2	30 RUBBER, MISC. PLASTICS PROD.	37.4	6.6	30.8
31 LEATHER AND LEATHER PRODUCTS.	19.3	4.1	15.2	31 LEATHER AND LEATHER PRODUCTS.	9.0	1.3	7.7
32 STONE, CLAY, GLASS PRODUCTS.	37.4	10.4	26.9	32 STONE, CLAY, GLASS PRODUCTS.	17.2	6.4	10.8
33 PRIMARY METAL INDUSTRIES.	73.7	15.4	58.3	33 PRIMARY METAL INDUSTRIES.	12.1	1.4	10.7
34 FABRICATED METAL PRODUCTS.	96.2	18.8	77.5	34 FABRICATED METAL PRODUCTS.	38.4	6.9	31.5
35 MACHINERY, EXCEPT ELECTRICAL.	153.0	52.8	100.2	35 MACHINERY, EXCEPT ELECTRICAL.	77.1	27.3	49.8
36 ELECTRIC, ELECTRONIC EQUIP.	121.6	17.3	104.4	36 ELECTRIC, ELECTRONIC EQUIP.	70.9	7.8	63.1
37 TRANSPORTATION EQUIPMENT.	55.2	15.0	40.2	37 TRANSPORTATION EQUIPMENT.	14.9	2.9	12.0
38 INSTRUMENTS, RELATED PRODUCTS.	82.6	14.7	67.9	38 INSTRUMENTS, RELATED PRODUCTS.	60.4	8.1	52.3
39 MISC. MANUFACTURING INDUSTRIES.	51.2	17.6	33.5	39 MISC. MANUFACTURING INDUSTRIES.	16.4	4.3	12.1
MAINE, TOTAL	138.5	28.4	110.0	RHODE ISLAND, TOTAL.	100.5	20.1	80.3
20 FOOD AND KINDRED PRODUCTS.	9.6	2.7	6.9	20 FOOD AND KINDRED PRODUCTS.	4.2	.6	3.7
22 TEXTILE MILL PRODUCTS.	9.5	3.5	6.1	22 TEXTILE MILL PRODUCTS.	14.7	2.9	11.8
23 APPAREL, OTHER TEXTILE PRODS. . . . .	.8	.2	.6	23 APPAREL, OTHER TEXTILE PRODS. . . . .	.8	(2)	.7
24 LUMBER AND WOOD PRODUCTS.	15.3	4.5	10.9	24 LUMBER AND WOOD PRODUCTS. . . . .	.2	(2)	.1
25 FURNITURE AND FIXTURES. . . . .	.5	.2	.3	25 FURNITURE AND FIXTURES.	(D)	(D)	(D)
26 PAPER AND ALLIED PRODUCTS.	72.0	9.0	63.0	26 PAPER AND ALLIED PRODUCTS.	2.3	.3	1.9
27 PRINTING AND PUBLISHING.	2.3	.4	1.9	27 PRINTING AND PUBLISHING.	3.9	1.0	2.9
28 CHEMICALS AND ALLIED PRODUCTS.	1.3	.2	1.1	28 CHEMICALS AND ALLIED PRODUCTS.	5.2	.6	4.6
29 PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)	29 PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)
30 RUBBER, MISC. PLASTICS PROD.	2.1	.2	1.9	30 RUBBER, MISC. PLASTICS PROD.	8.5	.8	7.7
31 LEATHER AND LEATHER PRODUCTS.	6.0	1.8	4.1	31 LEATHER AND LEATHER PRODUCTS. . . . .	.7	.3	.5
32 STONE, CLAY, GLASS PRODUCTS.	2.0	.4	1.6	32 STONE, CLAY, GLASS PRODUCTS.	2.1	.4	1.7
33 PRIMARY METAL INDUSTRIES.	(D)	(D)	(D)	33 PRIMARY METAL INDUSTRIES.	16.8	4.6	12.2
34 FABRICATED METAL PRODUCTS.	1.2	.2	1.0	34 FABRICATED METAL PRODUCTS.	4.1	.5	3.6
35 MACHINERY, EXCEPT ELECTRICAL.	3.3	1.2	2.1	35 MACHINERY, EXCEPT ELECTRICAL.	5.5	.6	4.9
36 ELECTRIC, ELECTRONIC EQUIP.	(D)	(D)	(D)	36 ELECTRIC, ELECTRONIC EQUIP.	12.5	2.9	9.5
37 TRANSPORTATION EQUIPMENT.	(D)	(D)	(D)	37 TRANSPORTATION EQUIPMENT. . . . .	.6	.1	.4
38 INSTRUMENTS, RELATED PRODUCTS. . . . .	.1	(2)	.1	38 INSTRUMENTS, RELATED PRODUCTS.	1.8	.1	1.7
39 MISC. MANUFACTURING INDUSTRIES.	1.0	.7	.3	39 MISC. MANUFACTURING INDUSTRIES.	15.1	4.0	11.1
NEW HAMPSHIRE, TOTAL	99.1	30.7	68.4	CONNECTICUT, TOTAL	331.6	77.5	254.1
20 FOOD AND KINDRED PRODUCTS.	2.1	.3	1.7	20 FOOD AND KINDRED PRODUCTS.	11.2	1.9	9.3
22 TEXTILE MILL PRODUCTS.	5.1	1.9	3.2	21 TOBACCO PRODUCTS.	(D)	(D)	(D)
23 APPAREL, OTHER TEXTILE PRODS. . . . .	.6	.1	.5	22 TEXTILE MILL PRODUCTS.	11.4	2.5	8.8
24 LUMBER AND WOOD PRODUCTS.	6.4	3.1	3.3	23 APPAREL, OTHER TEXTILE PRODS.	2.3	.6	1.7
25 FURNITURE AND FIXTURES.	1.2	.6	.5	24 LUMBER AND WOOD PRODUCTS.	2.8	1.7	1.1
26 PAPER AND ALLIED PRODUCTS.	17.0	1.7	15.3	25 FURNITURE AND FIXTURES.	6.0	2.5	3.5
27 PRINTING AND PUBLISHING.	3.9	1.1	2.9	26 PAPER AND ALLIED PRODUCTS.	18.4	3.1	15.3
28 CHEMICALS AND ALLIED PRODUCTS.	1.2	.1	1.2	27 PRINTING AND PUBLISHING.	17.0	4.5	12.4
29 PETROLEUM AND COAL PRODUCTS. . . . .	.2	(2)	.2	28 CHEMICALS AND ALLIED PRODUCTS.	27.8	5.6	22.2
30 RUBBER, MISC. PLASTICS PROD.	10.0	2.3	7.7	29 PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)
31 LEATHER AND LEATHER PRODUCTS.	3.3	.6	2.7	30 RUBBER, MISC. PLASTICS PROD.	12.4	1.5	10.9
32 STONE, CLAY, GLASS PRODUCTS.	4.1	.5	3.6	31 LEATHER AND LEATHER PRODUCTS. . . . .	.2	(2)	.2
33 PRIMARY METAL INDUSTRIES.	2.3	.2	2.0	32 STONE, CLAY, GLASS PRODUCTS.	9.4	1.9	7.5
34 FABRICATED METAL PRODUCTS.	5.4	2.3	3.0	33 PRIMARY METAL INDUSTRIES.	41.9	9.1	32.8
35 MACHINERY, EXCEPT ELECTRICAL.	20.2	9.9	10.3	34 FABRICATED METAL PRODUCTS.	46.2	8.4	37.7
36 ELECTRIC, ELECTRONIC EQUIP.	7.4	.7	6.6	35 MACHINERY, EXCEPT ELECTRICAL.	41.0	10.9	30.1
37 TRANSPORTATION EQUIPMENT.	2.3	1.4	.9	36 ELECTRIC, ELECTRONIC EQUIP.	21.4	4.0	17.4
38 INSTRUMENTS, RELATED PRODUCTS.	2.9	.6	2.3	37 TRANSPORTATION EQUIPMENT.	29.6	8.0	21.6
39 MISC. MANUFACTURING INDUSTRIES.	3.7	3.2	.5	38 INSTRUMENTS, RELATED PRODUCTS.	16.9	5.9	11.0
				39 MISC. MANUFACTURING INDUSTRIES.	14.2	5.1	9.1

See footnotes at end of table.

TABLE 4. Manufacturers' Expenditures for New Plant and Equipment by Division and State and by Major Industry Group: 1972—Continued

(Millions of dollars)

Division, State, and major industry group	Establishments in operation and under construction			Division, State, and major industry group	Establishments in operation and under construction		
	Total expenditures	New structures and additions to plant	New machinery and equipment		Total expenditures	New structures and additions to plant	New machinery and equipment
MIDDLE ATLANTIC DIVISION, TOTAL	3 921.8	885.2	3 036.6	EAST NORTH CENTRAL DIVISION, TOTAL	4 773.4	1 231.1	5 542.5
20 FOOD AND KINDRED PRODUCTS	381.7	109.3	272.4	20 FOOD AND KINDRED PRODUCTS	524.2	130.6	393.6
21 TOBACCO PRODUCTS	0	0	0	21 TOBACCO PRODUCTS	0	0	0
22 TEXTILE MILL PRODUCTS	155.2	29.7	125.5	22 TEXTILE MILL PRODUCTS	18.6	3.5	15.0
23 APPAREL, OTHER TEXTILE PRODS	109.8	26.6	83.3	23 APPAREL, OTHER TEXTILE PRODS	28.7	6.4	22.3
24 LUMBER AND WOOD PRODUCTS	58.6	18.6	40.2	24 LUMBER AND WOOD PRODUCTS	92.4	31.1	61.3
25 FURNITURE AND FIXTURES	35.8	14.6	21.2	25 FURNITURE AND FIXTURES	55.9	15.8	40.1
26 PAPER AND ALLIED PRODUCTS	143.2	28.2	114.9	26 PAPER AND ALLIED PRODUCTS	205.6	36.6	169.0
27 PRINTING AND PUBLISHING	250.7	47.7	203.0	27 PRINTING AND PUBLISHING	241.8	52.1	189.7
28 CHEMICALS AND ALLIED PRODUCTS	452.0	108.8	343.2	28 CHEMICALS AND ALLIED PRODUCTS	446.9	98.3	348.6
29 PETROLEUM AND COAL PRODUCTS	0	0	0	29 PETROLEUM AND COAL PRODUCTS	248.7	82.3	166.4
30 RUBBER, MISC. PLASTICS PROD.	164.1	33.0	131.1	30 RUBBER, MISC. PLASTICS PROD.	334.0	68.9	265.2
31 LEATHER AND LEATHER PRODUCTS	0	0	0	31 LEATHER AND LEATHER PRODUCTS	0	0	0
32 STONE, CLAY, GLASS PRODUCTS	227.1	40.9	186.2	32 STONE, CLAY, GLASS PRODUCTS	263.4	44.2	219.3
33 PRIMARY METAL INDUSTRIES	404.5	65.4	339.2	33 PRIMARY METAL INDUSTRIES	870.2	182.8	687.5
34 FABRICATED METAL PRODUCTS	202.9	43.4	159.5	34 FABRICATED METAL PRODUCTS	510.5	98.3	412.2
35 MACHINERY, EXCEPT ELECTRICAL	335.0	64.2	270.8	35 MACHINERY, EXCEPT ELECTRICAL	646.9	138.8	508.1
36 ELECTRIC, ELECTRONIC EQUIP	298.8	59.4	239.4	36 ELECTRIC, ELECTRONIC EQUIP	364.0	75.8	288.2
37 TRANSPORTATION EQUIPMENT	216.4	32.5	183.9	37 TRANSPORTATION EQUIPMENT	1 777.7	128.4	1 649.4
38 INSTRUMENTS, RELATED PRODUCTS	180.5	45.8	134.7	38 INSTRUMENTS, RELATED PRODUCTS	61.6	15.4	46.2
39 MISC. MANUFACTURING INDUSTRIES	102.3	28.9	73.4	39 MISC. MANUFACTURING INDUSTRIES	62.4	16.4	46.0
NEW YORK, TOTAL	1 506.0	320.2	1 185.8	OHIO, TOTAL	1 695.4	314.2	1 381.2
20 FOOD AND KINDRED PRODUCTS	131.2	35.7	95.5	20 FOOD AND KINDRED PRODUCTS	86.9	20.7	66.2
21 TOBACCO PRODUCTS	0	0	0	21 TOBACCO PRODUCTS	0	0	0
22 TEXTILE MILL PRODUCTS	59.9	12.9	47.0	22 TEXTILE MILL PRODUCTS	9.4	1.7	7.8
23 APPAREL, OTHER TEXTILE PRODS	65.1	15.3	49.8	23 APPAREL, OTHER TEXTILE PRODS	0	0	0
24 LUMBER AND WOOD PRODUCTS	16.2	5.2	11.0	24 LUMBER AND WOOD PRODUCTS	14.9	5.6	9.3
25 FURNITURE AND FIXTURES	15.5	6.0	9.5	25 FURNITURE AND FIXTURES	10.6	4.4	6.1
26 PAPER AND ALLIED PRODUCTS	67.4	10.7	56.7	26 PAPER AND ALLIED PRODUCTS	38.4	8.1	30.3
27 PRINTING AND PUBLISHING	149.4	29.5	120.0	27 PRINTING AND PUBLISHING	47.6	9.5	38.1
28 CHEMICALS AND ALLIED PRODUCTS	115.8	26.1	89.8	28 CHEMICALS AND ALLIED PRODUCTS	118.7	31.0	87.7
29 PETROLEUM AND COAL PRODUCTS	0	0	0	29 PETROLEUM AND COAL PRODUCTS	39.4	31.5	8.0
30 RUBBER, MISC. PLASTICS PROD.	45.3	9.6	35.7	30 RUBBER, MISC. PLASTICS PROD.	159.2	33.2	126.0
31 LEATHER AND LEATHER PRODUCTS	7.9	2.3	5.6	31 LEATHER AND LEATHER PRODUCTS	0	0	0
32 STONE, CLAY, GLASS PRODUCTS	60.7	13.6	47.2	32 STONE, CLAY, GLASS PRODUCTS	90.6	12.6	78.0
33 PRIMARY METAL INDUSTRIES	82.5	16.4	66.1	33 PRIMARY METAL INDUSTRIES	248.5	28.9	219.6
34 FABRICATED METAL PRODUCTS	79.0	14.2	64.9	34 FABRICATED METAL PRODUCTS	130.7	28.8	101.9
35 MACHINERY, EXCEPT ELECTRICAL	158.7	34.4	124.4	35 MACHINERY, EXCEPT ELECTRICAL	184.2	38.6	145.6
36 ELECTRIC, ELECTRONIC EQUIP	126.8	28.7	98.1	36 ELECTRIC, ELECTRONIC EQUIP	82.6	14.7	67.9
37 TRANSPORTATION EQUIPMENT	129.5	14.7	114.8	37 TRANSPORTATION EQUIPMENT	391.7	32.7	359.0
38 INSTRUMENTS, RELATED PRODUCTS	128.0	25.5	102.5	38 INSTRUMENTS, RELATED PRODUCTS	11.4	3.9	7.5
39 MISC. MANUFACTURING INDUSTRIES	46.2	11.2	35.0	39 MISC. MANUFACTURING INDUSTRIES	14.4	3.2	11.2
NEW JERSEY, TOTAL	940.1	222.8	717.3	INDIANA, TOTAL	907.3	216.2	691.0
20 FOOD AND KINDRED PRODUCTS	86.8	21.6	65.2	20 FOOD AND KINDRED PRODUCTS	56.0	11.8	44.2
21 TOBACCO PRODUCTS	0	0	0	21 TOBACCO PRODUCTS	0	0	0
22 TEXTILE MILL PRODUCTS	44.3	7.0	37.3	22 TEXTILE MILL PRODUCTS	4	0	4
23 APPAREL, OTHER TEXTILE PRODS	13.9	3.8	10.1	23 APPAREL, OTHER TEXTILE PRODS	2.3	0	2.3
24 LUMBER AND WOOD PRODUCTS	6.7	0	5.9	24 LUMBER AND WOOD PRODUCTS	21.3	8.7	12.6
25 FURNITURE AND FIXTURES	7.9	4.1	3.8	25 FURNITURE AND FIXTURES	9.5	2.9	6.6
26 PAPER AND ALLIED PRODUCTS	32.8	5.2	27.6	26 PAPER AND ALLIED PRODUCTS	13.5	3.2	10.2
27 PRINTING AND PUBLISHING	32.1	6.5	25.6	27 PRINTING AND PUBLISHING	25.1	3.4	21.7
28 CHEMICALS AND ALLIED PRODUCTS	231.4	59.9	171.5	28 CHEMICALS AND ALLIED PRODUCTS	53.9	15.7	38.2
29 PETROLEUM AND COAL PRODUCTS	0	0	0	29 PETROLEUM AND COAL PRODUCTS	34.3	4.8	29.5
30 RUBBER, MISC. PLASTICS PROD.	73.9	14.9	59.0	30 RUBBER, MISC. PLASTICS PROD.	36.8	8.7	28.1
31 LEATHER AND LEATHER PRODUCTS	2.0	0	2.0	31 LEATHER AND LEATHER PRODUCTS	0	0	0
32 STONE, CLAY, GLASS PRODUCTS	60.5	10.4	50.1	32 STONE, CLAY, GLASS PRODUCTS	44.6	5.8	38.8
33 PRIMARY METAL INDUSTRIES	30.1	4.6	25.6	33 PRIMARY METAL INDUSTRIES	234.6	73.4	161.2
34 FABRICATED METAL PRODUCTS	45.7	9.5	36.2	34 FABRICATED METAL PRODUCTS	62.2	11.6	50.6
35 MACHINERY, EXCEPT ELECTRICAL	67.2	11.7	55.5	35 MACHINERY, EXCEPT ELECTRICAL	78.6	26.9	51.7
36 ELECTRIC, ELECTRONIC EQUIP	66.4	10.5	55.9	36 ELECTRIC, ELECTRONIC EQUIP	78.0	13.9	64.1
37 TRANSPORTATION EQUIPMENT	31.7	3.7	28.0	37 TRANSPORTATION EQUIPMENT	143.1	22.0	121.1
38 INSTRUMENTS, RELATED PRODUCTS	33.4	15.5	17.8	38 INSTRUMENTS, RELATED PRODUCTS	6.6	1.0	5.6
39 MISC. MANUFACTURING INDUSTRIES	24.2	8.6	15.7	39 MISC. MANUFACTURING INDUSTRIES	5.7	1.3	4.4
PENNSYLVANIA, TOTAL	1 479.3	343.7	1 135.6	ILLINOIS, TOTAL	1 564.0	337.8	1 226.2
20 FOOD AND KINDRED PRODUCTS	163.7	52.0	111.7	20 FOOD AND KINDRED PRODUCTS	213.8	62.0	151.8
21 TOBACCO PRODUCTS	0	0	0	21 TOBACCO PRODUCTS	0	0	0
22 TEXTILE MILL PRODUCTS	51.0	9.9	41.2	22 TEXTILE MILL PRODUCTS	4.2	1.4	2.8
23 APPAREL, OTHER TEXTILE PRODS	30.9	7.4	23.4	23 APPAREL, OTHER TEXTILE PRODS	10.7	2.4	8.3
24 LUMBER AND WOOD PRODUCTS	35.9	12.6	23.3	24 LUMBER AND WOOD PRODUCTS	11.1	3.5	7.6
25 FURNITURE AND FIXTURES	12.4	4.5	7.9	25 FURNITURE AND FIXTURES	15.1	3.3	11.7
26 PAPER AND ALLIED PRODUCTS	42.9	12.3	30.6	26 PAPER AND ALLIED PRODUCTS	37.9	8.0	29.9
27 PRINTING AND PUBLISHING	69.1	11.7	57.4	27 PRINTING AND PUBLISHING	91.4	16.7	74.7
28 CHEMICALS AND ALLIED PRODUCTS	104.8	22.8	81.9	28 CHEMICALS AND ALLIED PRODUCTS	170.6	37.4	133.1
29 PETROLEUM AND COAL PRODUCTS	115.4	51.5	63.9	29 PETROLEUM AND COAL PRODUCTS	131.0	28.8	102.2
30 RUBBER, MISC. PLASTICS PROD.	44.9	8.5	36.4	30 RUBBER, MISC. PLASTICS PROD.	78.4	17.5	61.0
31 LEATHER AND LEATHER PRODUCTS	0	0	0	31 LEATHER AND LEATHER PRODUCTS	0	0	0
32 STONE, CLAY, GLASS PRODUCTS	105.8	16.9	88.9	32 STONE, CLAY, GLASS PRODUCTS	69.8	11.8	58.0
33 PRIMARY METAL INDUSTRIES	291.9	48.4	243.5	33 PRIMARY METAL INDUSTRIES	149.8	24.5	125.3
34 FABRICATED METAL PRODUCTS	78.2	19.8	58.4	34 FABRICATED METAL PRODUCTS	130.3	23.3	107.1
35 MACHINERY, EXCEPT ELECTRICAL	109.1	18.1	90.9	35 MACHINERY, EXCEPT ELECTRICAL	192.5	34.5	158.0
36 ELECTRIC, ELECTRONIC EQUIP	105.6	20.1	85.5	36 ELECTRIC, ELECTRONIC EQUIP	153.4	37.7	115.7
37 TRANSPORTATION EQUIPMENT	55.2	14.2	41.0	37 TRANSPORTATION EQUIPMENT	38.7	8.6	30.1
38 INSTRUMENTS, RELATED PRODUCTS	19.1	4.8	14.3	38 INSTRUMENTS, RELATED PRODUCTS	34.9	8.3	26.6
39 MISC. MANUFACTURING INDUSTRIES	31.9	9.1	22.7	39 MISC. MANUFACTURING INDUSTRIES	26.8	7.5	19.4

See footnotes at end of table.

TABLE 4. Manufacturers' Expenditures for New Plant and Equipment by Division and State and by Major Industry Group: 1972—Continued

(Millions of dollars)

Division, State, and major industry group	Establishments in operation and under construction			Division, State, and major industry group	Establishments in operation and under construction		
	Total expenditures	New structures and additions to plant	New machinery and equipment		Total expenditures	New structures and additions to plant	New machinery and equipment
MICHIGAN, TOTAL	2 071.4	247.7	1 823.7	IOWA, TOTAL	329.4	80.6	248.8
20 FOOD AND KINDRED PRODUCTS	70.9	15.5	55.5	20 FOOD AND KINDRED PRODUCTS	96.4	25.3	71.1
21 TOBACCO PRODUCTS (D)	(D)	(D)	(D)	21 TOBACCO PRODUCTS (D)	(D)	(D)	(D)
22 TEXTILE MILL PRODUCTS	2.0	.2	1.8	22 TEXTILE MILL PRODUCTS . . . . .	.1	(2)	.1
23 APPAREL, OTHER TEXTILE PRODS (D)	(D)	(D)	(D)	23 APPAREL, OTHER TEXTILE PRODS	1.0	.3	.7
24 LUMBER AND WOOD PRODUCTS	20.6	7.0	13.6	24 LUMBER AND WOOD PRODUCTS	5.0	2.5	2.5
25 FURNITURE AND FIXTURES	14.4	2.4	12.0	25 FURNITURE AND FIXTURES	2.7	.2	2.5
26 PAPER AND ALLIED PRODUCTS	47.0	6.9	40.2	26 PAPER AND ALLIED PRODUCTS	8.5	2.0	6.5
27 PRINTING AND PUBLISHING	48.2	17.4	30.8	27 PRINTING AND PUBLISHING	14.6	2.5	12.1
28 CHEMICALS AND ALLIED PRODUCTS	91.6	10.8	80.8	28 CHEMICALS AND ALLIED PRODUCTS	25.2	3.5	21.7
29 PETROLEUM AND COAL PRODUCTS	38.8	12.7	26.1	29 PETROLEUM AND COAL PRODUCTS	1.2	.5	.7
30 RUBBER, MISC. PLASTICS PROD.	43.7	6.8	36.9	30 RUBBER, MISC. PLASTICS PROD.	18.9	2.7	16.2
31 LEATHER AND LEATHER PRODUCTS (D)	(D)	(D)	(D)	31 LEATHER AND LEATHER PRODUCTS . . . . .	.2	(2)	.2
32 STONE, CLAY, GLASS PRODUCTS	42.8	9.1	33.7	32 STONE, CLAY, GLASS PRODUCTS	8.6	1.4	7.1
33 PRIMARY METAL INDUSTRIES	213.3	51.6	161.7	33 PRIMARY METAL INDUSTRIES	12.5	2.9	9.6
34 FABRICATED METAL PRODUCTS	128.9	22.3	106.5	34 FABRICATED METAL PRODUCTS	16.2	5.6	10.7
35 MACHINERY, EXCEPT ELECTRICAL	111.7	20.2	91.5	35 MACHINERY, EXCEPT ELECTRICAL	65.8	12.5	53.3
36 ELECTRIC, ELECTRONIC EQUIP	19.6	3.9	15.8	36 ELECTRIC, ELECTRONIC EQUIP	13.0	4.0	9.0
37 TRANSPORTATION EQUIPMENT	1 160.1	57.1	1 103.0	37 TRANSPORTATION EQUIPMENT	33.0	13.0	19.9
38 INSTRUMENTS, RELATED PRODUCTS	4.3	.9	3.4	38 INSTRUMENTS, RELATED PRODUCTS	2.8	.7	2.1
39 MISC. MANUFACTURING INDUSTRIES	5.1	1.4	3.7	39 MISC. MANUFACTURING INDUSTRIES	3.8	1.0	2.9
WISCONSIN, TOTAL	535.3	115.1	420.2	MISSOURI, TOTAL	395.9	93.9	302.0
20 FOOD AND KINDRED PRODUCTS	96.6	20.6	75.9	20 FOOD AND KINDRED PRODUCTS	74.2	22.7	51.5
21 TOBACCO PRODUCTS (D)	(D)	(D)	(D)	21 TOBACCO PRODUCTS (D)	(D)	(D)	(D)
22 TEXTILE MILL PRODUCTS	2.5	.2	2.3	22 TEXTILE MILL PRODUCTS	(D)	(D)	(D)
23 APPAREL, OTHER TEXTILE PRODS	2.5	.4	2.1	23 APPAREL, OTHER TEXTILE PRODS	4.8	1.1	3.7
24 LUMBER AND WOOD PRODUCTS	24.6	6.3	18.3	24 LUMBER AND WOOD PRODUCTS	7.2	2.4	4.7
25 FURNITURE AND FIXTURES	6.4	2.7	3.6	25 FURNITURE AND FIXTURES	4.1	1.9	2.2
26 PAPER AND ALLIED PRODUCTS	68.8	10.4	58.4	26 PAPER AND ALLIED PRODUCTS	16.0	.7	15.3
27 PRINTING AND PUBLISHING	29.4	5.1	24.3	27 PRINTING AND PUBLISHING	68.4	21.3	47.0
28 CHEMICALS AND ALLIED PRODUCTS	12.1	3.3	8.8	28 CHEMICALS AND ALLIED PRODUCTS	37.0	8.6	28.4
29 PETROLEUM AND COAL PRODUCTS	5.1	4.4	.6	29 PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)
30 RUBBER, MISC. PLASTICS PROD.	15.9	2.7	13.1	30 RUBBER, MISC. PLASTICS PROD.	13.0	3.3	9.7
31 LEATHER AND LEATHER PRODUCTS (D)	(D)	(D)	(D)	31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)
32 STONE, CLAY, GLASS PRODUCTS	15.6	4.8	10.8	32 STONE, CLAY, GLASS PRODUCTS	18.6	3.1	15.5
33 PRIMARY METAL INDUSTRIES	24.1	4.4	19.7	33 PRIMARY METAL INDUSTRIES	15.3	3.0	12.3
34 FABRICATED METAL PRODUCTS	58.3	12.3	46.0	34 FABRICATED METAL PRODUCTS	28.1	4.4	23.7
35 MACHINERY, EXCEPT ELECTRICAL	79.9	18.5	61.3	35 MACHINERY, EXCEPT ELECTRICAL	21.3	4.0	17.3
36 ELECTRIC, ELECTRONIC EQUIP	30.3	5.5	24.8	36 ELECTRIC, ELECTRONIC EQUIP	26.8	7.4	19.4
37 TRANSPORTATION EQUIPMENT	44.2	8.0	36.2	37 TRANSPORTATION EQUIPMENT	44.0	5.3	38.7
38 INSTRUMENTS, RELATED PRODUCTS	4.4	1.2	3.1	38 INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)
39 MISC. MANUFACTURING INDUSTRIES	10.3	3.0	7.3	39 MISC. MANUFACTURING INDUSTRIES	5.3	2.5	2.9
WEST NORTH CENTRAL DIVISION, TOTAL	1 365.6	360.9	1 004.8	NORTH DAKOTA, TOTAL	13.3	2.9	10.4
20 FOOD AND KINDRED PRODUCTS	303.0	89.9	213.1	20 FOOD AND KINDRED PRODUCTS	5.3	.8	4.5
21 TOBACCO PRODUCTS (D)	(D)	(D)	(D)	21 TOBACCO PRODUCTS (D)	(D)	(D)	(D)
22 TEXTILE MILL PRODUCTS	2.6	.6	2.0	22 TEXTILE MILL PRODUCTS . . . . .	.3	(D)	.2
23 APPAREL, OTHER TEXTILE PRODS	14.5	7.3	7.2	23 APPAREL, OTHER TEXTILE PRODS	(D)	(D)	(D)
24 LUMBER AND WOOD PRODUCTS	30.2	11.5	18.7	24 LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)
25 FURNITURE AND FIXTURES	13.1	5.0	8.1	25 FURNITURE AND FIXTURES	(D)	(D)	(D)
26 PAPER AND ALLIED PRODUCTS	63.1	6.8	56.4	26 PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)
27 PRINTING AND PUBLISHING	127.2	34.4	92.8	27 PRINTING AND PUBLISHING	1.9	.4	1.6
28 CHEMICALS AND ALLIED PRODUCTS	106.7	23.8	82.8	28 CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)
29 PETROLEUM AND COAL PRODUCTS	37.6	22.9	14.6	29 PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)
30 RUBBER, MISC. PLASTICS PROD.	71.2	14.7	56.6	30 RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)
31 LEATHER AND LEATHER PRODUCTS (D)	(D)	(D)	(D)	31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)
32 STONE, CLAY, GLASS PRODUCTS	69.9	14.0	55.9	32 STONE, CLAY, GLASS PRODUCTS	1.8	.5	1.3
33 PRIMARY METAL INDUSTRIES	42.4	9.3	33.2	33 PRIMARY METAL INDUSTRIES	(D)	(D)	(D)
34 FABRICATED METAL PRODUCTS	84.0	22.3	61.8	34 FABRICATED METAL PRODUCTS	(D)	(D)	(D)
35 MACHINERY, EXCEPT ELECTRICAL	173.8	38.7	135.2	35 MACHINERY, EXCEPT ELECTRICAL	2.1	.7	1.4
36 ELECTRIC, ELECTRONIC EQUIP	68.4	17.7	50.6	36 ELECTRIC, ELECTRONIC EQUIP	(D)	(D)	(D)
37 TRANSPORTATION EQUIPMENT	110.3	27.6	82.7	37 TRANSPORTATION EQUIPMENT	(D)	(D)	(D)
38 INSTRUMENTS, RELATED PRODUCTS	19.8	4.5	15.3	38 INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)
39 MISC. MANUFACTURING INDUSTRIES	18.7	6.2	12.5	39 MISC. MANUFACTURING INDUSTRIES . . . . .	.3	(2)	.2
MINNESOTA, TOTAL	305.5	74.1	231.4	SOUTH DAKOTA, TOTAL	20.1	6.3	13.8
20 FOOD AND KINDRED PRODUCTS	50.3	12.3	38.1	20 FOOD AND KINDRED PRODUCTS	6.3	1.9	4.4
21 TOBACCO PRODUCTS (D)	(D)	(D)	(D)	21 TOBACCO PRODUCTS (D)	(D)	(D)	(D)
22 TEXTILE MILL PRODUCTS	1.7	.5	1.2	22 TEXTILE MILL PRODUCTS . . . . .	.9	.9	2.3
23 APPAREL, OTHER TEXTILE PRODS	3.8	2.3	1.5	23 APPAREL, OTHER TEXTILE PRODS	3.2	(2)	(2)
24 LUMBER AND WOOD PRODUCTS	10.7	3.9	6.8	24 LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)
25 FURNITURE AND FIXTURES	1.8	.7	1.1	25 FURNITURE AND FIXTURES	(D)	(D)	(D)
26 PAPER AND ALLIED PRODUCTS	33.9	3.1	30.8	26 PAPER AND ALLIED PRODUCTS	2.4	.9	1.5
27 PRINTING AND PUBLISHING	22.8	6.0	16.8	27 PRINTING AND PUBLISHING	(D)	(D)	(D)
28 CHEMICALS AND ALLIED PRODUCTS	11.2	2.6	8.6	28 CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)
29 PETROLEUM AND COAL PRODUCTS	7.4	3.8	3.6	29 PETROLEUM AND COAL PRODUCTS . . . . .	.1	(2)	.1
30 RUBBER, MISC. PLASTICS PROD. (D)	(D)	(D)	(D)	30 RUBBER, MISC. PLASTICS PROD. . . . .	.5	.2	.2
31 LEATHER AND LEATHER PRODUCTS	14.4	3.8	10.6	31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)
32 STONE, CLAY, GLASS PRODUCTS	10.6	2.2	8.5	32 STONE, CLAY, GLASS PRODUCTS	1.8	.2	1.5
33 PRIMARY METAL INDUSTRIES	8.3	1.1	7.3	33 PRIMARY METAL INDUSTRIES	(D)	(D)	(D)
34 FABRICATED METAL PRODUCTS	23.2	4.7	18.5	34 FABRICATED METAL PRODUCTS	(D)	(D)	(D)
35 MACHINERY, EXCEPT ELECTRICAL	49.7	10.2	39.6	35 MACHINERY, EXCEPT ELECTRICAL	2.1	1.0	1.1
36 ELECTRIC, ELECTRONIC EQUIP	16.3	4.1	12.2	36 ELECTRIC, ELECTRONIC EQUIP	(D)	(D)	(D)
37 TRANSPORTATION EQUIPMENT	18.3	5.8	12.6	37 TRANSPORTATION EQUIPMENT	(D)	(D)	(D)
38 INSTRUMENTS, RELATED PRODUCTS	8.2	2.1	6.1	38 INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)
39 MISC. MANUFACTURING INDUSTRIES (D)	(D)	(D)	(D)	39 MISC. MANUFACTURING INDUSTRIES . . . . .	.1	(2)	.1

See footnotes at end of table.

TABLE 4. Manufacturers' Expenditures for New Plant and Equipment by Division and State and by Major Industry Group: 1972—Continued

(Millions of dollars)

Division, State, and major industry group	Establishments in operation and under construction			Division, State, and major industry group	Establishments in operation and under construction		
	Total expenditures	New structures and additions to plant	New machinery and equipment		Total expenditures	New structures and additions to plant	New machinery and equipment
NEBRASKA, TOTAL	102.3	27.1	75.2	MARYLAND, TOTAL	310.3	56.2	254.2
20 FOOD AND KINDRED PRODUCTS	26.5	7.9	19.7	20 FOOD AND KINDRED PRODUCTS	37.7	13.5	24.3
22 TEXTILE MILL PRODUCTS	(D)	(D)	(D)	22 TEXTILE MILL PRODUCTS . . . . .	.9	.1	.8
23 APPAREL, OTHER TEXTILE PRODS . . . . .	.3	(Z)	.2	23 APPAREL, OTHER TEXTILE PRODS	2.6	.6	2.0
24 LUMBER AND WOOD PRODUCTS	1.3	.4	.9	24 LUMBER AND WOOD PRODUCTS	4.9	.9	4.1
25 FURNITURE AND FIXTURES	2.7	1.3	1.4	25 FURNITURE AND FIXTURES	2.9	.1	2.8
26 PAPER AND ALLIED PRODUCTS . . . . .	.5	(Z)	.4	26 PAPER AND ALLIED PRODUCTS	21.7	4.7	17.0
27 PRINTING AND PUBLISHING	5.7	.9	4.8	27 PRINTING AND PUBLISHING	16.1	1.6	14.4
28 CHEMICALS AND ALLIED PRODUCTS	5.6	2.1	3.5	28 CHEMICALS AND ALLIED PRODUCTS	56.0	6.0	50.0
29 PETROLEUM AND COAL PRODUCTS . . . . .	.5	.1	.4	29 PETROLEUM AND COAL PRODUCTS	2.8	.4	2.4
30 RUBBER, MISC. PLASTICS PROD.	3.8	.6	3.2	30 RUBBER, MISC. PLASTICS PROD.	17.1	2.7	14.4
31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	31 LEATHER AND LEATHER PRODUCTS . . . . .	.3	(Z)	.2
32 STONE, CLAY, GLASS PRODUCTS	19.1	4.6	14.4	32 STONE, CLAY, GLASS PRODUCTS	13.4	3.2	10.2
33 PRIMARY METAL INDUSTRIES	4.6	1.8	2.8	33 PRIMARY METAL INDUSTRIES	56.0	10.0	46.0
34 FABRICATED METAL PRODUCTS	4.3	1.5	2.8	34 FABRICATED METAL PRODUCTS	17.3	3.2	14.1
35 MACHINERY, EXCEPT ELECTRICAL	13.2	3.8	9.3	35 MACHINERY, EXCEPT ELECTRICAL	18.7	2.0	16.7
36 ELECTRIC, ELECTRONIC EQUIP	7.9	.7	7.2	36 ELECTRIC, ELECTRONIC EQUIP	23.4	2.9	20.5
37 TRANSPORTATION EQUIPMENT	2.2	.8	1.4	37 TRANSPORTATION EQUIPMENT	14.2	3.1	11.1
38 INSTRUMENTS, RELATED PRODUCTS	2.9	.2	2.6	38 INSTRUMENTS, RELATED PRODUCTS	2.1	.7	1.4
39 MISC. MANUFACTURING INDUSTRIES . . . . .	.9	.2	.7	39 MISC. MANUFACTURING INDUSTRIES	2.2	.4	1.8
KANSAS, TOTAL	199.2	76.0	123.2	DISTRICT OF COLUMBIA, TOTAL	19.4	6.9	12.5
20 FOOD AND KINDRED PRODUCTS	43.9	19.0	25.0	20 FOOD AND KINDRED PRODUCTS	1.5	.2	1.3
22 TEXTILE MILL PRODUCTS	(D)	(D)	(D)	22 TEXTILE MILL PRODUCTS . . . . .	.2	.1	.1
23 APPAREL, OTHER TEXTILE PRODS	4.4	3.5	.9	23 APPAREL, OTHER TEXTILE PRODS	(Z)	(Z)	(Z)
24 LUMBER AND WOOD PRODUCTS	2.6	1.4	1.2	24 LUMBER AND WOOD PRODUCTS . . . . .	.1	(Z)	(Z)
25 FURNITURE AND FIXTURES	1.7	.9	.8	25 FURNITURE AND FIXTURES	(D)	(D)	(D)
26 PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)	26 PAPER AND ALLIED PRODUCTS	16.0	5.9	10.1
27 PRINTING AND PUBLISHING	11.4	2.5	8.9	27 PRINTING AND PUBLISHING	(D)	(D)	(D)
28 CHEMICALS AND ALLIED PRODUCTS	27.2	7.0	20.2	28 CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)
29 PETROLEUM AND COAL PRODUCTS	22.3	17.5	4.9	29 PETROLEUM AND COAL PRODUCTS	-	-	-
30 RUBBER, MISC. PLASTICS PROD.	20.5	4.0	16.5	30 RUBBER, MISC. PLASTICS PROD.	(D)	(Z)	(D)
31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	31 LEATHER AND LEATHER PRODUCTS . . . . .	.3	.1	.2
32 STONE, CLAY, GLASS PRODUCTS	9.5	2.0	7.5	32 STONE, CLAY, GLASS PRODUCTS . . . . .	.3	.2	.1
33 PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	33 PRIMARY METAL INDUSTRIES . . . . .	.4	.3	.1
34 FABRICATED METAL PRODUCTS	11.8	5.9	5.9	34 FABRICATED METAL PRODUCTS	(D)	(D)	(D)
35 MACHINERY, EXCEPT ELECTRICAL	19.7	6.5	13.3	35 MACHINERY, EXCEPT ELECTRICAL . . . . .	.1	(Z)	(Z)
36 ELECTRIC, ELECTRONIC EQUIP	4.1	1.5	2.5	36 ELECTRIC, ELECTRONIC EQUIP	(Z)	(Z)	(Z)
37 TRANSPORTATION EQUIPMENT	12.5	2.6	9.9	37 TRANSPORTATION EQUIPMENT	(D)	(D)	(D)
38 INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	38 INSTRUMENTS, RELATED PRODUCTS	(Z)	(Z)	(Z)
39 MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	39 MISC. MANUFACTURING INDUSTRIES	(Z)	(Z)	(Z)
SOUTH ATLANTIC DIVISION, TOTAL	3 867.3	855.9	3 011.4	VIRGINIA, TOTAL	585.8	177.4	408.4
20 FOOD AND KINDRED PRODUCTS	307.6	83.5	224.1	20 FOOD AND KINDRED PRODUCTS	60.4	23.1	37.2
21 TOBACCO PRODUCTS	102.6	46.0	56.6	21 TOBACCO PRODUCTS	(D)	(D)	(D)
22 TEXTILE MILL PRODUCTS	763.5	144.9	618.6	22 TEXTILE MILL PRODUCTS	79.4	13.6	65.8
23 APPAREL, OTHER TEXTILE PRODS	82.4	20.7	61.7	23 APPAREL, OTHER TEXTILE PRODS	12.7	4.1	8.7
24 LUMBER AND WOOD PRODUCTS	150.2	36.6	113.6	24 LUMBER AND WOOD PRODUCTS	26.9	6.8	20.1
25 FURNITURE AND FIXTURES	93.0	38.8	54.2	25 FURNITURE AND FIXTURES	30.2	12.1	18.1
26 PAPER AND ALLIED PRODUCTS	386.8	63.3	323.5	26 PAPER AND ALLIED PRODUCTS	36.0	3.5	32.5
27 PRINTING AND PUBLISHING	110.3	25.5	84.8	27 PRINTING AND PUBLISHING	12.5	2.7	9.8
28 CHEMICALS AND ALLIED PRODUCTS	639.9	94.5	545.4	28 CHEMICALS AND ALLIED PRODUCTS	61.8	7.4	54.4
29 PETROLEUM AND COAL PRODUCTS	36.5	18.9	17.7	29 PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)
30 RUBBER, MISC. PLASTICS PROD.	158.8	45.1	113.7	30 RUBBER, MISC. PLASTICS PROD.	38.6	9.6	29.0
31 LEATHER AND LEATHER PRODUCTS	5.2	.6	4.5	31 LEATHER AND LEATHER PRODUCTS . . . . .	.6	.1	.4
32 STONE, CLAY, GLASS PRODUCTS	204.9	38.0	166.8	32 STONE, CLAY, GLASS PRODUCTS	17.8	3.1	14.6
33 PRIMARY METAL INDUSTRIES	224.3	39.3	185.0	33 PRIMARY METAL INDUSTRIES	42.0	15.2	26.8
34 FABRICATED METAL PRODUCTS	110.6	28.4	82.2	34 FABRICATED METAL PRODUCTS	10.3	2.7	7.6
35 MACHINERY, EXCEPT ELECTRICAL	155.9	33.4	122.5	35 MACHINERY, EXCEPT ELECTRICAL	12.8	2.3	10.5
36 ELECTRIC, ELECTRONIC EQUIP	162.2	48.4	113.8	36 ELECTRIC, ELECTRONIC EQUIP	33.8	16.3	17.5
37 TRANSPORTATION EQUIPMENT	123.3	34.7	88.6	37 TRANSPORTATION EQUIPMENT	30.3	10.9	19.3
38 INSTRUMENTS, RELATED PRODUCTS	25.3	7.0	18.2	38 INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)
39 MISC. MANUFACTURING INDUSTRIES	24.3	8.4	15.9	39 MISC. MANUFACTURING INDUSTRIES	1.2	.2	1.0
DELAWARE, TOTAL	91.5	18.4	73.1	WEST VIRGINIA, TOTAL	216.0	41.9	174.1
20 FOOD AND KINDRED PRODUCTS	12.2	3.4	8.8	20 FOOD AND KINDRED PRODUCTS	5.0	.9	4.1
22 TEXTILE MILL PRODUCTS . . . . .	.4	.1	.3	21 TOBACCO PRODUCTS	(D)	(D)	(D)
23 APPAREL, OTHER TEXTILE PRODS . . . . .	.3	(Z)	.3	22 TEXTILE MILL PRODUCTS . . . . .	.2	(Z)	.2
24 LUMBER AND WOOD PRODUCTS . . . . .	.7	.1	.5	23 APPAREL, OTHER TEXTILE PRODS . . . . .	.7	.3	.4
25 FURNITURE AND FIXTURES . . . . .	.1	(Z)	.1	24 LUMBER AND WOOD PRODUCTS	6.0	1.2	4.8
26 PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)	25 FURNITURE AND FIXTURES . . . . .	.4	(Z)	.4
27 PRINTING AND PUBLISHING	1.3	.3	1.0	26 PAPER AND ALLIED PRODUCTS . . . . .	.8	.1	.7
28 CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)	27 PRINTING AND PUBLISHING	3.0	.8	2.2
29 PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	28 CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)
30 RUBBER, MISC. PLASTICS PROD.	7.0	3.7	3.4	29 PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)
31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	30 RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)
32 STONE, CLAY, GLASS PRODUCTS	(D)	(D)	(D)	31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)
33 PRIMARY METAL INDUSTRIES	1.8	.2	1.6	32 STONE, CLAY, GLASS PRODUCTS	26.8	4.7	22.0
34 FABRICATED METAL PRODUCTS . . . . .	.6	(Z)	.5	33 PRIMARY METAL INDUSTRIES	57.1	5.4	51.7
35 MACHINERY, EXCEPT ELECTRICAL	2.4	.4	2.0	34 FABRICATED METAL PRODUCTS	9.9	2.1	7.8
36 ELECTRIC, ELECTRONIC EQUIP . . . . .	.8	.2	.6	35 MACHINERY, EXCEPT ELECTRICAL	3.8	1.0	2.9
37 TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	36 ELECTRIC, ELECTRONIC EQUIP	8.5	1.7	6.9
38 INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	37 TRANSPORTATION EQUIPMENT	1.8	.3	1.4
39 MISC. MANUFACTURING INDUSTRIES . . . . .	.1	(Z)	.1	38 INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)
				39 MISC. MANUFACTURING INDUSTRIES	1.3	.2	1.1

See footnotes at end of table.

TABLE 4. Manufacturers' Expenditures for New Plant and Equipment by Division and State and by Major Industry Group: 1972—Continued

(Millions of dollars)

Division, State, and major industry group	Establishments in operation and under construction			Division, State, and major industry group	Establishments in operation and under construction		
	Total expenditures	New structures and additions to plant	New machinery and equipment		Total expenditures	New structures and additions to plant	New machinery and equipment
NORTH CAROLINA, TOTAL	986.8	204.4	782.4	EAST SOUTH CENTRAL DIVISION, TOTAL	1 511.0	339.7	1 171.3
20 FOOD AND KINDRED PRODUCTS	44.9	8.9	36.0	20 FOOD AND KINDRED PRODUCTS	139.7	33.6	106.1
21 TOBACCO PRODUCTS	23.0	2.5	20.5	21 TOBACCO PRODUCTS	18.4	3.2	15.2
22 TEXTILE MILL PRODUCTS	386.4	75.8	310.6	22 TEXTILE MILL PRODUCTS	74.3	11.4	62.8
23 APPAREL, OTHER TEXTILE PRODS	22.3	5.7	16.7	23 APPAREL, OTHER TEXTILE PRODS	42.9	10.5	32.4
24 LUMBER AND WOOD PRODUCTS	33.9	9.1	24.8	24 LUMBER AND WOOD PRODUCTS	91.2	19.5	71.6
25 FURNITURE AND FIXTURES	43.4	20.6	22.8	25 FURNITURE AND FIXTURES	31.2	12.4	18.8
26 PAPER AND ALLIED PRODUCTS	38.9	5.6	33.3	26 PAPER AND ALLIED PRODUCTS	73.9	9.2	64.8
27 PRINTING AND PUBLISHING	11.2	2.2	9.1	27 PRINTING AND PUBLISHING	38.7	10.1	28.6
28 CHEMICALS AND ALLIED PRODUCTS	188.7	30.0	158.7	28 CHEMICALS AND ALLIED PRODUCTS	202.8	25.5	177.3
29 PETROLEUM AND COAL PRODUCTS . . . . .	.6	.1	.5	29 PETROLEUM AND COAL PRODUCTS	28.5	22.7	5.8
30 RUBBER, MISC. PLASTICS PROD.	30.2	9.1	21.1	30 RUBBER, MISC. PLASTICS PROD.	86.1	24.6	61.5
31 LEATHER AND LEATHER PRODUCTS . . . . .	.5	.1	.4	31 LEATHER AND LEATHER PRODUCTS	6.7	1.2	5.5
32 STONE, CLAY, GLASS PRODUCTS	31.8	5.2	26.6	32 STONE, CLAY, GLASS PRODUCTS	96.7	15.9	80.8
33 PRIMARY METAL INDUSTRIES	6.4	.9	5.5	33 PRIMARY METAL INDUSTRIES	196.6	39.8	156.8
34 FABRICATED METAL PRODUCTS	19.7	5.8	13.8	34 FABRICATED METAL PRODUCTS	65.1	12.2	52.9
35 MACHINERY, EXCEPT ELECTRICAL	49.6	8.4	41.1	35 MACHINERY, EXCEPT ELECTRICAL	115.0	32.8	82.2
36 ELECTRIC, ELECTRONIC EQUIP	36.1	8.6	27.5	36 ELECTRIC, ELECTRONIC EQUIP	95.2	22.8	72.4
37 TRANSPORTATION EQUIPMENT	5.9	1.4	4.5	37 TRANSPORTATION EQUIPMENT	81.7	24.1	57.5
38 INSTRUMENTS, RELATED PRODUCTS	8.4	2.5	5.8	38 INSTRUMENTS, RELATED PRODUCTS	12.0	4.5	7.5
39 MISC. MANUFACTURING INDUSTRIES	4.9	1.9	3.0	39 MISC. MANUFACTURING INDUSTRIES	14.4	3.6	10.8
SOUTH CAROLINA, TOTAL	506.8	106.9	400.0	KENTUCKY, TOTAL	380.0	102.3	277.7
20 FOOD AND KINDRED PRODUCTS	11.2	2.8	8.3	20 FOOD AND KINDRED PRODUCTS	35.4	10.9	24.5
21 TOBACCO PRODUCTS . . . . .	.2	(2)	.1	21 TOBACCO PRODUCTS	(0)	(0)	(0)
22 TEXTILE MILL PRODUCTS	161.8	26.6	135.3	22 TEXTILE MILL PRODUCTS	3.5	1.8	1.7
23 APPAREL, OTHER TEXTILE PRODS	13.4	4.7	10.7	23 APPAREL, OTHER TEXTILE PRODS	5.3	1.2	4.0
24 LUMBER AND WOOD PRODUCTS	22.6	4.1	18.4	24 LUMBER AND WOOD PRODUCTS	6.2	.9	5.3
25 FURNITURE AND FIXTURES	3.5	1.3	2.2	25 FURNITURE AND FIXTURES	1.9	.9	.9
26 PAPER AND ALLIED PRODUCTS	21.5	3.2	18.3	26 PAPER AND ALLIED PRODUCTS	9.7	.9	8.8
27 PRINTING AND PUBLISHING	5.6	2.0	3.5	27 PRINTING AND PUBLISHING	11.7	3.1	8.5
28 CHEMICALS AND ALLIED PRODUCTS	126.1	21.8	104.3	28 CHEMICALS AND ALLIED PRODUCTS	36.6	7.5	29.0
29 PETROLEUM AND COAL PRODUCTS	(0)	(0)	(0)	29 PETROLEUM AND COAL PRODUCTS	(0)	(0)	(0)
30 RUBBER, MISC. PLASTICS PROD.	(0)	(0)	(0)	30 RUBBER, MISC. PLASTICS PROD.	15.6	6.8	8.8
31 LEATHER AND LEATHER PRODUCTS	(2)	(2)	(2)	31 LEATHER AND LEATHER PRODUCTS	1.2	.4	.7
32 STONE, CLAY, GLASS PRODUCTS	21.7	5.4	16.3	32 STONE, CLAY, GLASS PRODUCTS	22.0	5.4	16.6
33 PRIMARY METAL INDUSTRIES	9.3	1.7	7.5	33 PRIMARY METAL INDUSTRIES	87.8	28.1	59.7
34 FABRICATED METAL PRODUCTS	7.1	2.4	4.7	34 FABRICATED METAL PRODUCTS	13.3	2.6	10.7
35 MACHINERY, EXCEPT ELECTRICAL	36.7	9.4	27.3	35 MACHINERY, EXCEPT ELECTRICAL	55.3	17.2	38.1
36 ELECTRIC, ELECTRONIC EQUIP	16.5	6.8	9.6	36 ELECTRIC, ELECTRONIC EQUIP	27.0	4.8	22.2
37 TRANSPORTATION EQUIPMENT	10.3	1.1	9.2	37 TRANSPORTATION EQUIPMENT	19.2	2.1	17.1
38 INSTRUMENTS, RELATED PRODUCTS	2.4	.8	1.6	38 INSTRUMENTS, RELATED PRODUCTS	2.8	.6	2.2
39 MISC. MANUFACTURING INDUSTRIES	5.2	2.8	2.4	39 MISC. MANUFACTURING INDUSTRIES	4.8	1.6	3.2
GEORGIA, TOTAL	687.7	143.8	544.0	TENNESSEE, TOTAL	540.0	101.2	438.9
20 FOOD AND KINDRED PRODUCTS	55.9	14.8	41.1	20 FOOD AND KINDRED PRODUCTS	60.7	11.7	49.0
21 TOBACCO PRODUCTS	(0)	(0)	(0)	21 TOBACCO PRODUCTS . . . . .	.6	.1	.5
22 TEXTILE MILL PRODUCTS	125.1	26.8	98.3	22 TEXTILE MILL PRODUCTS	22.4	4.2	18.3
23 APPAREL, OTHER TEXTILE PRODS	23.4	5.9	17.5	23 APPAREL, OTHER TEXTILE PRODS	14.9	4.6	10.3
24 LUMBER AND WOOD PRODUCTS	36.2	8.4	27.8	24 LUMBER AND WOOD PRODUCTS	13.9	3.6	10.3
25 FURNITURE AND FIXTURES	6.0	2.0	4.0	25 FURNITURE AND FIXTURES	14.4	4.2	10.2
26 PAPER AND ALLIED PRODUCTS	222.2	42.6	179.6	26 PAPER AND ALLIED PRODUCTS	27.3	5.2	22.1
27 PRINTING AND PUBLISHING	12.8	3.7	9.1	27 PRINTING AND PUBLISHING	16.8	2.7	14.0
28 CHEMICALS AND ALLIED PRODUCTS	30.0	4.8	25.2	28 CHEMICALS AND ALLIED PRODUCTS	99.3	11.1	88.1
29 PETROLEUM AND COAL PRODUCTS	1.8	.3	1.5	29 PETROLEUM AND COAL PRODUCTS	1.4	.2	1.2
30 RUBBER, MISC. PLASTICS PROD.	17.1	3.7	13.4	30 RUBBER, MISC. PLASTICS PROD.	38.2	11.0	27.2
31 LEATHER AND LEATHER PRODUCTS . . . . .	.9	.1	.8	31 LEATHER AND LEATHER PRODUCTS	5.3	.7	4.5
32 STONE, CLAY, GLASS PRODUCTS	43.9	9.4	34.5	32 STONE, CLAY, GLASS PRODUCTS	43.4	6.0	37.4
33 PRIMARY METAL INDUSTRIES	46.1	4.8	41.3	33 PRIMARY METAL INDUSTRIES	53.2	4.7	48.5
34 FABRICATED METAL PRODUCTS	20.3	4.7	15.6	34 FABRICATED METAL PRODUCTS	28.5	5.1	23.4
35 MACHINERY, EXCEPT ELECTRICAL	12.4	3.5	8.9	35 MACHINERY, EXCEPT ELECTRICAL	24.9	4.9	20.0
36 ELECTRIC, ELECTRONIC EQUIP	10.8	3.1	7.7	36 ELECTRIC, ELECTRONIC EQUIP	41.1	10.6	30.5
37 TRANSPORTATION EQUIPMENT	16.5	3.6	12.9	37 TRANSPORTATION EQUIPMENT	26.7	8.9	17.8
38 INSTRUMENTS, RELATED PRODUCTS	(0)	(0)	(0)	38 INSTRUMENTS, RELATED PRODUCTS	1.7	.6	1.0
39 MISC. MANUFACTURING INDUSTRIES	4.8	1.4	3.4	39 MISC. MANUFACTURING INDUSTRIES	5.4	1.1	4.4
FLORIDA, TOTAL	463.0	100.2	362.8	ALABAMA, TOTAL	355.1	58.1	297.0
20 FOOD AND KINDRED PRODUCTS	78.8	15.8	63.0	20 FOOD AND KINDRED PRODUCTS	24.4	6.2	18.2
21 TOBACCO PRODUCTS	3.5	.7	2.8	21 TOBACCO PRODUCTS	(0)	(0)	(0)
22 TEXTILE MILL PRODUCTS	9.3	2.0	7.3	22 TEXTILE MILL PRODUCTS	41.8	4.5	37.2
23 APPAREL, OTHER TEXTILE PRODS	6.7	1.3	5.2	23 APPAREL, OTHER TEXTILE PRODS	14.5	3.3	11.2
24 LUMBER AND WOOD PRODUCTS	19.0	6.0	13.0	24 LUMBER AND WOOD PRODUCTS	27.4	6.8	20.7
25 FURNITURE AND FIXTURES	6.5	2.6	3.9	25 FURNITURE AND FIXTURES	3.5	1.1	2.5
26 PAPER AND ALLIED PRODUCTS	44.2	3.5	40.7	26 PAPER AND ALLIED PRODUCTS	30.5	2.3	28.2
27 PRINTING AND PUBLISHING	31.9	6.3	25.6	27 PRINTING AND PUBLISHING	6.1	2.3	3.7
28 CHEMICALS AND ALLIED PRODUCTS	59.9	9.6	50.3	28 CHEMICALS AND ALLIED PRODUCTS	51.1	4.9	46.2
29 PETROLEUM AND COAL PRODUCTS	4.6	1.6	3.0	29 PETROLEUM AND COAL PRODUCTS	(0)	(0)	(0)
30 RUBBER, MISC. PLASTICS PROD.	15.7	4.5	11.2	30 RUBBER, MISC. PLASTICS PROD.	19.6	3.9	15.7
31 LEATHER AND LEATHER PRODUCTS	2.1	.2	1.9	31 LEATHER AND LEATHER PRODUCTS	(2)	(2)	(2)
32 STONE, CLAY, GLASS PRODUCTS	47.9	6.9	41.0	32 STONE, CLAY, GLASS PRODUCTS	20.0	2.5	17.4
33 PRIMARY METAL INDUSTRIES	5.5	1.0	4.5	33 PRIMARY METAL INDUSTRIES	51.2	5.9	45.3
34 FABRICATED METAL PRODUCTS	25.3	7.4	17.9	34 FABRICATED METAL PRODUCTS	17.8	3.2	14.5
35 MACHINERY, EXCEPT ELECTRICAL	19.2	6.1	13.1	35 MACHINERY, EXCEPT ELECTRICAL	10.2	.9	9.4
36 ELECTRIC, ELECTRONIC EQUIP	31.9	8.5	23.4	36 ELECTRIC, ELECTRONIC EQUIP	11.1	3.1	8.0
37 TRANSPORTATION EQUIPMENT	39.2	12.8	26.4	37 TRANSPORTATION EQUIPMENT	15.9	4.2	11.7
38 INSTRUMENTS, RELATED PRODUCTS	7.3	1.9	5.4	38 INSTRUMENTS, RELATED PRODUCTS	5.7	2.0	3.7
39 MISC. MANUFACTURING INDUSTRIES	4.6	1.4	3.2	39 MISC. MANUFACTURING INDUSTRIES	2.3	.7	1.6

See footnotes at end of table.

TABLE 4. Manufacturers' Expenditures for New Plant and Equipment by Division and State and by Major Industry Group: 1972—Continued

(Millions of dollars)

Division, State, and major industry group	Establishments in operation and under construction			Division, State, and major industry group	Establishments in operation and under construction		
	Total expenditures	New structures and additions to plant	New machinery and equipment		Total expenditures	New structures and additions to plant	New machinery and equipment
MISSISSIPPI, TOTAL	235.9	78.1	157.8	OKLAHOMA, TOTAL	223.8	53.5	170.3
20 FOOD AND KINDRED PRODUCTS	19.2	4.7	14.5	20 FOOD AND KINDRED PRODUCTS	15.9	3.8	12.1
22 TEXTILE MILL PRODUCTS	6.6	.9	5.7	21 TOBACCO PRODUCTS	(D)	(D)	(D)
23 APPAREL, OTHER TEXTILE PRODS	8.2	1.3	6.9	22 TEXTILE MILL PRODUCTS	3.0	1.0	2.0
24 LUMBER AND WOOD PRODUCTS	43.7	6.4	35.3	23 APPAREL, OTHER TEXTILE PRODS	2.5	.6	1.9
25 FURNITURE AND FIXTURES	11.4	6.3	5.1	24 LUMBER AND WOOD PRODUCTS	11.4	1.0	10.4
26 PAPER AND ALLIED PRODUCTS	6.4	.7	5.7	25 FURNITURE AND FIXTURES	1.4	.2	1.2
27 PRINTING AND PUBLISHING	4.2	1.9	2.3	26 PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)
28 CHEMICALS AND ALLIED PRODUCTS	15.8	2.0	13.8	27 PRINTING AND PUBLISHING	11.0	1.7	9.2
29 PETROLEUM AND COAL PRODUCTS	21.9	20.0	1.9	28 CHEMICALS AND ALLIED PRODUCTS	2.9	1.8	2.2
30 RUBBER, MISC. PLASTICS PROD.	12.8	2.9	9.9	29 PETROLEUM AND COAL PRODUCTS	32.1	13.1	19.1
31 LEATHER AND LEATHER PRODUCTS . . . . .	.3	(Z)	.2	30 RUBBER, MISC. PLASTICS PROD.	26.0	5.2	20.8
32 STONE, CLAY, GLASS PRODUCTS	11.4	2.0	9.4	31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)
33 PRIMARY METAL INDUSTRIES	4.4	1.1	3.3	32 STONE, CLAY, GLASS PRODUCTS	16.8	4.4	12.4
34 FABRICATED METAL PRODUCTS	5.5	1.3	4.2	33 PRIMARY METAL INDUSTRIES	3.7	.4	3.3
35 MACHINERY, EXCEPT ELECTRICAL	24.6	9.8	14.8	34 FABRICATED METAL PRODUCTS	11.7	4.8	6.8
36 ELECTRIC, ELECTRONIC EQUIP	16.0	4.3	11.6	35 MACHINERY, EXCEPT ELECTRICAL	44.0	9.6	34.4
37 TRANSPORTATION EQUIPMENT	19.9	8.9	11.0	36 ELECTRIC, ELECTRONIC EQUIP	8.4	1.1	7.3
38 INSTRUMENTS, RELATED PRODUCTS	2.0	1.3	.6	37 TRANSPORTATION EQUIPMENT	4.2	1.5	2.8
39 MISC. MANUFACTURING INDUSTRIES	1.9	.2	1.6	38 INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)
				39 MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION, TOTAL	2 327.5	650.3	1 677.2	TEXAS, TOTAL	1 345.5	358.5	987.0
20 FOOD AND KINDRED PRODUCTS	194.2	44.8	149.5	20 FOOD AND KINDRED PRODUCTS	109.5	25.7	83.8
21 TOBACCO PRODUCTS	(Z)	(Z)	(Z)	21 TOBACCO PRODUCTS	(D)	(D)	(D)
22 TEXTILE MILL PRODUCTS	14.9	3.3	11.7	22 TEXTILE MILL PRODUCTS . . . . .	.6	.3	.3
23 APPAREL, OTHER TEXTILE PRODS	39.1	19.5	19.6	23 APPAREL, OTHER TEXTILE PRODS	30.7	17.1	13.6
24 LUMBER AND WOOD PRODUCTS	103.7	23.8	79.9	24 LUMBER AND WOOD PRODUCTS	41.3	12.2	29.1
25 FURNITURE AND FIXTURES	19.5	5.5	13.9	25 FURNITURE AND FIXTURES	9.8	3.5	6.3
26 PAPER AND ALLIED PRODUCTS	127.7	11.4	116.3	26 PAPER AND ALLIED PRODUCTS	57.7	5.3	52.4
27 PRINTING AND PUBLISHING	70.0	15.8	54.1	27 PRINTING AND PUBLISHING	43.7	9.4	34.3
28 CHEMICALS AND ALLIED PRODUCTS	649.6	105.1	544.5	28 CHEMICALS AND ALLIED PRODUCTS	414.3	72.1	342.2
29 PETROLEUM AND COAL PRODUCTS	404.6	254.5	150.1	29 PETROLEUM AND COAL PRODUCTS	190.4	104.9	80.5
30 RUBBER, MISC. PLASTICS PROD.	73.1	20.2	52.9	30 RUBBER, MISC. PLASTICS PROD.	38.8	13.5	25.2
31 LEATHER AND LEATHER PRODUCTS	3.6	1.6	2.0	31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)
32 STONE, CLAY, GLASS PRODUCTS	106.6	23.9	82.7	32 STONE, CLAY, GLASS PRODUCTS	62.6	13.6	48.9
33 PRIMARY METAL INDUSTRIES	104.6	11.1	93.5	33 PRIMARY METAL INDUSTRIES	81.1	7.8	73.3
34 FABRICATED METAL PRODUCTS	95.7	31.8	63.8	34 FABRICATED METAL PRODUCTS	61.6	20.7	40.8
35 MACHINERY, EXCEPT ELECTRICAL	126.8	27.3	99.5	35 MACHINERY, EXCEPT ELECTRICAL	68.8	13.2	55.6
36 ELECTRIC, ELECTRONIC EQUIP	91.2	11.3	79.9	36 ELECTRIC, ELECTRONIC EQUIP	64.9	7.7	57.2
37 TRANSPORTATION EQUIPMENT	78.5	29.7	48.8	37 TRANSPORTATION EQUIPMENT	51.2	21.2	30.1
38 INSTRUMENTS, RELATED PRODUCTS	13.6	6.2	7.3	38 INSTRUMENTS, RELATED PRODUCTS	6.2	1.3	4.9
39 MISC. MANUFACTURING INDUSTRIES	10.6	3.5	7.1	39 MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)
ARKANSAS, TOTAL	190.0	45.8	144.2	MOUNTAIN DIVISION, TOTAL	723.6	187.4	536.2
20 FOOD AND KINDRED PRODUCTS	28.8	7.5	21.3	20 FOOD AND KINDRED PRODUCTS	113.2	34.7	78.5
22 TEXTILE MILL PRODUCTS	5.3	1.6	3.8	21 TOBACCO PRODUCTS	(D)	(D)	(D)
23 APPAREL, OTHER TEXTILE PRODS	2.1	.3	1.8	22 TEXTILE MILL PRODUCTS	1.0	.3	.7
24 LUMBER AND WOOD PRODUCTS	28.4	7.0	21.4	23 APPAREL, OTHER TEXTILE PRODS	4.1	1.4	2.7
25 FURNITURE AND FIXTURES	7.6	1.6	6.0	24 LUMBER AND WOOD PRODUCTS	58.3	21.5	36.8
26 PAPER AND ALLIED PRODUCTS	15.8	.6	15.2	25 FURNITURE AND FIXTURES	2.4	.8	1.7
27 PRINTING AND PUBLISHING	10.5	3.9	6.6	26 PAPER AND ALLIED PRODUCTS	28.6	2.4	26.2
28 CHEMICALS AND ALLIED PRODUCTS	10.1	2.4	7.7	27 PRINTING AND PUBLISHING	35.6	11.0	24.7
29 PETROLEUM AND COAL PRODUCTS	2.2	.3	1.9	28 CHEMICALS AND ALLIED PRODUCTS	38.9	6.4	32.5
30 RUBBER, MISC. PLASTICS PROD.	7.3	1.3	6.0	29 PETROLEUM AND COAL PRODUCTS	28.1	5.1	23.1
31 LEATHER AND LEATHER PRODUCTS	1.3	.5	.7	30 RUBBER, MISC. PLASTICS PROD.	19.8	7.8	12.0
32 STONE, CLAY, GLASS PRODUCTS	10.3	2.3	8.0	31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)
33 PRIMARY METAL INDUSTRIES	14.3	2.3	12.0	32 STONE, CLAY, GLASS PRODUCTS	81.8	10.7	71.1
34 FABRICATED METAL PRODUCTS	13.2	3.3	9.9	33 PRIMARY METAL INDUSTRIES	141.7	31.9	109.8
35 MACHINERY, EXCEPT ELECTRICAL	5.4	1.4	4.1	34 FABRICATED METAL PRODUCTS	32.3	7.7	24.7
36 ELECTRIC, ELECTRONIC EQUIP	11.3	1.9	9.4	35 MACHINERY, EXCEPT ELECTRICAL	33.9	9.9	23.9
37 TRANSPORTATION EQUIPMENT	8.6	3.4	5.2	36 ELECTRIC, ELECTRONIC EQUIP	40.8	12.1	28.7
38 INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	37 TRANSPORTATION EQUIPMENT	20.5	6.5	14.0
39 MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	38 INSTRUMENTS, RELATED PRODUCTS	33.5	13.8	19.7
				39 MISC. MANUFACTURING INDUSTRIES	7.2	2.7	4.5
LOUISIANA, TOTAL	568.2	192.5	375.7	MONTANA, TOTAL	75.8	22.7	53.1
20 FOOD AND KINDRED PRODUCTS	40.0	7.7	32.3	20 FOOD AND KINDRED PRODUCTS	7.1	2.2	4.9
21 TOBACCO PRODUCTS	(D)	(D)	(D)	21 TOBACCO PRODUCTS	(D)	(D)	(D)
22 TEXTILE MILL PRODUCTS	2.6	.2	2.5	22 TEXTILE MILL PRODUCTS	(Z)	(Z)	(Z)
23 APPAREL, OTHER TEXTILE PRODS	3.8	1.4	2.4	23 APPAREL, OTHER TEXTILE PRODS	16.3	6.6	9.7
24 LUMBER AND WOOD PRODUCTS	22.6	3.7	19.0	24 LUMBER AND WOOD PRODUCTS . . . . .	.1	.1	(Z)
25 FURNITURE AND FIXTURES . . . . .	.6	.2	.4	25 FURNITURE AND FIXTURES	(D)	(D)	(D)
26 PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)	26 PAPER AND ALLIED PRODUCTS	1.5	.4	1.0
27 PRINTING AND PUBLISHING	4.8	.7	4.1	27 PRINTING AND PUBLISHING	4.8	.2	4.7
28 CHEMICALS AND ALLIED PRODUCTS	222.2	29.9	192.3	28 CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)
29 PETROLEUM AND COAL PRODUCTS	179.9	131.3	48.6	29 PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)
30 RUBBER, MISC. PLASTICS PROD.	1.0	.2	.8	30 RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)
31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	31 LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)
32 STONE, CLAY, GLASS PRODUCTS	17.0	3.6	13.4	32 STONE, CLAY, GLASS PRODUCTS	9.3	.1	9.2
33 PRIMARY METAL INDUSTRIES	5.6	.7	4.9	33 PRIMARY METAL INDUSTRIES	(D)	(D)	(D)
34 FABRICATED METAL PRODUCTS	9.2	2.9	6.3	34 FABRICATED METAL PRODUCTS . . . . .	.2	.1	.1
35 MACHINERY, EXCEPT ELECTRICAL	8.5	3.1	5.4	35 MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)
36 ELECTRIC, ELECTRONIC EQUIP	6.6	.6	6.1	36 ELECTRIC, ELECTRONIC EQUIP	(D)	(D)	(D)
37 TRANSPORTATION EQUIPMENT	14.4	3.7	10.8	37 TRANSPORTATION EQUIPMENT . . . . .	.1	.1	.1
38 INSTRUMENTS, RELATED PRODUCTS . . . . .	.2	(Z)	.2	38 INSTRUMENTS, RELATED PRODUCTS . . . . .	.3	.1	.2
39 MISC. MANUFACTURING INDUSTRIES . . . . .	.7	.1	.5	39 MISC. MANUFACTURING INDUSTRIES . . . . .	.6	.2	.4

See footnotes at end of table.

TABLE 4. Manufacturers' Expenditures for New Plant and Equipment by Division and State and by Major Industry Group: 1972—Continued

(Millions of dollars)

Division, State, and major industry group	Establishments in operation and under construction			Division, State, and major industry group	Establishments in operation and under construction		
	Total expenditures	New structures and additions to plant	New machinery and equipment		Total expenditures	New structures and additions to plant	New machinery and equipment
IDAHO, TOTAL	74.9	21.2	53.7	ARIZONA, TOTAL	198.4	42.7	155.7
20 FOOD AND KINDRED PRODUCTS.	18.8	3.6	15.2	20 FOOD AND KINDRED PRODUCTS.	9.5	1.6	8.0
22 TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	22 TEXTILE MILL PRODUCTS.	(D)	(D)	(D)
23 APPAREL, OTHER TEXTILE PRODS.	(D)	(D)	(D)	23 APPAREL, OTHER TEXTILE PRODS.	1.2	.3	.9
24 LUMBER AND WOOD PRODUCTS.	24.9	9.3	15.6	24 LUMBER AND WOOD PRODUCTS.	5.6	1.3	4.3
25 FURNITURE AND FIXTURES. . . . .	.1	(Z)	.1	25 FURNITURE AND FIXTURES. . . . .	.9	.3	.6
26 PAPER AND ALLIED PRODUCTS.	(D)	(D)	(D)	26 PAPER AND ALLIED PRODUCTS.	4.5	1.4	3.1
27 PRINTING AND PUBLISHING.	2.3	1.5	.8	27 PRINTING AND PUBLISHING.	8.5	3.7	4.8
28 CHEMICALS AND ALLIED PRODUCTS.	4.8	.3	4.5	28 CHEMICALS AND ALLIED PRODUCTS.	8.9	1.9	7.0
29 PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)	29 PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)
30 RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	30 RUBBER, MISC. PLASTICS PROD.	3.1	1.5	1.6
31 LEATHER AND LEATHER PRODUCTS.	(Z)	(Z)	(Z)	31 LEATHER AND LEATHER PRODUCTS.	(D)	(D)	(D)
32 STONE, CLAY, GLASS PRODUCTS.	2.0	.3	1.7	32 STONE, CLAY, GLASS PRODUCTS.	29.5	4.8	24.7
33 PRIMARY METAL INDUSTRIES.	(D)	(D)	(D)	33 PRIMARY METAL INDUSTRIES.	84.0	15.4	68.6
34 FABRICATED METAL PRODUCTS. . . . .	.8	.3	.5	34 FABRICATED METAL PRODUCTS.	3.3	1.6	1.7
35 MACHINERY, EXCEPT ELECTRICAL. . . . .	.4	.1	.3	35 MACHINERY, EXCEPT ELECTRICAL.	9.3	3.2	6.1
36 ELECTRIC, ELECTRONIC EQUIP.	(D)	(D)	(D)	36 ELECTRIC, ELECTRONIC EQUIP.	21.2	4.5	16.7
37 TRANSPORTATION EQUIPMENT.	(D)	(D)	(D)	37 TRANSPORTATION EQUIPMENT.	4.3	.4	3.9
38 INSTRUMENTS, RELATED PRODUCTS.	(Z)	(Z)	(Z)	38 INSTRUMENTS, RELATED PRODUCTS.	2.4	.4	2.0
39 MISC. MANUFACTURING INDUSTRIES.	(D)	(D)	(D)	39 MISC. MANUFACTURING INDUSTRIES. . . . .	.7	.3	.4
WYOMING, TOTAL	23.4	5.2	18.2	UTAH, TOTAL.	67.9	15.5	52.4
20 FOOD AND KINDRED PRODUCTS.	1.6	.6	1.0	20 FOOD AND KINDRED PRODUCTS.	10.3	4.3	6.0
22 TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	22 TEXTILE MILL PRODUCTS.	(D)	(D)	(D)
23 APPAREL, OTHER TEXTILE PRODS.	(D)	.1	1.7	23 APPAREL, OTHER TEXTILE PRODS. . . . .	.8	.2	.5
24 LUMBER AND WOOD PRODUCTS.	1.8	(D)	1.7	24 LUMBER AND WOOD PRODUCTS.	1.0	.4	.6
25 FURNITURE AND FIXTURES.	(D)	(D)	.9	25 FURNITURE AND FIXTURES. . . . .	.3	.1	.2
26 PAPER AND ALLIED PRODUCTS.	1.0	.2	.9	26 PAPER AND ALLIED PRODUCTS.	(D)	(D)	(D)
27 PRINTING AND PUBLISHING.	7.3	1.7	5.5	27 PRINTING AND PUBLISHING.	3.9	.2	3.7
28 CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	(D)	28 CHEMICALS AND ALLIED PRODUCTS.	2.2	.2	2.0
29 PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)	29 PETROLEUM AND COAL PRODUCTS.	4.9	1.1	3.8
30 RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	30 RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)
31 LEATHER AND LEATHER PRODUCTS.	(D)	(D)	1.1	31 LEATHER AND LEATHER PRODUCTS.	(Z)	(Z)	(Z)
32 STONE, CLAY, GLASS PRODUCTS.	1.4	.2	1.1	32 STONE, CLAY, GLASS PRODUCTS.	12.9	2.8	10.1
33 PRIMARY METAL INDUSTRIES.	(D)	(D)	.1	33 PRIMARY METAL INDUSTRIES.	(D)	(D)	(D)
34 FABRICATED METAL PRODUCTS. . . . .	.1	(Z)	.1	34 FABRICATED METAL PRODUCTS.	4.0	.8	3.2
35 MACHINERY, EXCEPT ELECTRICAL.	(D)	(D)	(D)	35 MACHINERY, EXCEPT ELECTRICAL.	3.1	.7	2.5
36 ELECTRIC, ELECTRONIC EQUIP.	(D)	(D)	(D)	36 ELECTRIC, ELECTRONIC EQUIP. . . . .	.6	.1	.6
37 TRANSPORTATION EQUIPMENT.	(D)	(D)	(D)	37 TRANSPORTATION EQUIPMENT.	9.1	2.3	6.8
38 INSTRUMENTS, RELATED PRODUCTS.	(D)	(D)	(D)	38 INSTRUMENTS, RELATED PRODUCTS. . . . .	.1	(Z)	.1
39 MISC. MANUFACTURING INDUSTRIES.	(D)	(D)	(D)	39 MISC. MANUFACTURING INDUSTRIES.	1.2	.5	.8
COLORADO, TOTAL.	228.8	66.4	162.4	NEVADA, TOTAL.	23.5	4.0	19.5
20 FOOD AND KINDRED PRODUCTS.	55.7	19.0	36.7	20 FOOD AND KINDRED PRODUCTS.	3.8	.9	2.9
22 TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	22 TEXTILE MILL PRODUCTS.	(Z)	(Z)	(Z)
23 APPAREL, OTHER TEXTILE PRODS.	1.1	.5	.6	23 APPAREL, OTHER TEXTILE PRODS. . . . .	.6	.2	.3
24 LUMBER AND WOOD PRODUCTS.	6.0	3.0	3.0	24 LUMBER AND WOOD PRODUCTS. . . . .	.6	.1	.1
25 FURNITURE AND FIXTURES. . . . .	.8	.5	1.5	25 FURNITURE AND FIXTURES.	(D)	(D)	(D)
26 PAPER AND ALLIED PRODUCTS.	12.1	2.9	9.2	26 PAPER AND ALLIED PRODUCTS.	1.5	.3	1.1
27 PRINTING AND PUBLISHING.	8.4	1.7	6.7	27 PRINTING AND PUBLISHING.	1.6	.1	1.5
28 CHEMICALS AND ALLIED PRODUCTS.	6.4	.2	6.1	28 CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	(D)
29 PETROLEUM AND COAL PRODUCTS.	7.1	.9	6.2	29 PETROLEUM AND COAL PRODUCTS.	(Z)	(Z)	(Z)
30 RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	30 RUBBER, MISC. PLASTICS PROD.	7.8	.2	7.6
31 LEATHER AND LEATHER PRODUCTS.	14.7	1.1	13.6	31 LEATHER AND LEATHER PRODUCTS.	(D)	(D)	(D)
32 STONE, CLAY, GLASS PRODUCTS.	(D)	(D)	(D)	32 STONE, CLAY, GLASS PRODUCTS.	2.4	.7	1.7
33 PRIMARY METAL INDUSTRIES.	20.5	3.8	16.6	33 PRIMARY METAL INDUSTRIES. . . . .	.8	.3	.6
34 FABRICATED METAL PRODUCTS.	17.5	5.1	12.4	34 FABRICATED METAL PRODUCTS. . . . .	.3	.1	.3
35 MACHINERY, EXCEPT ELECTRICAL.	12.6	5.6	7.1	35 MACHINERY, EXCEPT ELECTRICAL. . . . .	.1	(Z)	.1
36 ELECTRIC, ELECTRONIC EQUIP.	5.8	3.5	2.3	36 ELECTRIC, ELECTRONIC EQUIP.	(D)	(D)	(D)
37 TRANSPORTATION EQUIPMENT.	29.6	12.7	16.9	37 TRANSPORTATION EQUIPMENT. . . . .	.6	.3	.2
38 INSTRUMENTS, RELATED PRODUCTS.	3.2	1.1	2.2	38 INSTRUMENTS, RELATED PRODUCTS.			
39 MISC. MANUFACTURING INDUSTRIES.				39 MISC. MANUFACTURING INDUSTRIES.			
NEW MEXICO, TOTAL.	30.8	9.7	21.1	PACIFIC DIVISION, TOTAL.	2 335.7	578.4	1 757.2
20 FOOD AND KINDRED PRODUCTS.	6.4	2.5	3.9	20 FOOD AND KINDRED PRODUCTS.	331.1	71.5	259.6
21 TOBACCO PRODUCTS.	(D)	(D)	(D)	21 TOBACCO PRODUCTS.	(D)	(D)	(D)
22 TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	22 TEXTILE MILL PRODUCTS.	28.2	6.8	21.4
23 APPAREL, OTHER TEXTILE PRODS. . . . .	.7	.1	.6	23 APPAREL, OTHER TEXTILE PRODS.	27.4	6.5	20.9
24 LUMBER AND WOOD PRODUCTS.	2.1	.7	1.5	24 LUMBER AND WOOD PRODUCTS.	313.8	52.8	260.9
25 FURNITURE AND FIXTURES.	(D)	(D)	(D)	25 FURNITURE AND FIXTURES.	41.5	16.8	24.8
26 PAPER AND ALLIED PRODUCTS.	(D)	(D)	(D)	26 PAPER AND ALLIED PRODUCTS.	160.4	18.2	142.3
27 PRINTING AND PUBLISHING.	4.9	1.8	3.1	27 PRINTING AND PUBLISHING.	108.0	33.0	75.0
28 CHEMICALS AND ALLIED PRODUCTS.	1.0	.2	.7	28 CHEMICALS AND ALLIED PRODUCTS.	122.5	23.7	98.8
29 PETROLEUM AND COAL PRODUCTS. . . . .	.3	.1	.1	29 PETROLEUM AND COAL PRODUCTS.	174.9	132.7	42.2
30 RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	30 RUBBER, MISC. PLASTICS PROD.	80.7	17.8	62.9
31 LEATHER AND LEATHER PRODUCTS.	(D)	(D)	(D)	31 LEATHER AND LEATHER PRODUCTS.	(D)	(D)	(D)
32 STONE, CLAY, GLASS PRODUCTS.	4.2	1.0	3.2	32 STONE, CLAY, GLASS PRODUCTS.	107.8	24.1	83.7
33 PRIMARY METAL INDUSTRIES.	(D)	(D)	(D)	33 PRIMARY METAL INDUSTRIES.	102.4	23.2	79.2
34 FABRICATED METAL PRODUCTS.	1.0	.3	.8	34 FABRICATED METAL PRODUCTS.	126.0	29.8	96.2
35 MACHINERY, EXCEPT ELECTRICAL.	1.9	.1	1.8	35 MACHINERY, EXCEPT ELECTRICAL.	166.0	30.2	135.8
36 ELECTRIC, ELECTRONIC EQUIP.	4.8	1.7	3.1	36 ELECTRIC, ELECTRONIC EQUIP.	175.2	30.0	145.2
37 TRANSPORTATION EQUIPMENT. . . . .	.7	.2	.1	37 TRANSPORTATION EQUIPMENT.	193.6	43.6	150.0
38 INSTRUMENTS, RELATED PRODUCTS. . . . .	.4	.1	.3	38 INSTRUMENTS, RELATED PRODUCTS.	51.4	12.1	39.3
39 MISC. MANUFACTURING INDUSTRIES. . . . .	.4	.2	.2	39 MISC. MANUFACTURING INDUSTRIES.	22.5	5.3	17.3

See footnotes at end of table.

TABLE 4. Manufacturers' Expenditures for New Plant and Equipment by Division and State and by Major Industry Group: 1972—Continued

(Millions of dollars)

Division, State, and major industry group	Establishments in operation and under construction			Division, State, and major industry group	Establishments in operation and under construction		
	Total expenditures	New structures and additions to plant	New machinery and equipment		Total expenditures	New structures and additions to plant	New machinery and equipment
WASHINGTON, TOTAL,	353.7	88.9	264.8	CALIFORNIA--CONTINUED			
20 FOOD AND KINDRED PRODUCTS,	43.2	6.2	37.0	28 CHEMICALS AND ALLIED PRODUCTS,	108.1	21.6	86.5
22 TEXTILE MILL PRODUCTS, . . . . .	.1	(Z)	.1	29 PETROLEUM AND COAL PRODUCTS,	109.5	84.8	24.6
23 APPAREL, OTHER TEXTILE PRODS,	2.2	.9	1.3	30 RUBBER, MISC. PLASTICS PROD,	75.6	16.6	58.9
24 LUMBER AND WOOD PRODUCTS,	81.1	11.8	69.3	31 LEATHER AND LEATHER PRODUCTS,	(D)	(D)	(D)
25 FURNITURE AND FIXTURES, . . . . .	.9	.3	.6	32 STONE, CLAY, GLASS PRODUCTS,	83.7	19.5	64.1
26 PAPER AND ALLIED PRODUCTS,	70.0	7.7	62.3	33 PRIMARY METAL INDUSTRIES,	63.9	13.5	50.5
27 PRINTING AND PUBLISHING,	11.6	3.8	7.8	34 FABRICATED METAL PRODUCTS,	104.7	25.5	79.2
28 CHEMICALS AND ALLIED PRODUCTS,	6.5	1.5	5.0	35 MACHINERY, EXCEPT ELECTRICAL,	154.7	27.7	127.0
29 PETROLEUM AND COAL PRODUCTS,	51.3	36.5	14.9	36 ELECTRIC, ELECTRONIC EQUIP,	(D)	(D)	(D)
30 RUBBER, MISC. PLASTICS PROD,	2.8	.7	2.2	37 TRANSPORTATION EQUIPMENT,	164.9	34.9	130.0
31 LEATHER AND LEATHER PRODUCTS, . . . . .	.1	(Z)	.1	38 INSTRUMENTS, RELATED PRODUCTS,	44.4	11.5	32.9
32 STONE, CLAY, GLASS PRODUCTS,	7.0	1.0	6.0	39 MISC. MANUFACTURING INDUSTRIES,	17.7	4.2	13.5
33 PRIMARY METAL INDUSTRIES,	30.0	7.7	22.3				
34 FABRICATED METAL PRODUCTS,	13.4	2.5	10.9	ALASKA, TOTAL,	22.1	4.6	17.6
35 MACHINERY, EXCEPT ELECTRICAL,	5.4	1.1	4.2				
36 ELECTRIC, ELECTRONIC EQUIP,	4.2	1.0	3.1	20 FOOD AND KINDRED PRODUCTS,	4.5	1.2	3.3
37 TRANSPORTATION EQUIPMENT,	20.2	5.3	14.9	23 APPAREL, OTHER TEXTILE PRODS,	(D)	(D)	(D)
38 INSTRUMENTS, RELATED PRODUCTS,	1.7	.3	1.4	24 LUMBER AND WOOD PRODUCTS,	3.3	.4	2.9
39 MISC. MANUFACTURING INDUSTRIES,	2.2	.6	1.5	25 FURNITURE AND FIXTURES, . . . . .	.1	(Z)	(Z)
				26 PAPER AND ALLIED PRODUCTS,	(D)	(D)	(D)
OREGON, TOTAL,	267.3	42.1	225.2	27 PRINTING AND PUBLISHING, . . . . .	.3	(Z)	.3
20 FOOD AND KINDRED PRODUCTS,	23.9	7.8	16.1	28 CHEMICALS AND ALLIED PRODUCTS,	(D)	(D)	(D)
21 TOBACCO PRODUCTS,	(D)	(D)	(D)	29 PETROLEUM AND COAL PRODUCTS, . . . . .	.6	.4	.1
22 TEXTILE MILL PRODUCTS,	(D)	(D)	(D)	30 RUBBER, MISC. PLASTICS PROD,	(D)	(D)	(D)
23 APPAREL, OTHER TEXTILE PRODS,	(D)	(D)	(D)	32 STONE, CLAY, GLASS PRODUCTS,	1.3	.2	1.2
24 LUMBER AND WOOD PRODUCTS,	140.2	19.1	121.1	34 FABRICATED METAL PRODUCTS,	(D)	(D)	(D)
25 FURNITURE AND FIXTURES,	1.0	.3	.7	35 MACHINERY, EXCEPT ELECTRICAL, . . . . .	.2	(Z)	.1
26 PAPER AND ALLIED PRODUCTS,	30.9	.8	30.1	36 ELECTRIC, ELECTRONIC EQUIP,	(D)	(D)	(D)
27 PRINTING AND PUBLISHING,	6.5	.9	5.6	37 TRANSPORTATION EQUIPMENT,	(Z)	(Z)	(Z)
28 CHEMICALS AND ALLIED PRODUCTS,	6.6	.6	6.0	38 INSTRUMENTS, RELATED PRODUCTS,	(D)	(D)	(D)
29 PETROLEUM AND COAL PRODUCTS,	(D)	(D)	(D)	39 MISC. MANUFACTURING INDUSTRIES,	(Z)	(Z)	(Z)
30 RUBBER, MISC. PLASTICS PROD,	2.2	.4	1.7				
31 LEATHER AND LEATHER PRODUCTS,	(D)	(D)	(D)	HAWAII, TOTAL,	46.7	19.8	26.9
32 STONE, CLAY, GLASS PRODUCTS,	11.7	1.4	10.4				
33 PRIMARY METAL INDUSTRIES,	(D)	(D)	(D)	20 FOOD AND KINDRED PRODUCTS,	18.9	1.8	17.1
34 FABRICATED METAL PRODUCTS,	7.6	1.8	5.8	22 TEXTILE MILL PRODUCTS,	(D)	(D)	(D)
35 MACHINERY, EXCEPT ELECTRICAL,	5.6	1.3	4.2	23 APPAREL, OTHER TEXTILE PRODS, . . . . .	.5	.1	.4
36 ELECTRIC, ELECTRONIC EQUIP,	1.8	.2	1.6	24 LUMBER AND WOOD PRODUCTS, . . . . .	.6	.1	.5
37 TRANSPORTATION EQUIPMENT,	(D)	(D)	(D)	25 FURNITURE AND FIXTURES,	1.0	.8	.2
38 INSTRUMENTS, RELATED PRODUCTS,	5.3	.4	4.9	26 PAPER AND ALLIED PRODUCTS,	(D)	(D)	(D)
39 MISC. MANUFACTURING INDUSTRIES,	1.9	.3	1.6	27 PRINTING AND PUBLISHING,	8.9	4.5	4.4
				28 CHEMICALS AND ALLIED PRODUCTS,	(D)	(D)	(D)
CALIFORNIA, TOTAL,	1 645.9	423.1	1 222.8	29 PETROLEUM AND COAL PRODUCTS,	(D)	(D)	(D)
20 FOOD AND KINDRED PRODUCTS,	240.5	54.4	186.1	30 RUBBER, MISC. PLASTICS PROD,	(D)	(D)	(D)
21 TOBACCO PRODUCTS,	(D)	(D)	(D)	31 LEATHER AND LEATHER PRODUCTS,	(Z)	(Z)	(Z)
22 TEXTILE MILL PRODUCTS,	26.1	6.2	19.9	32 STONE, CLAY, GLASS PRODUCTS,	4.0	2.0	2.0
23 APPAREL, OTHER TEXTILE PRODS,	24.2	5.4	18.8	33 PRIMARY METAL INDUSTRIES,	(D)	(D)	(D)
24 LUMBER AND WOOD PRODUCTS,	88.6	21.5	67.1	34 FABRICATED METAL PRODUCTS,	(D)	(D)	(D)
25 FURNITURE AND FIXTURES,	38.6	15.4	23.2	35 MACHINERY, EXCEPT ELECTRICAL, . . . . .	.2	(Z)	.2
26 PAPER AND ALLIED PRODUCTS,	48.7	7.4	41.3	36 ELECTRIC, ELECTRONIC EQUIP,	(D)	(D)	(D)
27 PRINTING AND PUBLISHING,	80.7	23.8	56.9	37 TRANSPORTATION EQUIPMENT,	(Z)	(Z)	(Z)
				38 INSTRUMENTS, RELATED PRODUCTS,	(D)	(D)	(D)
				39 MISC. MANUFACTURING INDUSTRIES, . . . . .	.8	.1	.7

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown (less than \$50 thousand).

Selected Materials Consumed

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SECTION I. Selected Materials Consumed

GENERAL

In this section, summary data by industries are shown for those materials for which relatively complete manufacturing consumption was reported in the 1972 Census of Manufactures. About 125 selected materials consumed by manufacturing establishments in 1972 are covered. The section is divided into separate chapters for each of the selected materials: Foods; textiles; newsprint and paperboard containers; chemicals and rubber; metals; and engines, motors, bearings, electron tubes, and semiconductors.

Preceding Chapter 1 are two summary tables showing detailed data for all materials consumed. The first table shows the percentage that the cost of materials specifically reported is of the cost of all materials consumed by an industry. Separate data for these specified purchased materials appear in the final Industry series MC72(2). This table provides information showing the degree to which materials data, by industry, were collected and compiled in the 1972 Census of Manufactures. The second table is an index of all materials consumed covered in the census, including some materials consumed for which data were compiled but not shown in this chapter because of limited coverage. This section, therefore, is a ready reference to all data on materials consumed contained in the 1972 Census of Manufactures.

Some additional data on materials consumed are collected and published in the Census Bureau's Current Industrial Reports. Selected consumption information, such as quantities produced and consumed, or paper purchased for specific products were also collected in the product and special inquiry sections of the census of manufactures report form. These data generally are not to be found in this chapter but appear in the appropriate industry reports.

In addition to the data referred to above, other related statistics were collected in the 1972 Census of Manufactures and 1972 Census of Mineral Industries. Table 3 of the final Industry series contains information showing the cost of resales, fuels, electricity, and contract work. The statistics on detailed fuels and electric energy appear in MC72(SR)-6 for manufactures and MIC72(1)-5 for mineral industries. The statistics on detailed water consumed appear in MC72(SR)-5 for manufactures and MIC72(1)-2 for mineral industries. Data relating to materials mined by establishments classified in manufacturing, primarily those for Major Group 32, Stone, Clay, Glass, and Concrete Products, are included in the census of mineral industries publications.

SCOPE OF DATA IN TABLES

The data are arranged in this section according to broad groups of industries which represent 2-digit Standard Industrial Classification groups or combinations of such groups. The text preceding each industry grouping defines the group, notes any special problems, and points out where consumption outside manufacturing is significant. In addition, definitions of the materials for which data are shown or other explanatory statements are included in these texts.

The statistics shown in this section include primarily "complete" coverage materials for which figures were collected in the materials inquiry section of the census of manufactures forms. "Complete" coverage materials are those for which the data obtained in the 1972 census represent about 90 percent or more of total consumption by manufacturing industries. Generally, materials data are not shown in this chapter where only two or three industries accounted for the major portion of the manufacturing consumption of the material. However, such materials are listed in summary table BB and the data are shown in the materials consumed tables of the Industry series reports. Also, statistics are not generally shown in this chapter on materials for which census information was obtained in conjunction with the data on shipments of the material. Data on the latter material appear in the product tables (table 6) of the industry reports.

ESTABLISHMENT BASIS OF DATA

With a few exceptions that are noted in the individual texts, the data shown are the total consumption by establishments classified in the specified industry rather than the total consumption in the manufacture of the products defined by the industry title. That is, all of the metal consumed by an establishment classified in the Metal Forgings, and Stampings Industry (3462) is included in the total for that industry. Consequently, the quantity of material consumed by this industry includes not only that used in stampings but also the quantities used in producing secondary products such as special dies, jigs, fixtures, and electrical appliances. The 1972 Census of Manufactures summary report (MC72(1)-1) includes an appendix (B) entitled, Industry Descriptions, which shows (a) the percentage of primary products shipped within an industry to the total of all products shipped for the industry (specialization ratio) and (b) the percentage of primary prod-

SECTION I—Continued

ucts shipped within an industry to the total of primary products shipped by all industries (coverage ratio).

It should be kept in mind that materials totals for an industry only include the material consumed in products primary or secondary to the specified industry. Material consumed in products primary to the specified industry, but reported as secondary products in another industry, are not included in the specified industry.

COVERAGE

As noted in the introduction to the census volumes, some undercoverage exists in the statistics for most materials. This undercoverage results from the fact that very small establishments and establishments consuming negligible amounts of specific materials were not required to report these materials. While no precise measure of the effect of the undercoverage is available, it is believed that for most materials for which data are shown in this section the understatement is insignificant. However, for some materials characterized by large numbers of small consumers, the undercoverage resulting from this factor may be of some consequence, especially in the smaller cells. For example, adjustments for this undercoverage are shown for broadwoven fabrics (textiles).

The totals for consumption of a material by all industries shown in the tables in this section generally do not represent complete manufacturing consumption. Industries selected for coverage generally totaled 90 percent or more of manufacturing consumption. Consequently, as much as 10 percent of the manufacturing consumption of a material may not be accounted for in the table. This factor would not affect the totals for the individual industries included in the tables. Moreover, data for material consumption in a State represent the consumption in that State only by the industries specified in the material by industry table.

DEFINITION OF MATERIALS CONSUMED

Census respondents were requested to report the amounts actually paid or payable after discounts and to include freight

and direct charges incurred in acquiring the materials consumed during 1972. For materials transferred from other establishments of the same company, respondents were requested to report the nearest approximation to the commercial value of the material. Where a question arose concerning such transfer values, respondents were requested to determine the value of the material reported in the census as a product by the producing plant and then to add only freight and other direct handling charges. Thus the cost of materials consumed represents a "purchasers price" as contrasted to the value of the output of the material which may be termed a "producers price."

Consumption of any given item was defined as the quantity actually consumed or put into production by the establishment during the report year. Respondents were generally permitted to use purchase data where purchases closely approximated consumption. However, where inventory change was significant, respondents were requested to take this into account in determining consumption for major items.

RELATIONSHIP OF MATERIALS DATA TO OTHER STATISTICS

The materials consumed by manufacturers may have been obtained from any or all of a number of possible sources—imports as well as materials produced domestically. They may have been produced in the establishment or obtained directly from the manufacturer of the materials, from some trade channel such as wholesalers, or from the stocks of the consuming manufacturer. In some instances, previously held stocks of producers of the material and of trade channels were a significant source of individual materials consumed during the year.

The products produced from the materials consumed may have been shipped or added either to work in process or finished goods inventory as of the end of the year. Therefore, in relating material consumed data to shipment or value added data, it is necessary to take into account inventory changes in work in process and finished goods for the industry.

Data in this publication may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued. This report reflects these corrections.

TABLE AA. Cost of Materials, Parts, Supplies, and Containers Consumed, by Each Industry: 1972

In millions of dollars. The table below shows totals for the materials consumed in each industry as reported on item 17, "Selected Materials Consumed During 1972," on the 1972 Census of Manufactures reporting form. Industries for which no specific materials were reported are not shown. See table 7A of the 1972 Census of Manufactures final industry reports, for the specific materials consumed in each industry.

"Total cost of materials" is the cost of all materials consumed by the industry, including miscellaneous materials and materials not reported separately. It represents the amounts paid or payable for materials, parts, containers, and supplies consumed or put into production during the year after discounts and including freight charges and other direct charges incurred by the establishment in acquiring these materials. It

excludes the cost of items bought and resold in the same condition, cost of contract work, fuels, and electric energy.

"Cost of specified materials" is the total of only those specific materials reported by each industry on item 17. In part, this figure and particularly the percentage represents some degree of understatement regarding the amount of detail available for materials consumed. For example, the figures do not reflect the information on materials collected on other sections of the report form, such as in the product or special inquiry sections.

The last column in the table shows the percentage that the cost of specified materials is of the total cost of materials consumed.

1972 code	Industry	Total cost of materials (a)	Cost of spec- ified materials (b)	Per- centage b-a	1972 code	Industry	Total cost of materials (a)	Cost of spec- ified materials (b)	Per- centage b-a
2011	Meatpacking plants.....	19,068.1	17,811.1	.93	2272	Tufted carpets and rugs.....	1,747.8	(NA)	(NA)
2013	Sausages and other prepared meats..	2,892.9	2,371.6	.82	2279	Carpets and rugs, n.e.c.....	71.6	(NA)	(NA)
2016	Poultry dressing plants.....	2,340.4	2,247.8	.96	2281	Yarn mills, except wool.....	1,317.8	1,196.3	.91
2017	Poultry and egg processing.....	379.4	194.2	.51	2282	Throwing and winding mills.....	876.7	769.1	.88
2021	Creamery butter.....	690.2	600.3	.87	2283	Wool yarn mills.....	130.5	102.6	.79
2022	Cheese, natural and processed.....	2,540.4	1,973.0	.78	2284	Thread mills.....	188.7	147.3	.78
2023	Condensed and evaporated milk.....	1,026.1	707.0	.69	2291	Felt goods, except woven felts and hats.....	57.9	25.0	.43
2024	Ice cream and frozen desserts.....	658.0	366.1	.56	2292	Lace goods.....	13.8	6.7	.49
2026	Fluid milk.....	5,948.7	4,736.7	.80	2293	Paddings and upholstery filling....	66.3	31.8	.48
2032	Canned specialties.....	1,005.2	688.3	.68	2294	Processed textile waste.....	70.0	52.4	.75
2033	Canned fruits and vegetables.....	2,269.8	1,726.7	.76	2295	Coated fabrics, not rubberized....	460.6	269.9	.59
2034	Dehydrated fruits, vegetables, soups	324.3	202.3	.62	2296	Tire cord and fabric.....	528.3	482.7	.91
2035	Pickles, sauces, and salad dressings.	707.6	435.6	.62	2297	Nonwoven fabrics.....	188.0	90.5	.48
2037	Frozen fruits and vegetables.....	1,057.5	869.0	.82	2298	Cordage and twine.....	85.5	34.9	.41
2038	Frozen specialties.....	982.8	478.9	.49	2299	Textile goods, n.e.c.....	92.9	(NA)	(NA)
2041	Flour and other grain mill products	1,804.1	1,636.7	.91	2311	Men's and boys' suits and coats....	673.8	481.7	.71
2043	Cereal breakfast foods.....	359.2	204.5	.57	2321	Men's and boys' shirts and nightwear.	782.4	635.8	.81
2044	Rice milling.....	514.1	484.0	.94	2322	Men's and boys' underwear.....	105.0	87.1	.83
2045	Blended and prepared flour.....	369.9	212.1	.57	2323	Men's and boys' neckwear.....	128.4	94.4	.74
2046	Wet corn milling.....	451.7	337.0	.75	2327	Men's and boys' separate trousers..	737.0	545.4	.74
2047	Dog, cat, and other pet food.....	737.6	416.5	.56	2328	Men's and boys' work clothing.....	746.8	573.6	.77
2048	Prepared feeds, n.e.c.....	3,559.8	2,751.2	.77	2329	Men's and boys' clothing, n.e.c....	281.7	201.7	.72
2051	Bread, cake, and related products...	1,957.8	1,351.9	.69	2331	Women's and misses' blouses and waists.....	404.9	288.4	.71
2052	Cookies and crackers.....	652.5	477.6	.73	2335	Women's and misses' dresses.....	1,079.0	716.6	.66
2061	Raw cane sugar.....	262.5	221.8	.84	2337	Women's and misses' suits and coats	625.5	408.9	.65
2062	Cane sugar refining.....	1,328.5	1,294.5	.97	2339	Women's and misses' outerwear, n.e.c.	568.6	439.8	.77
2063	Beet sugar.....	522.0	437.6	.84	2341	Women's and children's underwear...	503.3	360.0	.72
2065	Confectionery products.....	1,236.2	811.4	.66	2342	Brassieres and allied garments.....	230.4	145.7	.63
2066	Chocolate and cocoa products.....	439.3	317.3	.72	2351	Millinery.....	23.4	(NA)	(NA)
2067	Chewing gum.....	142.0	61.5	.43	2352	Hats and caps, except millinery....	65.2	(NA)	(NA)
2074	Cottonseed oil mills.....	331.5	291.2	.88	2361	Children's dresses and blouses.....	210.7	145.0	.69
2075	Soybean oil mills.....	2,687.5	2,461.5	.92	2363	Children's coats and suits.....	74.6	42.4	.57
2076	Vegetable oil mills, n.e.c.....	147.1	78.4	.53	2369	Children's outerwear, n.e.c.....	222.0	150.5	.68
2077	Animal and marine fats and oils....	398.8	(NA)	(NA)	2371	Fur goods.....	132.4	(NA)	(NA)
2079	Shortening and cooking oils.....	1,461.1	1,280.5	.88	2381	Fabric dress and work gloves.....	78.4	57.8	.74
2082	Malt beverages.....	2,006.0	281.9	.14	2384	Robes and dressing gowns.....	77.9	61.2	.79
2083	Malt.....	154.3	146.5	.95	2385	Waterproof outer garments.....	111.0	52.1	.47
2084	Wines, brandy, and brandy spirits....	505.9	361.0	.71	2386	Leather and sheep lined clothing...	77.9	58.4	.75
2085	Distilled liquor, except brandy....	621.8	511.2	.82	2387	Apparel belts.....	115.8	66.9	.58
2086	Bottled and canned soft drinks.....	2,573.5	1,623.8	.63	2389	Apparel and accessories, n.e.c.....	50.3	29.2	.58
2087	Flavoring extracts and sirups, n.e.c.	572.7	334.1	.58	2391	Curtains and draperies.....	374.7	247.9	.66
2091	Canned and cured seafoods.....	347.1	283.0	.82	2392	Housefurnishings, n.e.c.....	863.3	557.9	.65
2092	Fresh or frozen packaged fish.....	698.1	521.9	.75	2393	Textile bags.....	156.3	92.6	.59
2095	Roasted coffee.....	1,420.1	1,150.3	.81	2394	Canvas and related products.....	134.0	75.3	.56
2097	Manufactured ice.....	9.7	(NA)	(NA)	2395	Pleating and stitching.....	133.8	(NA)	(NA)
2098	Macaroni and spaghetti.....	174.4	100.1	.57	2396	Automotive and apparel trimmings...	595.5	346.2	.58
2099	Food preparation, n.e.c.....	1,653.0	526.2	.32	2397	Schiffli machine embroideries.....	30.9	(NA)	(NA)
2111	Cigarettes.....	1,529.6	1,267.4	.83	2399	Fabricated textile products, n.e.c..	369.6	112.1	.28
2121	Cigars.....	133.7	116.6	.87	2411	Logging camps and logging contractors	911.8	(NA)	(NA)
2131	Chewing and smoking tobacco.....	70.9	50.7	.72	2421	Sawmills and planing mills, general	3,083.4	2,321.1	.75
2141	Tobacco stemming and redrying.....	1,213.9	1,177.8	.97	2426	Hardwood dimension and flooring...	277.1	154.2	.56
2211	Weaving mills, cotton.....	1,268.0	1,082.2	.85	2429	Special product sawmills, n.e.c....	87.3	42.1	.48
2221	Weaving mills, manmade fiber and silk	1,869.4	1,600.7	.86	2431	Millwork.....	1,320.1	828.1	.63
2231	Weaving and finishing mills, wool..	188.7	158.5	.84	2434	Wood kitchen cabinets.....	381.7	234.4	.61
2241	Narrow fabric mills.....	161.4	161.4	1.00	2435	Hardwood veneer and plywood.....	550.5	454.9	.83
2251	Women's hosiery, except socks.....	477.5	358.3	.75	2436	Softwood veneer and plywood.....	1,002.9	902.0	.90
2252	Hosiery, n.e.c.....	287.8	220.4	.77	2439	Structural wood members, n.e.c....	250.4	146.0	.58
2253	Knit outerwear mills.....	650.7	452.1	.69	2441	Nailed wood boxes and shooks.....	124.9	76.5	.61
2254	Knit underwear mills.....	208.8	167.2	.80	2448	Wood pallets and skids.....	139.2	111.8	.80
2257	Circular knit fabric mills.....	1,504.9	1,146.9	.76	2449	Wood containers, n.e.c.....	114.9	44.9	.39
2258	Warp knit fabric mills.....	614.6	548.4	.89	2451	Mobile homes.....	2,172.5	708.7	.33
2259	Knitting mills, n.e.c.....	30.6	5.8	.19	2452	Prefabricated wood buildings.....	536.6	361.4	.67
2261	Finishing plants, cotton.....	272.2	187.5	.69	2491	Wood preserving.....	278.0	229.4	.83
2262	Finishing plants, manmade fiber- and silk.....	765.4	616.9	.81	2492	Particleboard.....	138.4	88.8	.64
2269	Finishing plants, n.e.c.....	346.6	282.7	.82	2499	Wood products, n.e.c.....	628.6	242.5	.39
2271	Woven carpets and rugs.....	109.4	(NA)	(NA)					

See footnotes at end of table.

TABLE AA. Cost of Materials, Parts, Supplies, and Containers Consumed, by Each Industry: 1972—Continued

1972 code	Industry	Total cost of materials	Cost of spec- ified materials	Per- centage b=a	1972 code	Industry	Total cost of materials	Cost of spec- ified materials	Per- centage b=a
		(a)	(b)				(a)	(b)	
2511	Wood household furniture.....	1,218.4	853.9	.70	2899	Chemical preparations, n.e.c.....	913.4	(NA)	(NA)
2512	Upholstered household furniture....	972.4	756.9	.78	2911	Petroleum refining.....	19,610.8	18,790.6	.96
2514	Metal household furniture.....	424.7	283.2	.67	2951	Paving mixtures and blocks.....	458.3	292.5	.64
2515	Mattresses and bedsprings.....	529.3	332.7	.63	2952	Asphalt felts and coatings.....	497.0	373.0	.75
2517	Wood TV and radio cabinets.....	156.1	105.2	.67	2992	Lubricating oils and greases.....	362.2	247.8	.68
2519	Household furniture, n.e.c.....	69.5	(NA)	(NA)	2999	Petroleum and coal products, n.e.c..	68.6	(NA)	(NA)
2521	Wood office furniture.....	98.8	65.2	.66	3011	Tires and inner tubes.....	2,169.5	1,967.5	.91
2522	Metal office furniture.....	280.1	203.0	.72	3021	Rubber and plastics footwear.....	165.0	90.2	.55
2531	Public building and related furniture	213.0	126.3	.59	3031	Reclaimed rubber.....	1,114.5	568.5	.51
2541	Wood partitions and fixtures.....	294.4	159.8	.54	3041	Rubber and plastics hose and belting	323.4	255.8	.79
2542	Metal partitions and fixtures.....	282.3	194.5	.69	3069	Fabricated rubber products, n.e.c..	1,104.3	(NA)	(NA)
2591	Drapery hardware and blinds and shades.....	142.0	66.0	.46	3079	Miscellaneous plastics products....	4,329.2	2,315.5	.53
2599	Furniture and fixtures, n.e.c.....	134.7	55.8	.41	3111	Leather tanning and finishing.....	624.6	580.1	.93
2611	Pulpmills.....	341.5	273.0	.80	3131	Boot and shoe cut stock and findings..	113.3	39.8	.35
2621	Papermills, except building paper...	3,010.3	2,238.9	.74	3142	House slippers.....	58.6	29.6	.51
2631	Paperboard mills.....	1,816.7	1,361.6	.75	3143	Men's footwear, except athletic....	573.2	434.7	.76
2641	Paper coating and glazing.....	907.9	596.6	.66	3144	Women's footwear, except athletic...	537.6	310.3	.58
2642	Envelopes.....	243.1	202.9	.83	3149	Footwear, except rubber, n.e.c....	185.4	111.8	.60
2643	Bags, except textile bags.....	1,003.5	752.0	.75	3151	Leather gloves and mittens.....	36.2	29.8	.82
2645	Die-cut paper and board.....	355.6	268.2	.75	3161	Luggage.....	145.5	68.6	.47
2646	Pressed and molded pulp goods.....	49.0	26.4	.54	3171	Women's handbags and purses.....	147.7	101.2	.69
2647	Sanitary paper products.....	1,146.4	1,029.1	.90	3172	Personal leather goods.....	88.4	34.3	.39
2648	Stationery products.....	197.2	88.3	.45	3199	Leather goods, n.e.c.....	66.9	23.8	.36
2649	Converted paper products, n.e.c....	279.5	170.6	.61	3211	Flat glass.....	220.7	103.9	.47
2651	Folding paperboard boxes.....	728.2	562.8	.77	3221	Glass containers.....	620.0	217.0	.35
2652	Setup paperboard boxes.....	116.1	76.1	.66	3229	Pressed and blown glass, n.e.c....	257.3	127.2	.49
2653	Corrugated and solid fiber boxes...	2,470.2	2,200.8	.89	3231	Products of purchased glass.....	577.0	376.0	.65
2654	Sanitary food containers.....	684.9	580.4	.85	3241	Cement, hydraulic.....	349.2	119.4	.34
2655	Fiber cans, drums, and similar products.....	294.3	152.0	.52	3251	Brick and structural clay tile.....	84.9	(NA)	(NA)
2661	Building paper and board mills.....	157.2	81.6	.52	3253	Ceramic wall and floor tile.....	43.0	(NA)	(NA)
2711	Newspapers.....	1,819.4	1,526.0	.84	3255	Clay refractories.....	105.0	(NA)	(NA)
2721	Periodicals.....	538.6	370.8	.69	3259	Structural clay products, n.e.c....	36.1	(NA)	(NA)
2731	Book publishing.....	260.3	154.3	.59	3261	Vitreous plumbing fixtures.....	66.4	(NA)	(NA)
2732	Book printing.....	277.7	175.5	.63	3262	Vitreous china food utensils.....	11.0	(NA)	(NA)
2741	Miscellaneous publishing.....	135.3	45.0	.33	3263	Fine earthenware food utensils....	14.2	(NA)	(NA)
2751	Commercial printing, letterpress...	1,129.6	485.3	.43	3264	Porcelain electrical supplies.....	73.5	(NA)	(NA)
2752	Commercial printing, lithographic..	1,631.3	1,051.7	.64	3269	Pottery products, n.e.c.....	26.3	(NA)	(NA)
2753	Engraving and plate printing.....	41.1	15.0	.36	3271	Concrete block and brick.....	301.9	171.1	.57
2754	Commercial printing, gravure.....	303.6	233.1	.77	3272	Concrete products, n.e.c.....	675.9	348.1	.52
2761	Manifold business forms.....	559.2	456.7	.82	3273	Ready-mixed concrete.....	2,036.0	1,429.1	.70
2771	Greeting card publishing.....	203.0	(NA)	(NA)	3274	Lime.....	57.7	23.3	.40
2782	Blankbooks and looseleaf binders...	188.2	128.3	.68	3275	Gypsum products.....	257.9	123.3	.48
2789	Bookbinding and related work.....	66.6	33.8	.51	3281	Cut stone and stone products.....	96.3	31.1	.32
2791	Typesetting.....	41.3	(NA)	(NA)	3291	Abrasive products.....	309.7	(NA)	(NA)
2793	Photoengraving.....	31.1	(NA)	(NA)	3292	Asbestos products.....	288.9	136.0	.47
2794	Electrotyping and stereotyping....	5.8	(NA)	(NA)	3293	Gaskets, packing and sealing devices.	228.0	13.6	.06
2795	Lithographic platemaking services..	64.1	(NA)	(NA)	3295	Minerals, ground or treated.....	141.2	(NA)	(NA)
2812	Alkalies and chlorine.....	201.1	33.1	.16	3296	Mineral wool.....	257.9	(NA)	(NA)
2813	Industrial gases.....	86.1	(NA)	(NA)	3297	Nonclay refractories.....	131.2	(NA)	(NA)
2816	Inorganic pigments.....	333.1	(NA)	(NA)	3299	Nonmetallic mineral products, n.e.c.	48.2	(NA)	(NA)
2819	Industrial inorganic chemicals, n.e.c.....	1,312.2	634.5	.48	3312	Blast furnaces and steel mills....	12,293.4	8,948.9	.73
2821	Plastics materials and resins.....	2,120.0	1,046.2	.49	3313	Electrometallurgical products.....	264.6	43.1	.16
2822	Synthetic rubber.....	556.5	359.7	.65	3315	Steel wire and related products....	584.5	342.6	.59
2823	Cellulosic manmade fibers.....	286.2	142.9	.50	3316	Cold finishing of steel shapes.....	1,105.9	(NA)	(NA)
2824	Organic fibers, noncellulosic.....	1,414.4	322.5	.23	3317	Steel pipe and tubes.....	747.2	(NA)	(NA)
2831	Biological products.....	123.3	14.5	.12	3321	Gray iron foundries.....	1,349.6	746.3	.55
2833	Medicinals and botanicals.....	207.8	40.5	.19	3322	Malleable iron foundries.....	135.7	59.7	.44
2834	Pharmaceutical preparations.....	1,372.0	546.0	.40	3324	Steel investment foundries.....	74.5	24.2	.32
2841	Soap and other detergents.....	1,170.9	749.4	.64	3325	Steel foundries, n.e.c.....	296.7	105.9	.36
2842	Polishes and sanitation goods.....	687.9	233.3	.34	3331	Primary copper.....	2,220.0	2,114.0	.95
2843	Surface active agents.....	225.4	(NA)	(NA)	3332	Primary lead.....	347.9	328.6	.94
2844	Toilet preparations.....	1,089.8	584.5	.54	3333	Primary zinc.....	223.9	191.2	.85
2851	Paints and allied products.....	1,855.2	1,213.3	.65	3334	Primary aluminum.....	785.1	502.9	.64
2861	Gum and wood chemicals.....	161.1	(NA)	(NA)	3339	Primary nonferrous metals, n.e.c..	187.2	(NA)	(NA)
2865	Cyclic crudes and intermediates....	945.8	273.9	.29	3341	Secondary nonferrous metals.....	1,406.9	815.8	.58
2869	Industrial organic chemicals, n.e.c.....	3,436.5	1,234.7	.36	3351	Copper rolling and drawing.....	2,234.2	1,982.0	.89
2873	Nitrogenous fertilizers.....	214.9	124.7	.58	3353	Aluminum sheet, plate, and foil...	1,897.6	1,609.9	.85
2874	Phosphatic fertilizers.....	615.1	491.0	.80	3354	Aluminum extruded products.....	614.1	504.0	.82
2875	Fertilizers, mixing only.....	412.0	293.7	.71	3355	Aluminum rolling and drawing, n.e.c.	181.2	117.0	.65
2879	Agricultural chemicals, n.e.c.....	414.6	(NA)	(NA)	3356	Nonferrous rolling and drawing, n.e.c.....	825.0	561.4	.68
2891	Adhesives and sealants.....	458.8	(NA)	(NA)	3357	Nonferrous wire drawing and insulation.....	2,862.6	2,290.6	.80
2892	Explosives.....	90.0	14.6	.16	3361	Aluminum foundries.....	483.7	337.7	.70
2893	Printing ink.....	262.1	(NA)	(NA)	3362	Brass, bronze, and copper foundries..	206.0	146.2	.71
2895	Carbon black.....	78.3	59.8	.76	3369	Nonferrous foundries, n.e.c.....	224.0	97.6	.44
					3398	Metal heat treating.....	106.2	(NA)	(NA)
					3399	Primary metal products, n.e.c.....	164.8	(NA)	(NA)

See footnotes at end of table.

TABLE AA. Cost of Materials, Parts, Supplies, and Containers Consumed, by Each Industry: 1972—Continued

1972 code	Industry	Total cost of materials	Cost of spec- ified materials	Per- centage b=a	1972 code	Industry	Total cost of materials	Cost of spec- ified materials	Per- centage b=a
		(a)	(b)				(a)	(b)	
3411	Metal cans.....	2,557.9	2,170.1	.85	3581	Automatic merchandising machines...	138.7	30.4	.22
3412	Metal barrels, drums, and pails....	262.1	197.5	.75	3582	Commercial laundry equipment.....	59.3	19.0	.32
3421	Cutlery.....	92.3	25.5	.28	3585	Refrigeration and heating equipment...	3,448.1	1,737.6	.50
3423	Hand and edge tools, n.e.c.....	361.1	161.5	.45	3586	Measuring and dispensing pumps.....	90.9	25.8	.28
3425	Handsaws and saw blades.....	59.5	33.1	.56	3589	Service industry machinery, n.e.c....	370.1	105.4	.28
3429	Hardware, n.e.c.....	1,140.8	557.7	.49	3592	Carburetors, pistons, rings, valves...	244.6	89.5	.37
3431	Metal sanitary ware.....	136.3	70.1	.51	3599	Machinery, except electrical, n.e.c....	928.6	287.9	.31
3432	Plumbing fittings and brass goods...	332.6	166.7	.50	3612	Transformers.....	678.7	344.5	.51
3433	Heating equipment, except electric...	472.2	177.6	.38	3613	Switchgear and switchboard apparatus	753.5	398.6	.53
3441	Fabricated structural metal products.....	1,762.1	1,268.2	.72	3621	Motors and generators.....	992.3	554.2	.56
3442	Metal doors, sash, and trim.....	961.3	518.0	.54	3622	Industrial controls.....	488.9	188.0	.38
3443	Fabricated platework (boiler shops)...	1,435.5	900.1	.63	3623	Welding apparatus, electric.....	283.0	125.0	.44
3444	Sheet metalwork.....	1,252.4	762.1	.61	3624	Carbon and graphite products.....	107.9	2.3	.02
3446	Architectural metalwork.....	238.1	129.8	.55	3629	Electrical industrial apparatus, n.e.c.....	175.0	33.4	.19
3448	Prefabricated metal buildings.....	299.6	202.2	.67	3631	Household cooking equipment.....	458.6	166.4	.36
3449	Miscellaneous metalwork.....	506.3	400.8	.79	3632	Household refrigerators and freezers	820.8	362.5	.44
3451	Screw machine products.....	347.3	242.8	.70	3633	Household laundry equipment.....	665.1	336.3	.51
3452	Bolts, nuts, rivets, and washers...	702.5	506.9	.72	3634	Electric housewares and fans.....	649.2	225.2	.35
3462	Iron and steel forgings.....	674.9	562.9	.83	3635	Household vacuum cleaners.....	167.6	59.5	.36
3463	Nonferrous forgings.....	101.6	60.2	.59	3636	Sewing machines.....	25.0	9.0	.36
3465	Automotive stampings.....	2,480.6	2,013.1	.81	3639	Household appliances, n.e.c.....	346.9	135.1	.39
3466	Crowns and closures.....	166.1	112.9	.68	3641	Electric lamps.....	344.8	127.4	.37
3469	Metal stampings, n.e.c.....	1,083.0	665.3	.61	3643	Current-carrying wiring devices....	426.9	166.2	.39
3471	Plating and polishing.....	228.6	(NA)	(NA)	3644	Noncurrent-carrying wiring devices...	349.3	217.5	.62
3479	Metal coating and allied services...	291.7	(NA)	(NA)	3645	Residential lighting fixtures.....	344.3	83.8	.24
3482	Small arms ammunition.....	207.8	108.2	.52	3646	Commercial lighting fixtures.....	359.8	84.7	.24
3483	Ammunition, except for small arms, n.e.c.....	725.9	340.8	.47	3647	Vehicular lighting equipment.....	196.9	49.6	.25
3484	Small arms.....	98.5	29.0	.29	3648	Lighting equipment, n.e.c.....	197.9	75.0	.38
3489	Ordnance and accessories, n.e.c....	117.0	29.1	.25	3651	Radio and TV receiving sets.....	2,197.1	920.0	.42
3493	Steel springs, except wire.....	172.7	90.2	.52	3652	Phonograph records and pre- recorded tapes.....	169.5	(NA)	(NA)
3494	Valves and pipe fittings.....	1,066.5	544.3	.51	3661	Telephone and telegraph apparatus..	1,839.0	307.9	.17
3495	Wire springs.....	249.9	199.7	.80	3662	Radio and TV communication equipment	2,998.8	573.7	.19
3496	Miscellaneous fabricated wire products.....	410.2	201.8	.49	3671	Electron tubes, receiving type.....	43.8	22.9	.52
3497	Metal foil and leaf.....	146.4	69.0	.47	3672	Cathode ray television picture tubes.	335.4	273.9	.82
3498	Fabricated pipe and fittings.....	302.1	192.6	.64	3673	Electron tubes, transmitting.....	114.0	54.1	.47
3499	Fabricated metal products, n.e.c....	772.6	353.1	.46	3674	Semiconductors and related devices.	703.9	149.3	.21
3511	Turbines and turbine generator sets	860.5	455.0	.53	3675	Electronic capacitors.....	142.1	60.1	.42
3519	Internal combustion engines, n.e.c....	1,630.8	649.5	.40	3676	Electronic resistors.....	98.6	19.5	.20
3523	Farm machinery and equipment.....	2,221.3	952.9	.43	3677	Electronic coils and transformers..	138.8	68.7	.49
3524	Lawn and garden equipment.....	624.5	298.6	.48	3678	Electronic connectors.....	135.5	53.1	.39
3531	Construction machinery.....	2,813.2	1,464.0	.52	3679	Electronic components, n.e.c.....	1,310.9	179.6	.14
3532	Mining machinery.....	319.3	137.2	.43	3691	Storage batteries.....	493.4	241.4	.49
3533	Oilfield machinery.....	397.9	155.1	.39	3692	Primary batteries, dry and wet.....	115.1	16.2	.14
3534	Elevators and moving stairways.....	166.9	66.6	.40	3693	X-ray apparatus and tubes.....	111.0	(NA)	(NA)
3535	Conveyors and conveying equipment..	309.3	131.2	.42	3694	Engine electrical equipment.....	803.7	278.9	.35
3536	Hoist, cranes, and monorails.....	224.2	102.4	.46	3699	Electrical equipment and supplies, n.e.c.....	232.4	48.3	.21
3537	Industrial trucks and tractors.....	469.9	158.9	.34	3711	Motor vehicles and car bodies.....	30,792.5	1,455.8	.05
3541	Machine tools, metal cutting types...	454.3	150.8	.33	3713	Truck and bus bodies.....	884.1	177.6	.20
3542	Machine tools, metal forming types...	253.4	94.4	.37	3714	Motor vehicle parts and accessories	8,922.0	4,875.4	.55
3544	Special dies, tools, jigs, and fixtures.....	501.4	184.0	.37	3715	Truck trailers.....	641.3	248.4	.39
3545	Machine tool accessories.....	304.6	145.9	.48	3721	Aircraft.....	3,685.5	244.5	.07
3546	Power driven handtools.....	274.1	102.7	.37	3724	Aircraft engines and engine parts..	1,451.0	343.0	.24
3547	Rolling mill machinery.....	104.0	40.6	.39	3728	Aircraft equipment, n.e.c.....	869.4	283.6	.33
3549	Metal working machinery, n.e.c....	137.2	38.9	.28	3731	Ship building and repairing.....	1,311.8	399.4	.30
3551	Food products machinery.....	319.6	100.5	.31	3732	Boat building and repairing.....	521.5	202.3	.39
3552	Textile machinery.....	289.2	101.2	.35	3743	Railroad equipment.....	1,263.6	682.7	.54
3553	Woodworking machinery.....	185.7	22.8	.12	3751	Motorcycles, bicycles, and parts...	339.2	56.4	.17
3554	Paper industries machinery.....	162.9	35.9	.22	3761	Guided missiles and space vehicles...	923.5	54.9	.06
3555	Printing trades machinery.....	218.7	68.8	.31	3764	Space propulsion units and parts...	203.5	29.7	.15
3559	Special industry machinery, n.e.c....	903.3	245.7	.27	3769	Space vehicle equipment, n.e.c.....	242.2	12.5	.05
3561	Pumps and pumping equipment.....	727.3	377.2	.52	3792	Travel trailers and campers.....	859.0	133.4	.15
3562	Ball and roller bearings.....	551.2	413.4	.75	3795	Tanks and tank components.....	131.4	44.1	.34
3563	Air and gas compressors.....	347.9	147.3	.42	3799	Transportation equipment, n.e.c....	408.4	135.9	.33
3564	Blowers and fans.....	285.9	113.1	.40	3811	Engineering and scientific instruments.....	308.3	39.6	.13
3565	Industrial patterns.....	29.1	6.4	.22	3822	Environmental controls.....	204.2	59.1	.29
3566	Speed changers, drives, and gears...	194.5	83.8	.43	3823	Process control instruments.....	237.8	41.6	.17
3567	Industrial furnaces and ovens.....	177.9	45.2	.25	3824	Fluid meters and counting devices..	104.2	34.7	.33
3568	Power transmission equipment, n.e.c....	290.0	161.0	.56	3825	Instruments to measure electricity..	458.0	75.8	.17
3569	General industrial machinery, n.e.c....	413.6	118.8	.29	3829	Measuring and controlling devices, n.e.c.....	176.0	26.0	.15
3572	Typewriters.....	(1)	(1)	(1)	3832	Optical instruments and lenses.....	149.3	6.6	.04
3573	Electronic computing equipment.....	2,797.3	1,995.9	.71	3841	Surgical and medical instruments...	296.9	(NA)	(NA)
3574	Calculating and accounting machines.....	235.8	141.0	.60	3842	Surgical appliances and supplies...	423.6	50.9	.12
3576	Scales and balances, except laboratory.....	66.9	18.4	.28	3843	Dental equipment and supplies.....	123.8	(NA)	(NA)
3579	Office machines, n.e.c.....	326.1	73.4	.23	3851	Ophthalmic goods.....	152.8	(NA)	(NA)
					3861	Photographic equipment and supplies.	1,297.1	341.3	.26

See footnotes at end of table.

TABLE AA. Cost of Materials, Parts, Supplies, and Containers Consumed, by Each Industry: 1972—Continued

1972 code	Industry	Total cost of materials (a)	Cost of spec- ified materials (b)	Per- centage b÷a	1972 code	Industry	Total cost of materials (a)	Cost of spec- ified materials (b)	Per- centage b÷a
3813	Watches, clocks, and watchcases....	485.2	195.7	.40	3953	Marking devices.....	48.9	(NA)	(NA)
3911	Jewelry, precious metal.....	510.9	(NA)	(NA)	3955	Carbon paper and inked ribbons....	105.4	(NA)	(NA)
3914	Silverware and plated ware.....	142.4	82.8	.58	3961	Costume jewelry.....	154.4	(NA)	(NA)
3915	Jewelers' materials and lapidary work.....	192.2	(NA)	(NA)	3962	Artificial flowers.....	45.2	(NA)	(NA)
3931	Musical instruments.....	228.4	(NA)	(NA)	3963	Buttons.....	36.7	4.4	.12
3942	Dolls.....	90.7	30.7	.34	3964	Needles, pins, and fasteners.....	206.9	48.0	.23
3944	Games, toys, and children's vehicles	652.8	178.5	.27	3991	Brooms and brushes.....	170.0	(NA)	(NA)
3949	Sporting and athletic goods, n.e.c.	754.3	223.0	.30	3993	Signs and advertising displays.....	380.5	(NA)	(NA)
3951	Pens and mechanical pencils.....	98.3	(NA)	(NA)	3995	Burial caskets.....	174.2	(NA)	(NA)
3952	Lead pencils and art goods.....	76.8	(NA)	(NA)	3996	Hard surface floor coverings.....	126.3	37.3	.30
					3999	Manufacturing industries, n.e.c....	593.7	39.1	.07

(NA) Not available.

¹Separate data cannot be published for industry 3572, Typewriters, without revealing the operations of individual companies. Accordingly, industry 3572 has been combined with industry 3579, Office machines, N.E.C., for 1972.

TABLE BB. Materials Consumed by Industries

Data for the selected materials shown in tables 1A-6D of this chapter are confined to materials for which complete coverage was obtained. In addition to data shown in this chapter, information for a large number of other materials are shown in Volume II which presents separate chapters for individual industries. Data on the use of these other materials were obtained where they were an important part of total material cost of the given industry. The table below contains a list of all materials for which data were collected on either a "complete coverage" or "partial coverage" basis on the material inquiry section (item 17) of the 1972 Census of Manufactures report forms.

All materials in the census of manufactures are assigned a 6-digit code, based on the following example. The first four digits of the food and agricultural materials indicate the agricultural industry of which the material is a basic product as specified in the 1972 edition of the Office of Management and Budget's *Standard Industrial Classification Manual*. Materials primarily produced in the manufacturing and mineral industries

have a meaningful fifth digit which indicates the primary product class in which the material is manufactured or mined. In cases where the material represents a broad class of materials, the fifth digit will be "0." All 3- and 4-digit industry codes in the last column are the same as those specified in the *Standard Industrial Classification Manual*.

Consumption data collected in the product and special inquiry sections of the census report forms are not shown in the selected materials tables of this chapter nor are they reflected in the list below. These are generally products produced and consumed at the same establishment or receipts and/or purchases of similar or allied items produced in the reporting establishment. Such statistics are included in table 6 (product table) of the 1972 Census of Manufactures final industry reports.

The codes shown under "Consuming industries" indicate the industries for which data on the given material was published. Wherever a 3-digit industry group appears, all 4-digit industries with the group are included.

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
AGRICULTURAL MATERIALS			AGRICULTURAL MATERIALS--Continued		
Nuts:			Poultry:		
010012	Nuts, in shell, including peanuts....	2065, 2066	025111	Young chickens, including commercial broilers.	2016, 2017
013921	Peanuts, in shell.....	2099	025121	Hens (or fowl) and other chickens....	2016, 2017
013923	Shelled peanuts.....	2099	025311	Turkeys.....	2016, 2017
Fibers:			025911	Other poultry and small game, including duck, geese, rabbits, etc.	2016, 2017
013101	Raw cotton.....	2211, 2221, 2231, 2257, 2258, 2281, 2284, 2296	024111	Whole milk.....	2021, 2022, 2023, 2024, 2026
010014	Other fibers, silk, jute, reused wool, waste, etc.	2211, 2221, 2231, 2281, 2283, 2284	025211	Shell eggs.....	2016, 2017
Seed:			Animals slaughtered:		
013111	Cottonseed.....	2074, 2075, 2076	Cattle:		
011911	Flaxseed.....	2076	021011	Live weight.....	2011, 2013
010015	Other seed, nuts and beans, excluding cottonseed, soybean, copra, and flaxseed.	2074, 2076	021013	Number of head.....	
Grains:			Calves:		
011501	Corn, including sorghum grain.....	2044, 2046	021021	Live weight.....	2011, 2013
011913	Barley.....	2041, 2043, 2047, 2048, 2082, 2083	021023	Number of head.....	
011521	Corn.....	2041, 2043, 2045, 2047 2048, 2085	021311	Live weight.....	2011, 2013
011522	Corn, purchased as grain.....	2082	021313	Number of head.....	
011931	Oats.....	2041, 2043, 2047, 2048	Sheep and lamb:		
011241	Rice, rough.....	2044, 2046	021411	Live weight.....	2011, 2013
011951	Rye, used in grain distilling.....	2085	021413	Number of head.....	
011961	Sorghum grain.....	2041, 2047, 2048	027111	Raw wool.....	2257, 2258
011111	Wheat.....	2041, 2043, 2045, 2047, 2048	081111	Stumpage, timber, excluding land, cut and consumed at establishment.	2421, 2426, 2429, 2435, 2436, 2621, 2631
011611	Soybeans.....	2074, 2075, 2076	084911	Natural rubber.....	3357
013211	Unstemmed leaf tobacco, including green tobacco not packed.	2111, 2121, 2131, 2141	084913	Latex, dry solids content.....	3011, 3021, 3031, 3041, 3069
013411	Irish potatoes.....	2032, 2033, 2034, 2037, 2038	084915	Dry.....	3011, 3021, 3031, 3041, 3069
Sugar:			FISHERIES MATERIALS		
013311	Sugar beets.....	2063	Fish:		
013321	Sugar cane.....	2061, 2062	091211	Finfish, round.....	2091, 2092
017011	Fresh fruits.....	2034, 2035, 2099	091311	Shell fish.....	2091, 2092
017511	Apples.....	2033, 2037, 2038	MINERAL MATERIALS		
017515	Apricots.....	2033	Iron ore, including manganiferous:		
017411	Oranges.....	2033, 2037, 2038	101112	Crude ore.....	3312
017211	Grapes.....	2033, 2084	101123	Concentrates.....	3312
017521	Peaches.....	2033, 2037, 2038	101125	Agglomerates.....	3312
017525	Pears.....	2033	102100	Copper ores, concentrates, and precipitates.	3331
017911	Pineapples.....	2033	103101	Lead ores and concentrates.....	3332
017111	Strawberries.....	2033, 2037, 2038	103103	Zinc ores and concentrates.....	3333
017021	Other fresh fruits.....	2032, 2033, 2037, 2038	105101	Bauxite.....	2812, 2819, 2874
017915	Cocoa beans.....	2065, 2066	106112	Manganese ore, including ferruginous, containing ten percent manganese.	3312, 3313
017921	Green coffee.....	2095, 2098, 2099	Coal:		
017925	Copra.....	2076	121120	Used in production of coke.....	3312
017021	See above under Fresh fruits		Crude petroleum:		
016101	Fresh vegetables.....	2034, 2099	131111	Domestic, including field condensate.	2911
016111	Green peas.....	2032, 2033, 2037, 2038	131111	Foreign.....	2911
016121	Snap or wax beans.....	2032, 2033, 2037, 2038			
016131	Sweet corn.....	2032, 2033, 2037, 2038			
016141	Tomatoes.....	2032, 2033, 2035			
016151	Cucumbers.....	2032, 2033, 2035, 2037, 2038			
016191	Other fresh vegetables.....	2032, 2033, 2035, 2037, 2038			

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
MINERAL MATERIALS--Continued			MANUFACTURED MATERIALS--Continued		
131152	Natural gas used as raw material.....	2812, 2819, 2865, 2869, 2873	202613	Food and related materials--Continued	2021, 2022, 2023, 2024, 2026
				Cream.....	
132121	Natural gas liquids:	2911		Canned and dried fruits and vegetables:	
132122	Plant condensate.....	2911	203348	Concentrated fruit juices.....	2032, 2033, 2086, 2087
	Natural gasoline, mixed and crude including drip gasoline.		203411	Dried fruits.....	2032, 2033, 2034, 2035
132123	Liquefied petroleum gases, including feed stocks.	2911	203413	Dried beans.....	2032, 2033
	Nonmetallic minerals:			Grain mill materials:	
	Stone:		204110	Wheat flour.....	2032, 2033, 2035, 2037, 2038, 2041, 2043, 2045, 2047, 2048, 2051, 2052, 2099
141101	Rough blocks used to produce dressed stone.	3281		Semolina and durum flour.....	2098
142011	Crushed and broken stone, including cement rock, limestone, etc.	3241, 3271, 3272, 3273, 3274, 3275	204115	Farina and other wheat flour.....	2098
			204119	Millfeed and screenings.....	2047, 2048
142101	Broken stone received for crushing, screening, or washing.	3281	204121	Wheat germ.....	2043, 2047, 2048
			204123	Hominy feed and meal.....	2047, 2048
	Sand and gravel:		204133	Corn meal.....	2043, 2047, 2048
144201	Sand and gravel.....	2951, 2952, 3271, 3272, 3273	204135		
144611	Glass sand, all types.....	3211, 3221, 3229		Feeds:	
144603	Sand.....	3321, 3322, 3324, 3325, 3361	204801	Supplements and concentrates, mixture of feed ingredients requiring addition of grain and sometimes protein to make a complete feed.	2047, 2048
145501	Clay and related minerals kaolin and ball clay.	2611, 2621, 2631, 2661	204893	Alfalfa meal, excluding alfalfa hay	2047, 2048
	Potassic materials:		204554	Prepared flour mixes.....	2051, 2052
147401	Muriate of potash, including all grades converted to 60-62 percent K ₂ O basis.	2874, 2875	204601	Wet corn milling materials:	
			204602	Corn starch.....	2044, 2046
147402	Other potash bearing materials, potassium sulfate, etc.	2874, 2875	204607	Corn syrup.....	2035, 2099
147501	Phosphate rock.....	2812, 2819, 2874, 2875	204609	Corn gluten feed and meal.....	2047, 2048
147701	Sulfur.....	2611, 2621, 2631, 2812, 2819, 2865, 2869, 2874		Starch.....	2611, 2621, 2631, 2661
147901	Pyrites.....	2812, 2819	206011	Sugar:	
149971	Asbestos, crude, including fiber....	2621, 2661, 3292, 3293		Sugar, cane and beet, in terms of sugar solids.	2021, 2022, 2023, 2024, 2026, 2032, 2033, 2034, 2035, 2037, 2038, 2041, 2043, 2045, 2047, 2048, 2051, 2052, 2061, 2062, 2065, 2066, 2068, 2082, 2086, 2087, 2099
					2061, 2062
MANUFACTURED MATERIALS			206101	Raw cane sugar (converted to 96° basis), purchased as such.	
200011	Food and related materials:	2874, 2875		Confectionery and related materials:	
	Organic ammoniates, cottonseed cake and meal, meat meal and tankage, tobacco stems, etc.		206583	Nut meats, including peanuts, purchased as such.	2065, 2066
201013	Animal materials, except poultry: Fresh and prepared meats, other than poultry.	2032, 2033, 2037, 2038	206611	Chocolate coatings, including cocoa powder composition coatings.	2065, 2066
201101	Meat materials for sausage and canning, not separable by species.	2011, 2013		Beverage materials:	
201102	Other purchased meat materials, cured beef, cured lamb, goat, meat, etc.	2011, 2013	208249	Brewers' and distillers' grains....	2047, 2048
201104	Tallow and stearin, edible.....	2079	208301	Malt.....	2082, 2083, 2085
	Fresh and frozen meats, including variety meats:		208401	Wines purchased for blending.....	2084
201111	Beef.....	2011, 2013	208511	Neutral spirits, used in bottling..	2085
201121	Veal.....	2011, 2013	208513	Aged whiskey, used in bottling....	2085
201131	Lamb.....	2011, 2013	208701	Flavors, including beverage bases, except flavoring sirups.	2086, 2087
201141	Pork.....	2011, 2013	208731	Flavoring sirups.....	2086, 2087
201151	Lard.....	2051, 2052, 2079	207001	Animal and vegetable oils.....	2911, 2992
201161	Processed pork, cured, smoked, etc.	2011, 2013	207003	Fats and oils for use in flour and prepared flour mixes.	2041, 2043, 2045, 2047, 2048
201191	Hides, skins, and pelts.....	2011, 2013, 3111, 3131,	207004	Fats and oils used in animal feeds.	2047, 2048
201391	Animal casings.....	2011, 2013	207006	Fats and oils, all types, purchased as such.	2032, 2033, 2035, 2037, 2038, 2091, 2092, 2099
201601	Dressed poultry (purchased as such)..	2016, 2017, 2032, 2033, 2037, 2038	207010	Vegetable oils, including crude and processed.	3292
201721	Frozen and liquid eggs.....	2051, 2052	207011	Vegetable oil.....	2841, 2842
	Dairy materials:		207014	Other fats and oils, cooking oils, butter, etc.	2051, 2052
202101	Butter.....	2021, 2022, 2023, 2024, 2026	207016	Vegetable oils, except linseed oil.	2851
202210	Natural cheese, other than cottage cheese.	2021, 2022, 2023, 2026	207411	Cottonseed oil, crude.....	2074, 2079
202301	Condensed and evaporated milk.....	2021, 2022, 2023, 2024, 2026	207421	Cottonseed oil, once refined.....	2079
202311	Dried milk.....	2021, 2022, 2023, 2024, 2026	207511	Soybean oil, crude.....	2075, 2079
202401	Ice cream mix, sherbet mix, and ice milk mix.	2021, 2022, 2023, 2024, 2026	207512	Soybean oil, once-refined.....	2079
202612	Fluid skim milk.....	2021, 2022, 2023, 2024, 2026	207601	Crude vegetable oil, except cottonseed and soybean.	2079
			207603	Vegetable oil, once-refined, except cottonseed and soybean.	2079
			207611	Linseed oil, crude or processed....	2851

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
	Food and related materials--Continued			Textile materials--Continued	
	Animal and vegetable oils--Continued			Fabrics, unspecified as to width:	
207901	Margarine and puff paste.....	2051, 2052	220234	Cotton.....	2295, 3079
207911	Shortening.....	2051, 2052	220239	Fabrics, except cotton.....	3079
207915	Cottonseed oil, fully refined.....	2079	220241	Manmade fiber fabrics, including glass.	2295
207916	Soybean oil, fully refined.....	2079			
207917	Other oil, fully refined, except cottonseed and soybean.	2079	220311	Cotton fabrics, except tire cord and tire fabric.	3011, 3021, 3031, 3041, 3069
			220312	Rayon fabrics, except tire cord and tire fabric.	3011, 3021, 3031, 3041, 3069
207431	Cotton linters, net weight.....	2293, 2515, 2611, 2621 3842	220313	Nylon fabrics, except tire cord and tire fabric.	3011, 3021, 3031, 3041, 3069
			220315	Polyester fabrics, except tire cord and tire fabric.	3011, 3021, 3031, 3041, 3069
207441	Cake and meal:		220319	Fabrics other than cotton, rayon, nylon, and polyester, except tire cord and tire fabric.	3011, 3021, 3031, 3041, 3069
207521	Cottonseed cake and meal.....	2047, 2048			
207631	Soybean cake and meal.....	2047, 2048			
	Other oilseed cake and meal.....	2047, 2048			
				Knitted materials:	
207711	Grease and inedible tallow.....	2841, 2842	225011	Hosiery in the greige.....	2251, 2252
207721	Meat meal and tankage.....	2047, 2048	225078	Knitted fabrics, cotton, wool, manmade fibers, etc.	2253, 2254, 2257, 2258, 2259, 2311, 2321, 2322, 2323, 2327, 2328, 2329, 2331, 2335, 2337, 2339, 2341, 2342, 2361, 2363, 2369, 2381, 2384, 2385, 2386, 2389, 3151
207736	Fish meal and solubles.....	2047, 2048			
209993	Spices and curing materials.....	2011, 2013			
	Tobacco materials:				
214111	Unstemmed leaf tobacco, redried and packed.	2111, 2121, 2131, 2141			
214123	Stemmed leaf tobacco, excluding processed sheet and homogenized tobacco.	2111, 2121, 2131, 2141	228011	Yarns, except cotton, nylon spun yarns, acrylic, and nylon filament yarns.	2251, 2252
214124	Processed sheet tobacco and homogenized tobacco.	2111, 2121, 2131, 2141			
214129	Other tobacco materials.....	2111, 2121, 2131, 2141	228013	Yarns, except cotton, rayon and acetate spun yarns, nylon and spun filament yarns, polyester spun yarns, acrylic yarns, wool yarns.	2253, 2254, 2257, 2258, 2259
	Textile materials:				
	Broadwoven fabrics:		228015	Yarns, all fibers.....	2269, 2297
220119	Broadwoven fabrics, uncoated, except cotton.	3711, 3713, 3714, 3715	228101	Spun yarns, all fibers.....	2211, 2221, 2231, 2281, 2282, 2283, 2284
220123	Cotton, wool, manmade fiber fabrics, etc.	2381, 3151, 3721, 3724, 3728, 3769, 3942, 3944, 3949	228102	Cotton yarns.....	2241, 2251, 2252, 2292, 2298, 3357
			228110	Carded cotton yarns.....	2253, 2254, 2257, 2258, 2259
220126	Piece goods, including linings....	2323, 2342, 2384, 2385, 2386, 2387, 2389	228120	Combed cotton yarns.....	2253, 2254, 2257, 2258, 2259
220127	Fabrics, excluding coated, impregnated or laminated fabrics other than cotton, rayon and acetate, and nylon.	2391, 2392, 2393, 2394, 2399	228130	Rayon and acetate spun yarns.....	2253, 2257, 2258, 2259
220128	Fabrics, uncoated, except cotton, rayon and acetate.	2396	228141	Nylon spun yarns.....	2251, 2252, 2253, 2257, 2258, 2259
220129	Broadwoven fabrics, piece goods....	2311, 2321, 2322, 2327, 2328, 2329, 2331, 2335, 2337, 2339, 2341, 2361, 2363, 2369, 3161, 3171, 3172	228143	Polyester spun yarns.....	2253, 2257, 2258, 2259
			228145	Acrylic yarns.....	2251, 2252, 2253, 2257, 2258, 2259
220149	Broadwoven fabrics, except cotton..	3842	228301	Wool yarns.....	2253, 2257, 2258, 2259
220211	Broadwoven fabrics, purchased or transferred from other plants of same company.	2211, 2221, 2231, 2261, 2262			
221101	Cotton piece goods, excluding coated, impregnated or laminated fabrics.	2391, 2392, 2393, 2394 2399, 3842	282011	Manmade fiber filament yarns:	
221103	Uncoated cotton broadwoven fabrics.	2396, 3711, 3713, 3714, 3715		Manmade fiber yarns, rayon, acetate, nylon, etc.	2292, 2298
221141	Ticking, mattress.....	2515	282301	Rayon and acetate, and glass....	2211, 2221, 2231, 2241, 2253, 2257, 2258, 2259, 2281, 2282, 2283, 2296
221161	Woven upholstery fabrics, cotton, excluding ticking and muslin.	2515			
222101	Rayon and acetate broadwoven fabrics, excluding coated, impregnated or laminated fabrics.	2391, 2392, 2394, 2399	282402	Filament yarn, except polyester, rayon and acetate, and glass.	2211, 2221, 2231, 2281, 2283, 2284, 2296
222102	Rayon and acetate broadwoven fabrics, uncoated.	2396	282411	Nylon filament yarns.....	2241, 2251, 2252, 2253, 2257, 2258, 2259
222103	Woven upholstery fabrics--rayon, nylon, polyester, etc., excluding ticking and muslin.	2515	282423	Polyester filament yarns.....	2211, 2221, 2231, 2253, 2257, 2258, 2259, 2281, 2282, 2296
222105	Nylon broadwoven fabrics, except coated, impregnated or laminated fabrics.	2391, 2392, 2393, 2394, 2399	322935	Glass filament yarn and roving...	2221, 2231, 2241, 2281, 2296
			229308	Paddings and fillings, except rubber and plastic foam.	2512, 2515
			229501	Coated, impregnated, and laminated fabrics.	3792
			229502	Coated fabrics, other than vinyl	2396
			229503	Coated, impregnated, or laminated plastics on cloth backing, including artificial leather.	2392, 2393, 2394, 2399, 3142, 3143, 3144, 3149, 3161, 3171, 3172
			229506	Plastic coated fabric and shade cloth.	2591
			229507	Coated or impregnated woven and non-woven fabrics, except rubberized.	2782, 2789
			229508	Coated or laminated fabric, for upholstery.	2512, 2514, 2515, 2521, 2522, 2531, 2541, 2542, 2599
			229521	Vinyl coated fabrics, with cotton backing.	2396

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
	Textile materials--Continued			Wood materials--Continued	
	Tire cord and tire fabric:		243103	Doors and door units, wood.....	2452
229601	Cotton cord.....	3011, 3031, 3041, 3069	243056	Plywood.....	3731, 3732, 3792
229602	Rayon cord.....	3011, 3031, 3041, 3069	243601	Softwood plywood.....	2431, 2434, 2435, 2436, 2439, 2441, 2449, 2452, 2511, 2517, 2521, 2522, 2531, 2541, 2542, 2599
229603	Nylon cord.....	3011, 3031, 3041, 3069			
229605	Polyester cord.....	3011, 3031, 3041, 3069			
229606	Fiberglass fabrics.....	3011, 3031, 3041, 3069	243510	Hardwood plywood.....	2435, 2436, 2452, 2521, 2522, 2531, 2541, 2542, 2599
229609	Chafer and other tire fabrics.....	3011, 3031, 3041, 3069			
229931	Raw wool, mohair, and other animal fibers, scoured weight.	2221, 2231, 2281, 2283		Other than container type:	
229933	Wool tops.....	2221, 2231, 2281, 2283	243511	Veneer core.....	2431, 2434, 2511, 2517
229801	Cordage.....	2591	243513	Board core, including lumber, particleboard, and hardboard core.	2431, 2434, 2511, 2517
229710	Nonwoven fabric.....	2641, 2647, 2649, 3842			
229921	Burlap bags, new.....	2041, 2043, 2047, 2048	243515	Container type.....	2441, 2449
229300	Containers, textile.....	2874, 2875			
239301	Cotton bags.....	2041, 2043, 2047, 2048	243540	Veneer:	
	Wood materials:			Hardwood.....	2431, 2434, 2435, 2436, 2441, 2449, 2511, 2517, 2521, 2522, 2531, 2541, 2542, 2599
	Pulpwood:				
	Softwood, bolts and logs:			Softwood.....	2431, 2435, 2436, 2441, 2449
241101	Spruce and true fir.....	2611, 2621, 2631	243640	Particleboard.....	2431, 2434, 2435, 2436, 2439, 2452, 2511, 2517, 2521, 2522, 2531, 2541, 2542, 2599
241102	Hemlock.....	2611, 2621, 2631	249200	Hardboard, wood fiberboard.....	2431, 2434, 2452, 2498, 2449, 2511, 2517, 2521, 2522, 2531, 2541, 2542, 2599
241103	Jack pine.....	2611, 2621, 2631			
241104	Southern pine.....	2611, 2621, 2631, 2661		Furniture materials:	
241105	Other softwoods, including Douglas fir.	2611, 2621, 2631	251011	Cabinets, wood, metal, and plastic...	3651
242015	Softwood slabs, cores, sawdust, bark, and other mill residues.	2611, 2621, 2631, 2661	242661	Furniture frames, wood.....	2434, 2511, 2512, 2515, 2517
242157	Softwood wood chips.....	2611, 2621, 2631, 2661			
	Hardwood, bolts and logs:			Paper and paperboard materials:	
241106	Northern mixed hardwoods.....	2611, 2621, 2631, 2661		Woodpulp:	
241107	Poplar, aspen and popple.....	2611, 2621, 2631, 2661	261101	Used in pressed and molded pulp products.	2821, 2823, 2824
241108	Southern mixed hardwoods.....	2611, 2621, 2631, 2661	261102	Produces at affiliated or associated mills.	2611, 2621, 2631, 2661
241119	Other hardwoods.....	2611, 2621, 2631	261104	Purchased (market) woodpulp.....	2297, 2611, 2621, 2631, 2661
242013	Hardwood slabs, wood chips, cores, sawdust, bark, and other mill residues.	2611, 2621, 2631, 2661	261122	Linter pulp.....	2621
	Logs, bolts, and unsliced flitches:			Paper:	
241111	Hardwood.....	2421, 2426, 2429, 2431, 2435, 2436, 2441, 2448, 2449, 2499	262100	Newsprint, book, bond, cover, coated, tissue, groundwood, writing, file folder, tag stock.	2782, 2789
241112	Softwood.....	2421, 2426, 2429, 2431, 2435, 2436, 2441, 2448, 2449, 2499	262101	Paper, except newsprint and coated papers.	2711, 2732, 2751, 2752, 2753, 2754, 2761
241109	Poles, piling, and other round or hewn wood products.	2491	262102	Uncoated papers, groundwood, book, bond, writing, ledger, and manifold.	2721, 2731, 2741
242011	Chips, slabs, edgings, shavings, sawdust, and other wood wastes.	2448, 2492, 2499	262105	Paper produced at own location or at affiliated or associated mills.	2641, 2642, 2643, 2645, 2646, 2647, 2648, 2649, 2651, 2653, 2654, 2655
	Lumber:		262106	Purchased (market) paper.....	2641, 2642, 2643, 2645, 2646, 2647, 2648, 2649, 2651, 2652, 2653, 2654, 2655
242111	Rough and dressed:		262111	Newsprint.....	2711, 2721, 2731, 2741
	Hardwood.....	2421, 2426, 2434, 2435, 2436, 2511, 2512, 2517, 2521, 2522, 2531, 2541, 2542, 2599	262112	Newsprint.....	2732, 2751, 2752, 2754, 2761
242123	Softwood.....	2434, 2435, 2436, 2511, 2512, 2517, 2521, 2522, 2531, 2541, 2542, 2599	262131	Coated papers, all types.....	2711, 2721, 2731, 2741
242110	Rough lumber, including sawn ties:		262136	Coated one side.....	2732, 2751, 2752, 2754, 2761
	Hardwood.....	2421, 2426, 2431, 2439, 2441, 2448, 2449, 2452, 2491, 2499	262138	Coated two sides.....	2732, 2751, 2752, 2754, 2761
242121	Softwood.....	2421, 2426, 2431, 2439, 2441, 2448, 2449, 2452, 2491, 2499	262150	Bristols, cover, text and other specialty paper, uncoated.	2721, 2731, 2741
242103	Dressed lumber.....	3731, 3732, 3792	262163	Carbonless papers.....	2752, 2761
242117	Hardwood.....	2421, 2426, 2431, 2439, 2441, 2448, 2449, 2499	262164	Carbonizing tissue stock for conversion into one-time carbon paper	2761
242128	Softwood.....	2421, 2426, 2431, 2439, 2441, 2448, 2449, 2499			
242622	Rough, surfaced, or semifabricated hardwood furniture dimension and dimension stock.	2434, 2448, 2499, 2511, 2512, 2515, 2517			
243101	Windows and window units, wood.....	2452			

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
	Paper and paperboard materials--Con.			Chemical materials--Continued	
	Paperboard:			Pigments--Continued	
263102	Produced at own location or at af- filiated or associated mills.	2641, 2643, 2645, 2646, 2648, 2649, 2651, 2652, 2653, 2654, 2655	281601	Other inorganic pigments; including chrome colors, whiting, calcium carbonate, precipitated, white and red lead, litharge, lithopone, etc.	2851
263103	Purchased (market) paperboard.....	2641, 2642, 2643, 2645, 2646, 2647, 2648, 2649, 2651, 2652, 2653, 2654, 2655	281611	Titanium dioxide, composite and pure	2621, 2631, 2661, 2851
263105	Paperboard, except that used for shipping, such as news, chip, pasted, tablet, check, binders board.	2732, 2751, 2752, 2753, 2754, 2761, 2782, 2789,	281622	Zinc oxide pigments, including leaded zinc oxide.	2851
263112	Paperboard liners.....	3275	281634	Litharge.....	3691
264140	Pressure sensitive base stock, self- adhesive, including all types, paper, film, foil, etc.	2732, 2751, 2752, 2761	281211	Alkalies and chlorine:	
260012	Containers, sacks, and boxes:			Chlorine.....	2611, 2621, 2812, 2819, 2842, 2865, 2869
	Paper and paperboard products, including shipping containers, setup and folding cartons, etc., excluding paperback foil and cigarette paper.	2111, 2121, 2131, 2141	281228	Sodium carbonate, soda ash.....	2621, 2812, 2819, 2841, 2842, 2865, 2869, 3211, 3221, 3229
260091	Paper and paperboard containers and shipping sacks.	2062, 2063, 2075, 2079 2091, 2823, 2824, 2844, 2851, 3011, 3021, 3031, 3041, 3069, 3411, 3412, 3585, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3641, 3651, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679	281238	Sodium hydroxide, caustic soda....	2611, 2621, 2812, 2819, 2823, 2824, 2841, 2842, 2865, 2869, 2911, 2992 3312
264302	Bags (except textile), including shipping sacks, multiwall bags, and polyethylene lines.	2874, 2875	281340	Oxygen, including high and low purity, liquid oxygen in terms of gaseous equivalent.	
264338	Paper shipping sacks and multiwall bags.	2041, 2043, 2045, 2047, 2048, 3241, 3274, 3275		Cyclic intermediates and coal tar crudes:	
265001	Paperboard containers and boxes....	3942, 3944	286511	Aniline.....	2812, 2819, 2865, 2869
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes.	2032, 2033, 2037, 2038, 2431, 2514, 2521, 2522, 2531, 2541, 2542, 2599, 2621, 2631, 2641, 2643, 2647, 2648, 2649, 2831, 2833, 2834, 2841, 2842, 3429, 3465, 3466, 3469, 3949	286512	Nitrobenzene.....	2812, 2819, 2865
265013	Paperboard folding and corrugated boxes.	2041, 2043, 2045, 2047, 2048	286513	Phenol.....	2812, 2819, 2821, 2865, 2869
265019	Paperboard containers and boxes, ex- cept corrugated shipping containers	3221	286514	Phthalic anhydride.....	2812, 2819, 2821, 2851, 2865, 2869
265301	Corrugated paperboard shipping con- tainers.	3221, 3229, 3231	286515	Melamine.....	2821
265522	Cans, bodies with combination of fiber and other materials, foil, plastic, etc., with metal ends.	2991, 2992	286516	Styrene.....	2821, 2822, 2851
264926	Paper, cellulosic wadding.....	2297	286551	Creosote oil.....	2491
266101	Roofing felts (unsaturated, other con- struction paper and insulating board.	2952	286552	Benzol, benzene.....	2812, 2819, 2865, 2869
278227	Looseleaf metal parts.....	2782, 2789	286553	Tar, crude.....	2812, 2819, 2865
280010	Chemical materials:		286555	Naphthalene, grades of 77.5°C. or higher.	2812, 2819, 2865, 2869
	Additives, e.g., fire retardants, water repellants, softeners, antistatics, etc.	2297		Industrial organic chemicals:	
280011	Antioxidants, antiknock compounds, and inhibitors, except animal and vegetable oils.	2911, 2992	286901	Optical bleach, optical brightener.	2841, 2842
280012	Other additives, including soaps and detergents, except animal and vegetable oils.	2911, 2992	286911	Driers, naphthenic acid salts, rosin acid salts, etc.	2851
280021	Tanning materials, dressings, dyes, and other finishing agents.	3111, 3131	286914	Hexamethylenediamine.....	2823
280023	Pigments:		286920	Alcohols, including amyl, butyl, methyl and propyl.	2812, 2819, 2821, 2865, 2869
286531	Organic and inorganic.....	3292	286921	Acrylonitrile.....	2821, 2822, 2823, 2824
	Dyes, lakes, and toners.....	2211, 2221, 2231, 2261, 2262, 2269, 2281, 2282, 2283, 2284, 2851	286922	Solvents, butyl alcohols, butyl acetone, etc.	2851
281600	Inorganic pigments.....	3011, 3021, 3031, 3041, 3069	286923	Formaldehyde.....	2812, 2819, 2821, 2869
			286924	Cellulose acetate.....	2821
			286925	Acrylates and methacrylates, monomers.	2821, 2823, 2824
			287321	Urea and calurea.....	2047, 2048, 2821, 2874, 2875
			286927	Vinyl acetate, monomer.....	2821, 2851
			286928	Vinyl chloride, monomer.....	2821
			286929	Acetic anhydride, net after recovery.	2823, 2824
			286933	Rubber processing chemicals, accel- erators, antioxidants, blowing agents, inhibitors, peptizers, etc.	2821, 2822, 3011, 3021, 3031, 3069
			286935	Plasticizers.....	2821, 3011, 3021, 3031, 3041, 3069, 3079
			286937	Diocetyl phthalate, dibutyl ph- thalate, diisodecyl phthalate, dioctyl sebacate, tricresyl phosphate, etc.	2851
			286952	Alcohol, ethyl, pure and denatured.	2812, 2819, 2865, 2869
			286963	Caprolactam.....	2823, 2824
			286965	Glycols, ethylene, propylene, etc..	2823, 2824
			286967	Glycerol, glycerine.....	2851
			286968	Pentaerythritol.....	2851

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
	Chemical materials--Continued			Chemical materials--Continued	
	Industrial inorganic chemicals:			Plastics--Continued	
280093	Mixed acid, sulfuric and nitric....	2892	282141	Urea and melamine resins.....	2448, 2492, 2499
287311	Nitric acid.....	2812, 2819, 2865, 2869, 2873, 2892	282142	Phenolic and other tar acid resins.	2448, 2492, 2499
	Nitrogenous materials:		282105	Synthetic resins, alkyd, styrene, vinyl, urea, melamine, epoxy, phenolic acrylic, etc.	2851
287312	Ammonia, synthetic, anhydrous....	2812, 2819, 2865, 2869, 2873, 2874, 2875, 2892		Plastic shapes:	
287313	Ammoniating or nitrogen solutions including mixtures containing urea.	2874, 2875	307902	Plastic rods, tubes, and other shapes.	3451, 3452
287314	Ammonium nitrate.....	2874, 2875, 2892	307904	Plastic parts and accessories....	2591
287315	Ammonium sulfate.....	2874, 2875	307911	Unsupported plastic film and sheeting excluding packaging materials.	2391, 2392, 2396, 2399, 2514, 3711, 3714
281975	Sodium nitrate.....	2874, 2875		Plastic rods, tubes, and other shapes.	3079
287316	Other chemical nitrogenous materials, including potassium nitrate, calcium cyanamide and ammonium nitrate and limestone mixtures.	2874, 2875	307912	Casings, synthetic, including cellulosic and fibrous reinforced.	2011, 2013
281930	Sulfuric acid.....	3312, 3315	307914	Unsupported plastic film, sheets, and sheeting.	3142, 3143, 3144, 3149, 3161, 3171, 3172
281931	Sulfuric acid, except spent acid...	2812, 2819, 2821, 2822, 2823, 2824, 2865, 2869, 2873, 2874, 2875, 2911, 2992	307915	Unsupported plastic film, sheets and sheeting, except cellulosic.	2641, 2643, 2647, 2648, 2649
281932	Sulfuric acid sludge, decomposition acid.	2812, 2819	307918	Plastics film or sheeting.....	2782, 2789
281933	Spent sulfuric acid.....	2874	307921	Formed and slab stock for pillows, cushions, seating, etc.--urethane.	2512
281944	Hydrochloric acid.....	2812, 2819, 2865, 2869	307922	Urethane foam cores for mat- tresses, excluding topped pads.	2512, 2515
281946	Hydrofluoric acid.....	2812, 2819, 2869		Plastic laminated sheets.....	2431, 2434, 2511, 2512, 2514, 2517, 2521, 2522, 2531, 2541, 2542, 2599
287410	Phosphoric acid.....	2812, 2819, 2869, 2873, 2874, 2875	307940	Plastic containers.....	2831, 2833, 2834, 2841, 2842, 2844
281951	Alumina.....	3334	307951	Plastic furniture parts and components.	2434, 2511, 2512, 2514, 2517, 2521, 2522, 2531, 2541, 2542, 2599
281961	Aluminum sulfate.....	2611, 2621	307965	Fabricated pipe and fittings, plastic.	2452
281971	Potassium pyrophosphate (TKPP)....	2841, 2842	307905	Cut stock and findings, composi- tion and nuclear.	3142, 3143, 3144, 3149
281972	Sodium tripolyphosphate (STPP)....	2841, 2842		Synthetic rubber.....	3357
281973	Tetrasodium pyrophosphate (TSPP)...	2841, 2842	282202	S-type butadiene styrene copolymers; including solution polymerized types with styrene content of 50 percent or less, polybutadienes, emulsion polymerized types, and butadiene-vinylpyridine copolymers.	3011, 3021, 3031, 3041, 3069
281974	Trisodium phosphate (TSP).....	2841, 2842	282201	Butyl type.....	3011, 3021, 3031, 3041, 3069
281976	Sodium sulfate, including salt cake	2611, 2621, 3211, 3229	282205	Neoprene.....	3011, 3021, 3031, 3041, 3069
281980	Chemical catalytic preparations....	2911, 2992	282206	N-type, butadiene-acrylonitrile....	3011, 3021, 3031, 3041, 3069
281995	Silicon, hyperpure.....	3662, 3673, 3674, 3675, 3676, 3677, 3678, 3679	282207	Polyisoprene type.....	3011, 3021, 3031, 3041, 3069
281996	Phosphorus, elemental.....	2812, 2819, 2869	282208	Polyurethane.....	3011, 3021, 3031, 3041, 3069
281997	Silver nitrate.....	3861	282211	Stereo polybutadiene elastomers, so- lution-polymerized polybutadiene.	3011, 3021, 3031, 3041, 3069
282014	Manmade fibers, staple and tow.....	2257, 2258, 2392, 2399	282215	Ethylene-propylene type.....	3011, 3021, 3031, 3041, 3069
282305	Rayon and acetate, staple and tow..	2211, 2221, 2231, 2281, 2283	282209	Other elastomers.....	3011, 3021, 3031, 3041, 3069
282421	All other manmade fiber staple and tow, except glass.	2211, 2221, 2231, 2281, 2283	282303	Textile fibers, manmade--cellulosic, rayon and acetate.	2297
282425	Polyester staple and tow.....	2211, 2221, 2231, 2281, 2283	282403	Textile fibers, manmade--noncellu- losic polyester, nylon, etc.	2297
	Plastics:				
282101	Polyethylene plastics, all forms...	3357			
282102	Vinyl plastics, all forms.....	3357			
282103	Cellulosic plastics, sheet and rolls, and cellophane.	2641, 2643, 2647, 2649			
307981	Cellophane, tubes, sheets, rolls...	2111, 2121, 2131, 2141			
282130	Thermoplastic resins, cellulosics, polyethylene, styrenes, etc., in- cluding solid and liquid but ex- cluding sheets and other shapes.	2641, 2643, 2649, 2821, 3011, 3021, 3031, 3041, 3069, 3079, 3466, 3469, 3483, 3613, 3622, 3643, 3644, 3645, 3646, 3647, 3648, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3711, 3713, 3714, 3715, 3731, 3732, 3942, 3944, 3949			
282131	Polypropylene resins.....	2823, 2824			
282137	Vinyl and vinyl copolymer resins, all forms.	2295, 3292			
282140	Thermosetting resins, melamines, phenolics, polyesters, ureas, etc., including solid and liquid but excluding sheets and other shapes.	2435, 2436, 2439, 2452, 2821, 3011, 3021, 3031, 3041, 3069, 3079, 3465, 3466, 3469, 3483, 3613, 3622, 3643, 3644, 3645, 3646, 3647, 3648, 3661, 3662, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3711, 3713, 3714, 3715, 3731, 3732, 3942, 3944, 3949			

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
	Chemical materials--Continued			Petroleum materials--Continued	
	Drugs:		291171	Extender oils, of petroleum origin...	2821, 2822
283301	Vitamins, natural and synthetic, bulk, excluding vitamins for animal feed.	2831, 2833, 2834	291181	Foreign unfinished oils, received from foreign countries for further processing.	2911
283303	Nutrients for enrichment and fortification.	2041, 2043, 2047, 2048, 2051, 2052		Asphalt:	
283317	Sulfa drugs, bulk.....	2831, 2833, 2834	291191	Less than 200 penetration.....	2951, 2952
283318	Antibiotics for human and veterinary use, excluding antibiotics for animal feed.	2831, 2833, 2834	291195	200 and over penetration.....	2951, 2952
			295231	Asphalt roofing.....	2452
283391	Microingredients, vitamins, antibiotics, drugs, trace minerals, etc., either purchased separately or as mixtures commonly called premixes.	2047, 2048		Rubber and plastics materials:	
	Soap, cleaners, and toilet goods:		300115	Plastic, and natural and synthetic rubber cut stock and findings.	3142, 3143, 3144, 3149
284101	Soap and detergents.....	2821, 2822	300167	Rubber and plastics products, including tires and tubes.	3711, 3713, 3714, 3715
284141	Glycerin.....	2821, 2841, 2842	301101	Pneumatic and solid tires and inner tubes.	3711, 3713, 3714, 3715
	Bulk surface active agents other than sulfonated oils and fats:		301131	Pneumatic tires.....	3523, 3524, 3531, 3532, 3536
284308	Emulsifiers, wetting agents, penetrants, etc., other than primarily for detergent purposes	2841, 2842	301141	Inner tubes.....	3523, 3524
	Primarily for detergent purposes.		303101	Reclaimed rubber, excluding "mud" and crumb or ground scrap.	3011, 3021, 3031, 3041, 3069
284309	Perfume oil mixtures and blends....	2841, 2842	306931	Formed and slab stock for pillows, cushions, seating, etc., rubber.	2512
284421		2841, 2842		Rubber foam cores for mattresses, excluding topper pads.	2512, 2515
285101	Paints, varnishes, lacquers, japans, and enamels.	2434, 2452, 2511, 2512, 2514, 2517, 2521, 2522, 2531, 2541, 2542, 2599, 3411, 3412	306933	Rubber and elastomer resin soling slabs and top lift sheets-cut stock and findings.	3142, 3143, 3144, 3149
		2851	306965	Rubber compounds and mixtures, dry rubber solids content.	3011, 3021, 3031, 3041, 3069
286102	Tall oil and rosin, gum and wood....	2851	306980		
	Phosphatic materials, fertilizers:			Leather materials:	
287421	Superphosphate, used in mixed goods, normal and enriched, less than 42% P ₂ O ₅ .	2874, 2875	311100	Finished leather.....	2381, 2386, 2387, 3151, 3161, 3171, 3172, 3199, 3949
287424	Superphosphate, used in mixed goods, triple, 42% P ₂ O ₅ and over.	2874, 2875		Upper leather.....	3111, 3131
287426	Other phosphatic materials, including wet base goods, ammonium phosphates, etc.	2874, 2875	311103	Lining leather.....	3142, 3143, 3144, 3149
	Adhesives:		311104	All other upper leather.....	3142, 3143, 3144, 3149
289101	Glues and adhesives, soybean, casein, blood, albumen, synthetic resin adhesives, etc.	2435, 2436, 2641, 2642, 2643, 2645, 2646, 2647, 2648, 2649, 2651, 2652, 2653, 2654, 2655		Soling leather:	
			311105	Innersole leather.....	3111, 3131, 3142, 3143, 3144, 3149
289147	Adhesives and binders, resins.....	2297	311106	All other soling leather.....	3142, 3143, 3144, 3149
289956	Rosin sizing.....	2611, 2621	311107	Finished leather except upper and soling leather.	3111, 3131
	Explosives:		311108	Finished leather, except upper, innersole and other soling leather.	3142, 3143, 3144, 3149
289217	Smokeless powder.....	3482, 3484	313108	Leather and other cut stock and findings.	
	Printing inks:			Glass materials:	
289301	Printing inks, complete formulations	2641, 2643, 2647, 2649, 2651, 2653, 2654, 2711, 2731, 2753, 2761, 2721, 2732, 2754	320311	Glass and glass products, other than tube blanks.	3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679
289311	Letterpress printing inks, including news.	2721, 2732, 2751, 2752, 2754	320313	Glass and glass products, including lamp bulb blanks.	3641, 3645, 3646, 3647, 3648
289323	Lithographic printing inks.....	2721, 2732, 2751, 2752, 2754	321101	Flat glass plate, float, and sheet...	2511, 2514, 3442, 3443, 3444, 3446, 3448, 3449
289305	Other printing inks, including gravure, flexographic, and screen process.	2821, 2822, 3011, 3021, 3031, 3041, 3069	321111	Sheet glass.....	3211, 3229, 3231
289501	Carbon black.....		321121	Plate and float glass.....	3211, 3229, 3231
	Petroleum materials:		322101	Glass containers.....	2032, 2033, 2035, 2079, 2084, 2085, 2099, 2841, 2842
291101	Fuel oil used as raw material.....	2895		Glass containers.....	2831, 2833, 2834, 2844
291105	Petroleum thinners, naptha.....	2851	322901	Glass products, other than plate, float and sheet glass and tableware.	3229, 3231
291106	Petroleum wax.....	2641, 2643, 2653, 2654	322911	Glass tumblers, stemware and other tableware.	3229, 3231
291107	Benzol, benzene.....	2911	322921	Tube blanks.....	3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679
	Liquefied petroleum and refinery gases for chemical feedstocks:			Glass fiber, roving, mats, etc.....	3079, 3731, 3732
291164	Propane.....	2869	323150	Mirrors, framed and unframed.....	2511
291165	Ethylene.....	2821, 2865, 2869			
291166	Propylene.....	2865, 2869			
291169	Other, including mixtures.....	2865, 2869			
	Liquefied petroleum and refinery gases:				
291167	Butadiene.....	2821, 2822			
291168	Other, including isoprene, propylene, isobutylene, etc.	2821			

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
324101	Portland cement.....	3271, 3272, 3273, 3292		Primary metal materials--Continued	
320591	Refractories:			Mill shapes and forms, except	
325501	Clay or nonclay.....	3241, 3274, 3275		castings--Continued	
	Clay.....	3211, 3221, 3229, 3312, 3313, 3321, 3322, 3324, 3325, 3361		Carbon steel--Continued	
329701	Nonclay.....	3211, 3221, 3229, 3312, 3313, 3321, 3322, 3324, 3325, 3361		Sheet and strip--Continued	3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3711, 3713, 3714, 3715, 3721, 3724, 3731, 3732, 3743, 3751, 3761, 3792, 3795, 3811, 3822, 3823, 3824, 3825,
327401	Lime.....	2611, 2621			
327403	Fluxes:		331013	Plates.....	3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3494, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3547, 3549, 3551, 3553, 3554, 3555, 3559, 3561, 3562, 3563, 3565, 3566, 3567, 3568, 3569, 3581, 3582, 3585, 3586, 3589, 3592, 3599, 3612, 3613, 3621, 3622, 3631, 3632, 3634, 3635, 3636, 3639, 3645, 3646, 3647, 3648, 3694, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3743, 3751, 3761, 3764, 3769, 3795, 3799, 3811, 3822, 3824, 3825, 3828
329503	Lime, including quicklime and dead- burned dolomite.....	3312			
329505	Limestone.....	3312			
329506	Fluorspar.....	3312			
	Other fluxes.....	3312			
327511	Gypsum building board.....	2452			
329501	Roofing granules.....	2952			
329502	Dead-burned magnesia.....	3312			
329903	Industrial diamonds.....	3541, 3542, 3544, 3545, 3546, 3547			
329905	Mica.....	3662, 3671, 3673			
	Primary metal materials:				
	Mill shapes and forms, except				
	castings:				
331001	Carbon steel.....	3699, 3861, 3914, 3942, 3944, 3949, 3963, 3964, 3999			
331009	Concrete reinforcing bars.....	3271, 3272, 3441, 3442, 3443, 3444, 3446, 3448, 3449			
331010	Bars and bar shapes, except concrete reinforcing bars.	3441, 3442, 3443, 3444, 3446, 3448, 3449			
331011	Bars and bar shapes.....	3421, 3423, 3425, 3429, 3431, 3433, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3493, 3494, 3495, 3496, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3533, 3534, 3535, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3552, 3553, 3554, 3555, 3559, 3561, 3562, 3563, 3565, 3566, 3568, 3569, 3572, 3573, 3574, 3576, 3579, 3581, 3582, 3585, 3586, 3589, 3592, 3599, 3612, 3613, 3621, 3622, 3623, 3632, 3633, 3634, 3635, 3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3651, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3743, 3761, 3769, 3792, 3795, 3799, 3811, 3822, 3823, 3824, 3825	331015	Structural shapes.....	3433, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3465, 3466, 3469, 3483, 3489, 3495, 3496, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3533, 3534, 3536, 3537, 3541, 3544, 3545, 3546, 3547, 3549, 3551, 3552, 3559, 3561, 3563, 3565, 3567, 3569, 3572, 3573, 3574, 3576, 3579, 3581, 3582, 3585, 3586, 3589, 3592, 3599, 3612, 3613, 3622, 3623, 3631, 3632, 3634, 3635, 3636, 3639, 3645, 3646, 3647, 3648, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3743, 3751, 3761, 3764, 3769, 3811, 3822, 3823, 3824, 3825
331012	Sheet and strip.....	2514, 2515, 2521, 2522, 2531, 2541, 2542, 2591, 2599, 2651, 2652, 2653, 2654, 2655, 3411, 3412, 3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3452, 3482, 3483, 3484, 3489, 3493, 3494, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3534, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3552, 3553, 3555, 3561, 3562, 3563, 3565, 3566, 3567, 3568, 3569, 3572, 3576, 3579, 3581, 3582, 3585, 3586, 3589, 3592, 3599, 3613, 3621, 3622, 3623, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3651, 3661, 3662, 3671, 3672,	331017	Wire and wire products.....	3011, 3031, 3041, 3069, 3411, 3412, 3421, 3423, 3425, 3429, 3433, 3441, 3442, 3443, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3493, 3495, 3496, 3498, 3499, 3523, 3524, 3531, 3532, 3534, 3535, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3552, 3559, 3562, 3565, 3566, 3568, 3572, 3573, 3574, 3576, 3579, 3581, 3582, 3585, 3589, 3592, 3599, 3621, 3623, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3711, 3713, 3714, 3715, 3724, 3728, 3731, 3732, 3743, 3751, 3761, 3764, 3769, 3795, 3799, 3811, 3822, 3823, 3824, 3825

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
	Primary metal materials--Continued			Primary metal materials--Continued	
	Mill shapes and forms, except castings--Continued			Mill shapes and forms, except castings--Continued	
	Carbon steel--Continued			Alloy steel, except stainless--Con.	
331018	Tin plate, terne plate and black plate.	3411, 3412, 3465, 3466, 3469	331029	All other alloy steel, except stainless, mill shapes and forms.	3421, 3423, 3425, 3431, 3432, 3441, 3442, 3443, 3444, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3493, 3495, 3496, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3533, 3536, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3555, 3559, 3565, 3569, 3586, 3592, 3599, 3631, 3633, 3634, 3635, 3636, 3639, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3764, 3769, 3792, 3811, 3822, 3823, 3824
331041	Ingot.....	3462, 3463			
331042	Blooms, billets and slabs.....	3462, 3463			
331043	Bars.....	3462, 3463			
331019	All other carbon steel mill shapes and forms, including tubing.	2514, 2515, 2521, 2522, 2531, 2541, 2542, 2591, 2599, 3411, 3412, 3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3493, 3495, 3496, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3552, 3553, 3554, 3555, 3559, 3561, 3562, 3563, 3565, 3566, 3567, 3568, 3569, 3572, 3573, 3574, 3576, 3579, 3581, 3582, 3585, 3586, 3589, 3592, 3599, 3612, 3613, 3621, 3622, 3623, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3651, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3711, 3713, 3715, 3721, 3724, 3728, 3731, 3732, 3743, 3751, 3761, 3764, 3769, 3792, 3795, 3799, 3811, 3822, 3823, 3824, 3825, 3832	331031	Stainless steel.....	2514, 2521, 2522, 2531, 2541, 2542, 2599, 3552, 3612, 3694, 3699, 3743, 3792, 3832, 3963
			331033	Sheet and strip.....	3321, 3411, 3412, 3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3493, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3533, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3553, 3554, 3555, 3559, 3561, 3562, 3563, 3565, 3566, 3567, 3568, 3572, 3573, 3574, 3576, 3579, 3586, 3592, 3599, 3613, 3621, 3622, 3623, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3651, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3761, 3764, 3795, 3822, 3823, 3824, 3825, 3861, 3914, 3942, 3944, 3949, 3999
331020	Alloy steel, except stainless.....	2514, 2521, 2522, 2531, 2541, 2542, 2599, 3411, 3412, 3429, 3433, 3534, 3535, 3537, 3551, 3552, 3553, 3554, 3567, 3572, 3573, 3574, 3576, 3579, 3581, 3582, 3585, 3589, 3612, 3613, 3621, 3622, 3623, 3632, 3643, 3644, 3645, 3646, 3647, 3648, 3651, 3694, 3699, 3731, 3732, 3743, 3832, 3861, 3914, 3942, 3944, 3949, 3963, 3964, 3999	331047	Ingot.....	3462, 3463
			331048	Blooms, billets and slabs.....	3462, 3463
			331049	Bars.....	3462, 3463
			331050	Mill shapes and forms, other than sheet and strip.	3321, 3411, 3412, 3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3493, 3498, 3499, 3511, 3519, 3521, 3523, 3524, 3531, 3532, 3533, 3534, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3553, 3554, 3555, 3559, 3561, 3562, 3563, 3565, 3566, 3567, 3568, 3572, 3573, 3574, 3576, 3579, 3586, 3592, 3599, 3613, 3621, 3622, 3623, 3631, 3633, 3634, 3635, 3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3651, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3761, 3764, 3792, 3811, 3822, 3823, 3824, 3825, 3861, 3914, 3942, 3944, 3949, 3999
331021	Bars and bar shapes.....	3421, 3423, 3425, 3431, 3432, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3493, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3533, 3536, 3541, 3544, 3545, 3546, 3547, 3549, 3555, 3561, 3562, 3563, 3565, 3566, 3568, 3569, 3586, 3592, 3599, 3631, 3633, 3634, 3635, 3636, 3639, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3761, 3764, 3792, 3811, 3822, 3823, 3824, 3825			
331044	Ingot.....	3462, 3463			
331045	Blooms, billets and slabs.....	3462, 3463			
331046	Bars.....	3462, 3463			

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
	Primary metal materials--Continued			Primary metal materials--Continued	
	Mill shapes and forms, except castings--Continued			Iron and steel castings, rough and semifinished--Continued	
331005	Miscellaneous steel mill shapes: Ingots, semifinished shapes (blooms, billets, etc.) and other steel mill shapes received for further processing, exclud- ing rails for rerolling and rods and wire for drawing or redrawing.	3312, 3315		Iron, gray and malleable--Con.	3552, 3553, 3554, 3555, 3559, 3561, 3562, 3563, 3565, 3566, 3568, 3569, 3581, 3582, 3585, 3586, 3589, 3592, 3599, 3621, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3694, 3711, 3713, 3714, 3715, 3743, 3795, 3799
331025	Alloy steel, including stainless.	2591, 3751, 3799			
331051	Pig iron, excluding silvery iron....	3312, 3321, 3322, 3324, 3325, 3361, 3362, 3369, 3431, 3432, 3433, 3494, 3523, 3531, 3532, 3536, 3552, 3554, 3559, 3561, 3563, 3569, 3694, 3711, 3714, 3715	332161 332045	Gray iron ingot molds and stools... Steel castings.....	3312 3293, 3312, 3313, 3315, 3316, 3317, 3321, 3322, 3324, 3325, 3361, 3362, 3369, 3421, 3423, 3425, 3429, 3431, 3432, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3452, 3482, 3483, 3484, 3489, 3494, 3495, 3496, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3553, 3554, 3559, 3561, 3562, 3563, 3565, 3566, 3567, 3568, 3569, 3572, 3573, 3574, 3576, 3579, 3585, 3586, 3592, 3599, 3612, 3613, 3621, 3622, 3632, 3645, 3646, 3647, 3648, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3743, 3751, 3761, 3764, 3769, 3792, 3795, 3799, 3811, 3822, 3823, 3824, 3825, 3832, 3851
331061	Steel for drawing wire: Rods: Carbon steel.....	3315			
331063	Alloy steel, except stainless....	3315			
331065	Stainless steel.....	3315			
331079	Other steel mill shapes for drawing wire.	3315			
331073	Wire for redrawing: Carbon steel.....	3315			
331075	Alloy steel, except stainless....	3315			
331077	Stainless steel.....	3312, 3313, 3315			
331079	See above, under Steel for drawing wire				
331081	Steel rails for rerolling.....	3315			
331091	Steel wire strand and bars or rods, high strength, stress relieved.	3271, 3272			
331092	Welded wire concrete reinforcing mesh, steel.	3271, 3272			
331094	Steel strip and wire.....	2782, 2789			
331210	Coke, including breeze.....	2812, 2819			
331312	Ferroalloys: Ferromanganese.....	3312, 3313, 3321, 3322, 3325, 3361, 3362, 3369			
331320	Ferrochromium.....	3312, 3313, 3315, 3321, 3322, 3324, 3325, 3361, 3362, 3369	333010	Primary smelter and refinery materi- als, nonferrous: Nonferrous plating metals, chro- mium, nickel, zinc, etc.	3498, 3499
331330	Ferrosilicon, over 6 percent silicon.	3312, 3313			
331340	Spiegeleisen.....	3312	333111	Copper: Blister or anode copper.....	3331, 3332, 3333, 3334, 3339, 3341
331343	Ferromolybdenum.....	3312, 3313	333113	Copper, including both refined unalloyed and copper-base raw materials, pig, ingot, shot, etc.	3312, 3313, 3315, 3316, 3317, 3351, 3353, 3355, 3356, 3357
331345	Ferronickel.....	3312	333121	Copper, unalloyed, cathodes, ingot, cakes, slabs, etc.	3321, 3322, 3324, 3325, 3331, 3332, 3333, 3334, 3339, 3341, 3351, 3353, 3354, 3355, 3356, 3357, 3361, 3362, 3369
331351	Ferrotungsten.....	3312			
331353	Ferrovanadium.....	3312	333122	Copper and copper-base alloy refinery shapes.	3429, 3431, 3432, 3494, 3561, 3562, 3563, 3566, 3568, 3586, 3621, 3643, 3644
331309	Other ferroalloys, except ferro- manganese and ferrochromium, but including silvery iron.	3321, 3322, 3324, 3325, 3361, 3362, 3369			
331342	Other ferroalloys, including silvery iron.	3312, 3313	333125	Copper and copper-base alloy wire bar.	3357
332011	Iron and steel castings, rough and semifinished: Iron, gray and malleable.....	3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3483, 3484, 3489, 3494, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551,	333232 333233 333234 333341	Lead: Lead, ingot, pig, shot, etc..... Refined unalloyed lead..... Antimonial lead..... Zinc: Refined unalloyed zinc.....	3312, 3313, 3315, 3316, 3317, 3351, 3353, 3354, 3355, 3356, 3357 3331, 3332, 3333, 3334, 3339, 3341, 3691, 3692 3691, 3692 3331, 3332, 3333, 3334, 3339, 3341

TABLE BB. Materials Consumed by Industries--Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
	Primary metal materials--Continued			Primary metal materials--Continued	
	Primary smelter and refinery materi- als, nonferrous--Continued			Primary smelter and refinery materi- als--Continued	
333348	Zinc--Continued Zinc and zinc-base alloy refin- ery shapes.	2812, 2816, 2819, 2842, 2865, 2869, 2873, 2874, 3312, 3313, 3315, 3316, 3317, 3321, 3322, 3324, 3325, 3351, 3353, 3354, 3355, 3356, 3357, 3429, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3465, 3466, 3469, 3495, 3496		Mill shapes and forms: Copper and copper-base alloys--Continued Rod, bar and mechanical wire, including extruded and/or drawn shapes--Continued	3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3743, 3761, 3764, 3769, 3792, 3795, 3811, 3822, 3823, 3824, 3825
333401	Aluminum: Aluminum and aluminum-base alloy refinery shapes, ingot, slugs, etc.	3429, 3431, 3432, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3497, 3499, 3511, 3519, 3612, 3621, 3643, 3644, 3645, 3646, 3647, 3648, 3694, 3711, 3713, 3714, 3715	335109	Mill shapes and forms, includ- ing mechanical wire, exclud- ing rods, wire for redrawing, and bare wire.	3357
333402	Aluminum ingot, pig, shot, etc...	3312, 3313, 3315, 3316, 3317		Wire for redrawing.....	3357
333404	Aluminum, unalloyed, ingot, pig, shot, etc.	3321, 3322, 3324, 3325, 3351, 3353, 3354, 3355, 3356, 3357	335112 335105	Copper and copper-base alloy mill shapes and forms.	3533, 3551, 3552, 3581, 3582, 3589, 3641, 3699, 3861, 3914, 3949, 3963, 3964, 3999
333405	Aluminum-base alloys, ingot, pig, shot, etc.	3321, 3322, 3324, 3325, 3351, 3353, 3354, 3355, 3356, 3357, 3362, 3369		Plate, sheet, and strip, including military cups and disc.	3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3494, 3495, 3496, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3554, 3555, 3559, 3561, 3562, 3563, 3565, 3566, 3567, 3568, 3569, 3585, 3586, 3592, 3599, 3612, 3613, 3621, 3622, 3623, 3624, 3629, 3631, 3632, 3633, 3634, 3635, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3761, 3764, 3769, 3811, 3822, 3823, 3824, 3825
333471	Aluminum and aluminum-base alloy ingot.	3331, 3332, 3333, 3334, 3339, 3341, 3462, 3463	335143		
333903	Other nonferrous metals: Precious metals, all forms, in- cluding ingot, sheet, strip, solder, plating, electrodes, etc.	3914			
333909	Nonferrous metals and alloys, other than aluminum, copper, lead, zinc, nickel, magnesium, tin, molybdenum, vanadium, and tungsten.	3351, 3353, 3354, 3355, 3356, 3357			
333971	Nickel, excluding ferronickel, ingot, pig, shot, etc.	3312, 3313, 3315, 3316, 3317, 3351, 3353, 3354, 3355, 3356, 3357			
333973	Magnesium and magnesium-base alloys, ingot, pig, shot, etc.	3321, 3322, 3324, 3325, 3351, 3353, 3354, 3355, 3356, 3357, 3361, 3362			
333975	Tin, ingot, pig, shot, etc.....	3312, 3313, 3315, 3316, 3317			
333976	Refined unalloyed tin.....	3331, 3332, 3333, 3334, 3339, 3341, 3357			
333979	Germanium.....	3621, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679			
333981	Molybdenum and molybdenum-base alloys.	3351			
333982	Cobalt refinery shapes.....	3312			
333983	Tin and tin-base alloys.....	3351, 3353, 3356	335133	Rods: Copper, unalloyed.....	3357
333985	Vanadium and vanadium-base alloys..	3351, 3353, 3356	335133	Copper-base alloy.....	3357
333987	Tungsten and tungsten-base alloys..	3356			
334123	Copper-base alloy raw materials, ingot, billets, shot, waffle, hardeners, etc.	3321, 3322, 3324, 3325, 3361, 3362, 3369	335152	Pipe and tube.....	3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3494, 3495, 3496, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3554, 3555, 3559, 3561, 3563, 3565, 3566, 3567, 3568, 3569, 3585, 3586, 3592, 3599, 3612, 3613, 3621, 3622, 3623, 3624, 3629, 3631, 3632, 3633, 3634, 3635, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3761, 3764, 3769, 3811, 3822, 3823, 3824, 3825, 3832
	Rolled, drawn, and extruded nonfer- rous metal materials: Mill shapes and forms: Copper and copper-base alloys:				
335100	Brass mill shapes, rod, bar, sheet, etc.	3351, 3355, 3356			
335102	Rod, bar and mechanical wire, including extruded and/or drawn shapes.	3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3494, 3495, 3496, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3554, 3555, 3559, 3561, 3562, 3563, 3565, 3566, 3567, 3568, 3569, 3585, 3586, 3592, 3599, 3612, 3613, 3621, 3622, 3623, 3624, 3629, 3631, 3632, 3633, 3634, 3635,	335107	Forging stock.....	3463

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)		
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued			
	Primary metal materials--Continued			Primary metal materials--Continued			
	Rolled, drawn, and extruded nonfer- rous metal materials--Continued			Rolled, drawn, and extruded nonfer- rous metal materials--Continued			
	Mill shapes and forms--Continued			Mill shapes and forms--Continued			
	Aluminum and aluminum-base alloy:			Aluminum and aluminum-base			
335301	Sheet, plate and foil.....	2514, 2591, 3411, 3412, 3421, 3423, 3425, 3429, 3433, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3495, 3496, 3498, 3499, 3523, 3524, 3531, 3532, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3549, 3551, 3552, 3555, 3559, 3564, 3565, 3567, 3569, 3572, 3573, 3574, 3576, 3579, 3581, 3582, 3585, 3586, 3589, 3592, 3599, 3612, 3613, 3621, 3622, 3624, 3629, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3651, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3743, 3751, 3761, 3764, 3769, 3792, 3795, 3799 3811, 3822, 3823, 3824, 3825, 3949			alloys--Continued		
				Wire, rolled rod and bar, pow- ders, welded tubing, extruded shapes, etc.--Continued	3552, 3555, 3559, 3561, 3563, 3565, 3567, 3569, 3572, 3573, 3574, 3576, 3579, 3581, 3582, 3585, 3586, 3589, 3592, 3599, 3612, 3613, 3621, 3622, 3623, 3624, 3629, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3651, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3743, 3751, 3761, 3764, 3769, 3792, 3795, 3799, 3811, 3822, 3823, 3824, 3825, 3832, 3851, 3949		
			335511	Wire for redrawing.....	3357		
			335335	Aluminum foil, plain.....	2641, 2643, 2647, 2648, 2649, 2651, 2652, 2653, 2654, 2655, 3497, 3499		
			335009	Rods.....	3357		
				Other nonferrous metals:			
				Titanium and titanium-base alloy:			
			335627	Ingot.....	3462, 3463		
335303	Sheet and plate.....	2654, 2655, 3497	335628	Mill shapes.....	3462, 3463, 3721, 3724, 3728, 3761, 3764, 3769		
335304	Sheet, plate and foil.....	3351, 3353, 3354, 3355, 3356	335691	Tantalum mill products.....	3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679		
335405	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	2514, 2591, 3293, 3321, 3429, 3431, 3432, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3494, 3495, 3496, 3498, 3499, 3519, 3523, 3524, 3531, 3533, 3534, 3535, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3552, 3559, 3561, 3563, 3565, 3569, 3572, 3573, 3574, 3576, 3579, 3585, 3586, 3592, 3599, 3612, 3613, 3621, 3622, 3624, 3629, 3631, 3632, 3634, 3635, 3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3651, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3711, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3743, 3751, 3761, 3764, 3769, 3792, 3795, 3799, 3811, 3822, 3823, 3824, 3825, 3832, 3949		335693	Molybdenum and molybdenum-base alloy forging stock.	3462, 3463, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679	
			335616	Nickel and nickel-base alloy mill shapes and forms.	3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679		
			335697	Zinc and zinc-base alloy mill shapes and forms.	3691, 3692		
			335608	Nonferrous wire for redrawing, other than copper and aluminum and their alloys.	3357		
			335609	Nonferrous metal, except copper and aluminum mill shapes, ex- cept rods, wire for redrawing, and bare wire.	3357		
			335698	Vanadium and vanadium-base alloy forging stock.	3462, 3463		
			335699	Manganese and manganese-base alloy forging stock.	3462, 3463		
				Drawn wire materials:			
				Aluminum and aluminum-base alloy:			
			335718	Barewire, except wire for redrawing.	3357		
			335791	Insulated wire and cable, aluminum content.	3612, 3613, 3621, 3622, 3623, 3624, 3629, 3631, 3633, 3634, 3635, 3636, 3639, 3645, 3646, 3647, 3648, 3651, 3661, 3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3699		
335406	Extruded shapes.....	3351, 3353, 3354, 3355, 3356, 3357					
335007	Mill shapes and forms, other than rod, wire for redrawing, and bare wire.	3357					
335001	Mill shapes and forms.....	2521, 2522, 2531, 3341, 2542, 2599, 3351, 3353, 3354, 3355, 3356, 3357, 3462, 3463, 3511, 3519, 3533, 3699, 3861, 3942, 3944, 3962, 3963, 3964, 3999	335725	Copper and copper-base alloy: Bare wire, electrical, except wire for redrawing.	3357		
			335728	Bare wire, for electrical conduction only.	3429, 3451, 3452, 3465, 3466, 3469, 3511, 3519, 3542, 3544, 3545, 3546, 3549, 3572, 3573, 3574, 3576, 3579, 3585, 3612, 3613, 3621, 3622, 3623, 3624, 3629, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3651, 3661, 3662, 3671, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3699, 3711, 3713, 3714, 3715, 3721, 3728, 3731, 3743, 3761, 3764, 3811, 3822, 3823, 3824, 3825		
335008	Wire, rolled rod and bar, pow- ders, welded tubing, extruded shapes, etc.	2514, 2591, 3293, 3321, 3411, 3412, 3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3451, 3452, 3465, 3466, 3469, 3482, 3483, 3484, 3489, 3494, 3495, 3496, 3497, 3498, 3499, 3519, 3523, 3524, 3531, 3532, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551,					

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
	Primary metal materials--Continued			Primary metal materials--Continued	
	Rolled, drawn, and extruded nonferrous metal materials--Continued			Rolled, drawn, and extruded nonferrous metal materials--Continued	
	Drawn wire materials--Continued			Forgings--Continued	
335790	Copper and copper-base alloy--Con. Insulated wire and cable, copper content.	3357, 3432, 3483, 3484, 3489, 3494, 3498, 3499, 3511, 3519, 3531, 3532, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3555, 3561, 3563, 3572, 3573, 3574, 3576, 3579, 3585, 3586, 3612, 3613, 3621, 3622, 3623, 3624, 3629, 3631, 3633, 3634, 3639, 3643, 3644, 3645, 3646, 3647, 3648, 3651, 3661, 3662, 3671, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3699, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3761, 3764, 3769, 3792, 3795, 3811, 3822, 3823, 3824, 3825	346310	Aluminum and aluminum-base alloy.	3561, 3562, 3563, 3566, 3568, 3585, 3586, 3621, 3632, 3711, 3713, 3715, 3721, 3724, 3728, 3743, 3751, 3761, 3764, 3769, 3795, 3799
			346326	Titanium and titanium-base alloy.	3483, 3484, 3489, 3498, 3499, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3761, 3764, 3769
			339913	Ferrite (powders and paste).....	3721, 3724, 3728, 3769
			339915	Metal powders.....	3651, 3662, 3673
					3429, 3523, 3524, 3546, 3549, 3562, 3566, 3568, 3585, 3662, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3711, 3714
			340001	Fabricated metal materials: Metal containers.....	2043, 2045, 2047, 2048, 2091, 2092, 2831, 2833, 2834, 2841, 2842, 2844, 2851, 2911, 2992
335733	Tungsten wire.....	3662, 3671, 3673, 3674, 3675, 3676, 3677, 3678, 3679	340003	Metal containers, excluding drums....	2077, 2079
			341101	Metal cans.....	2032, 2033, 2037, 2038
			342901	Hardware: Furniture and builders' hardware, including cabinet hardware, casters, glides, handles, hinges, locks, etc.	2434, 2512, 2514, 2517, 2521, 2522, 2531, 2541, 2542, 2599
336100	Nonferrous castings, rough and semifinished: Aluminum and aluminum-base alloy.	3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3448, 3449, 3465, 3466, 3469, 3483, 3484, 3489, 3494, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3552, 3553, 3555, 3559, 3561, 3562, 3563, 3566, 3568, 3569, 3572, 3576, 3579, 3581, 3582, 3586, 3589, 3592, 3599, 3634, 3639, 3643, 3644, 3445, 3646, 3647, 3648, 3651, 3661, 3662, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3731, 3732, 3743, 3751, 3761, 3764, 3769, 3792, 3795, 3799, 3811, 3822, 3823, 3824, 3825, 3832, 3861, 3941	342940	Builders' hardware, including doors, locks, locksets, lock trim, miscellaneous sash, screen, and shelf hardware; hinges and butts; hangers, tracks, and related items; cabinet hardware, and all other builders' hardware.	2431, 2434, 2439, 2452
			342983	Trunk and luggage hardware, includ- ing locks.	3161, 3171, 3172, 3199
			342986	Hose fittings and couplings.....	2891, 3011, 3021, 3031, 3041, 3069, 3293
				Fabricated structural metal: For buildings:	
			344112	Iron and steel.....	2439, 2452
			344117	Aluminum.....	2439, 2452
			344211	Doors and door units.....	2439, 2452
			344221	Windows and window units.....	2439, 2452
			344451	Aluminum siding.....	2452
			345240		
			346901	Metal stampings.....	3631, 3634, 3635, 3636, 3639
			349535	Constructions for dual-purpose sleep furniture.	2426, 2512, 2515
336200	Copper and copper-base alloy.....	3429, 3431, 3432, 3433, 3465, 3466, 3469, 3494, 3498, 3499, 3511, 3531, 3532, 3533, 3536, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3559, 3561, 3562, 3563, 3565, 3566, 3568, 3569, 3581, 3582, 3585, 3586, 3589, 3592, 3599, 3613, 3621, 3622, 3623, 3632, 3633, 3643, 3644, 3645, 3646, 3647, 3648, 3662, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3694, 3711, 3713, 3714, 3721, 3724, 3728, 3731, 3732, 3761, 3764, 3811, 3822, 3823, 3824, 3825, 3999,	349538	Springs, innerspring units, and box spring constructions.	2426, 2512, 2514, 2515
			349401	Valves and pipe fittings, except plumbers' brass goods and fittings.	3498, 3499
			349702	Aluminum foil, converted, metal content.	2641, 2643, 2647, 2648, 2649, 3497, 3499
			349704	Foil and foil laminates.....	2732, 2751, 2752, 2753, 2754, 2795
				Fabricated pipe and fittings: Iron and steel.....	2439, 2452
			349801		
			349803	Copper and copper-base alloy.....	2439, 2452
				Machinery, except electrical: Engines, except aircraft:	
			351901	Gasoline and other carburetor.....	3321, 3519, 3523, 3524, 3531, 3532, 3534, 3535, 3536, 3537, 3546, 3547, 3549, 3621, 3731, 3732, 3799
			351920	Diesel and semidiesel.....	3321, 3519, 3523, 3524, 3531, 3532, 3533, 3536, 3546, 3547, 3549, 3561, 3563, 3621, 3731, 3732, 3743, 3799
346200	Forgings: Iron and steel.....	3421, 3423, 3425, 3431, 3432, 3463, 3463, 3483, 3484, 3489, 3494, 3498, 3499, 3511, 3519, 3523, 3524, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3553,	355911	Parts and attachments for chemical industries machinery and equipment.	2812, 2816, 2819, 2842, 2865, 2869, 2874
			356120	General industrial machinery: Hydraulic fluid power pumps, motors, and related hydraulic equipment.	3721, 3724, 3728, 3761, 3764, 3769
			356200	Ball and roller bearings.....	3743

TABLE BB. Materials Consumed by Industries—Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
356201	Machinery, except electrical--Continued General industrial machinery--Con. Ball and roller bearings--Continued Roller bearings.....	3321, 3433, 3482, 3483, 3484, 3489, 3511, 3519, 3523, 3524, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3552, 3553, 3554, 3555, 3559, 3561, 3562, 3563, 3566, 3568, 3569, 3572, 3573, 3574, 3576, 3579, 3585, 3586, 3612, 3621, 3632, 3694, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3751, 3761, 3764, 3769, 3795, 3799, 3811, 3821, 3823, 3824, 3825, 3832	362120	Electrical equipment and supplies--Con. Electric motors and generators--Con. Integral horsepower motors and generators, 1 horsepower and over.	3433, 3511, 3519, 3523, 3524, 3531, 3532, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3552, 3553, 3554, 3555, 3559, 3561, 3563, 3569, 3572, 3573, 3574, 3576, 3579, 3581, 3582, 3585, 3586, 3589, 3621, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3721, 3724, 3728, 3731, 3732, 3743, 3761, 3764, 3769
356218	Ball bearings.....	3321, 3433, 3482, 3484, 3489, 3511, 3519, 3523, 3524, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3552, 3553, 3554, 3559, 3561, 3562, 3563, 3566, 3568, 3569, 3572, 3573, 3574, 3576, 3579, 3585, 3586, 3612, 3621, 3632, 3694, 3711, 3713, 3714, 3715, 3721, 3724, 3728, 3751, 3761, 3764, 3769, 3795, 3799, 3811, 3821, 3823, 3824, 3825, 3832	362200 362209 362406 364301 367010 367012 367200 367408	Industrial electrical control equipment: Purchased from other companies.... Received from other plants of the company. Carbon and graphite electrodes and other carbon and graphite products for electrical use. Appliance outlets, switches, lampholders, and other current-carrying wiring devices. Electronic components and accessories: Electron tubes: Electron tubes, except X-ray.... Electron tubes, except X-ray and cathode ray tubes. Cathode ray picture tubes..... Solid state semiconductors.....	3613, 3622 3613, 3622 3691, 3692 3572, 3573, 3574, 3576, 3579 3661, 3662, 3672, 3674, 3675, 3676, 3677, 3678, 3679, 3811, 3822, 3823, 3824, 3825, 3861 3651 3572, 3573, 3574, 3576, 3579, 3621, 3629, 3643, 3651, 3661, 3662, 3671, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3811, 3822, 3823, 3824, 3825, 3861 3651, 3661, 3662, 3671, 3673, 3674, 3675, 3676, 3677, 3678, 3679 3573, 3574, 3576
356295	Balls, rollers, collars, races, and other antifriction bearing components and parts.	3562, 3566, 3568	367410	Monolithic (solid state) integrated microcircuits.	3651, 3661, 3662, 3671, 3673, 3674, 3675, 3676, 3677, 3678, 3679
356830	Mechanical power transmission equipment, except motor vehicles, including gears, clutches, etc.	3531, 3532, 3536	367001	Resistors, capacitors, transformers, sockets, and other electronic components and accessories, except semiconductors.	3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3679
357330	Parts and attachments specially designed for electronic computing equipment.	3572, 3573, 3574, 3576, 3579	367901	Fabricated electron tube parts, except blanks.	3662, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3679
358501	Compressors, compressor units, condensing units, tin coils, and other heat-transfer equipment.	3585, 3632	369101 369401	Storage batteries..... Engine electrical equipment, including spark plugs, magnetos, generators, starters, etc.	3535, 3537 3511
359225	Pistons, piston rings, carburetors, valves, intake and exhaust only.	3511, 3519	374332	Transportation equipment, brakes, railway and street car, air and vacuum.	3743
362110	Electrical equipment and supplies: Electric motors and generators: Under 1 horsepower: Timing motors, synchronous and subsynchronous.	3433, 3483, 3489, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3572, 3573, 3574, 3576, 3579, 3581, 3582, 3585, 3589, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3651, 3662, 3671, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3721, 3724, 3728, 3761, 3764, 3769, 3811, 3822, 3823, 3824, 3825, 3861, 3873	382201	Instruments, photographic and optical materials, watches and clocks: Automatic temperature controls, thermostats, regulators, etc.	3433
362115	Other fractional horsepower electric motors, excluding timing motors.	3523, 3524, 3533, 3534, 3535, 3537, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3551, 3555, 3559, 3561, 3563, 3569, 3572, 3573, 3574, 3576, 3579, 3581, 3582, 3585, 3589, 3612, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3651, 3662, 3671, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3711, 3713, 3714, 3721, 3724, 3728, 3761, 3764, 3769, 3811, 3822, 3823, 3824, 3825, 3861, 3873, 3942, 3944, 3949	383211 386101 386151 386181 387316 387358 387371 387372	Photographic equipment and supplies: Photographic and projection lenses and prisms. Light sensitive films and papers... Unexposed lithographic plates and metal for lithographic plates. Photographic developers and chemicals used in plate preparation. Watches, clocks, and watchcases: Timing mechanisms..... Imported watch movements..... Watchcases: Men's: Karat gold and platinum..... Gold filled.....	3861 2711, 2721, 2731, 2732, 2741, 2751, 2752, 2753, 2754, 2761, 2771, 2795 2711, 2721, 2731, 2732, 2741, 2751, 2752, 2753, 2754, 2761, 2771, 2795 2711, 2721, 2731, 2732, 2741, 2751, 2752, 2753, 2754, 2761, 2771, 2795 3631, 3633, 3634, 3635, 3636, 3639 3873 3873 3873 3873

TABLE BB. Materials Consumed by Industries--Continued

1972 material code	Material	Consuming industries (SIC code)	1972 material code	Material	Consuming industries (SIC code)
	MANUFACTURED MATERIALS--Continued			MANUFACTURED MATERIALS--Continued	
	Instruments, photographic and optical materials, watches, and clocks--Con.			Miscellaneous manufactured and nonmanufactured materials--Continued	
	Photographic equipment and supplies--Con.		999806	Cottonwaste.....	2293, 2294
	Imported watch movements--Con.			Scrap, excluding home scrap:	
	Men's--Continued		999808	Aluminum and aluminum-base alloy...	3312, 3313, 3315, 3316, 3317, 3321, 3322, 3324, 3325, 3361, 3362, 3369, 3441, 3442, 3444, 3446, 3483, 3511, 3519, 3631, 3634, 3635, 3639, 3643, 3644, 3711, 3713, 3714, 3832
387373	Rolled gold plate and sterling silver, including rolled gold plate with steel back.	3873			
387374	Other metals.....	3873			
	Women's:				
387375	Karat gold and platinum.....	3873			
387376	Gold filled.....	3873			
387377	Rolled gold plate and sterling silver, including rolled gold plate with steel back.	3873	999809	Received from other establishments of the same company.	3341, 3351, 3353, 3354, 3355, 3356
387378	Other metals.....	3873			
387379	Pocket and other watchcases, all qualities.	3873	999810	From sources other than establishments of the same company.	3341, 3351, 3353, 3354, 3355, 3356
	Miscellaneous manufactured and nonmanufactured materials:		999811	Iron and steel, except rails for rerolling.	3312, 3313, 3321, 3322, 3324, 3325, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3446, 3448, 3449, 3494, 3523, 3531, 3532, 3541, 3542, 3544, 3545, 3546, 3547, 3549, 3552, 3554, 3559, 3561, 3562, 3563, 3566, 3568, 3569, 3711, 3713, 3714, 3715
395523	One-time carbon paper.....	2732, 2751, 2752, 2753, 2754, 2761, 2795			
	Waste paper:				
941110	All types.....	2642, 2645, 2646, 2649			
941111	Mixed.....	2611, 2621, 2631, 2661			
941112	News.....	2611, 2621, 2631, 2661			
941113	Corrugated.....	2611, 2621, 2631, 2661			
941114	High grade pulp substitutes.....	2611, 2621, 2631, 2661			
941115	High grade deinking.....	2611, 2621, 2631, 2661	999812	Copper and copper-base alloy.....	3321, 3322, 3324, 3325, 3331, 3332, 3334, 3341, 3351, 3353, 3354, 3355, 3361, 3362, 3369, 3432, 3494, 3556, 3557, 3562, 3566, 3568, 3643, 3644
941259	Other fibrous materials, including rags, straw and bagasse.	2611, 2621, 2631, 2661			
970001	Materials, ingredients, containers, and supplies used in grain distilling operations, cooperage, etc.	2085			
970002	Materials, ingredients, containers, and supplies used in bottling operations, flavors, closures, etc.	2085	999813	Lead and lead-base alloy.....	3332, 3341
970005	Containers and wrapping materials....	2051, 2052	999814	Zinc and zinc-base alloy, including drosses and skimmings.	3333, 3341, 3351
970011	Containers and other packaging supplies.	3142, 3143, 3144, 3149	999815	Tinplate scrap, including shredded steel can scrap.	3341
970015	Paperboard containers and converted flexible packaging materials.	2067, 2065, 2066	999816	Cullet, glass scrap.....	3211, 3221, 3229
970089	Materials received from petroleum refineries and lube manufacturers.	2911, 2992, 2999	999821	Inert fillers, secondary plant food, and soil conditioners including sand, limestone, peat, nut hulls, citrus meals, etc.	2874, 2875
970099	All other materials and components, parts, containers, and supplies, other than materials otherwise specified on report forms.	All industries	999823	Wool noils and waste.....	2291, 2294
			999825	New and used rags, clips, etc.....	2294

SECTION I—Continued

CHAPTER 1. **Foods**

GENERAL

This chapter presents data on selected important materials used primarily in the food manufacturing industries. Characteristically, many of these materials are used for similar purposes both in manufacturing and nonmanufacturing establishments. For example, flour is consumed in bakeries, which are classified in manufacturing, and also in retail bakery products stores, which are not classified in manufacturing. In addition, substantial quantities of many of these materials are consumed directly by households. The discussion and tables that follow relate only to industrial consumption, that is, consumption in the manufacturing sector as defined in the Standard Industrial Classification Manual.

SUGAR

In addition to the sugar consumed in manufacturing establishments, as shown in table 1C, substantial quantities are consumed in households, restaurants, hotels, retail bakeries, and wholesale trade establishments in making various food preparations.

DAIRY PRODUCTS

The data shown in table 1D represent only the quantity purchased (or transferred from one establishment to another). There is also a substantial production of skim milk produced and consumed in the same plant which is not reflected in these tables.

TABLE 1A. Grains Consumed by Selected Industry: 1972 and 1967

1972 code	Industry	1972		1967		1972		1967	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(million bushels)	(million dollars)	(million bushels)	(million dollars)	(million bushels)	(million dollars)	(million bushels)	(million dollars)
		WHEAT (011111)				CORN (011501, 011521, 011522)			
	Total.....	(D)	(D)	543.8	1,354.9	(D)	(D)	379.4	525.4
2041	Flour and other grain mill products.....	573.2	1,365.3	531.2	1,328.4	87.1	121.1	92.8	130.5
2043	Cereal breakfast foods.....	9.2	20.6	12.6	24.7	(D)	(D)	9.5	18.1
2045	Blended and prepared flour.....	(D)	(D)	(Z)	1.8	(Z)	(Z)	(Z)	(Z)
2046	Wet corn milling.....	-	-	-	-	261.8	337.0	224.1	289.1
2047	Dog, cat, and other pet food.....	6.0	11.4	(NA)	(NA)	31.2	40.6	(NA)	(NA)
2048	Prepared feeds, n.e.c.....	28.7	45.0	(NA)	(NA)	403.0	561.3	(NA)	(NA)
2082	Malt beverages.....	-	-	-	-	30.9	40.4	19.9	39.5
2085	Distilled liquor, except brandy.....	-	-	-	-	23.5	35.0	33.1	48.2
		OATS (011931)				BARLEY (011913)			
	Total.....	103.0	90.7	(NA)	(NA)	(D)	(D)	(NA)	(NA)
2041	Flour and other grain mill products.....	9.1	7.3	19.4	18.4	3.0	3.8	2.8	3.3
2043	Cereal breakfast foods.....	27.7	20.9	(D)	(D)	1.1	1.6	1.6	2.2
2047	Dog, cat, and other pet food.....	7.5	5.5	(NA)	(NA)	1.1	2.3	(NA)	(NA)
2048	Prepared feeds, n.e.c.....	58.7	57.0	(NA)	(NA)	46.4	58.8	(NA)	(NA)
2082	Malt beverages.....	-	-	-	-	(D)	(D)	5.9	12.6
2083	Malt.....	-	-	-	-	99.1	143.8	93.6	145.4

- Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

TABLE 1B. Wheat Flour, Semolina and Durum Flour Consumed by Selected Industry: 1972 and 1967

1972 code	Industry	Wheat flour, except semolina and durum (204110 and 204119)				Semolina and durum flour (204115)			
		1972		1967		1972		1967	
		Quantity (1,000 cwt.)	Delivered cost (million dollars)	Quantity (1,000 cwt.)	Delivered cost (million dollars)	Quantity (1,000 cwt.)	Delivered cost (million dollars)	Quantity (1,000 cwt.)	Delivered cost (million dollars)
	Total.....	53,165.8	992.6	46,211.9	917.4	11,905.7	90.7	9,699.5	72.9
2032	Canned specialties.....	2,371.5	15.8	2,077.5	15.4	-	-	-	-
2033	Canned fruits and vegetables.....	(D)	(D)	(D)	(D)	-	-	-	-
2035	Pickles, sauces, and salad dressings.....	51.7	.7	16.9	.1	-	-	-	-
2037	Frozen fruits and vegetables.....	42.2	.5	(X)	(X)	-	-	-	-
2038	Frozen specialties.....	5,645.4	35.9	(X)	(X)	-	-	-	-
2041	Flour and other grain mill products.....	7,726.2	47.0	7,292.9	40.7	-	-	-	-
2043	Cereal breakfast foods.....	(D)	(D)	1,873.1	14.2	-	-	-	-
2045	Rice milling.....	11,931.2	75.1	11,787.4	71.4	-	-	-	-
2047	Blended and prepared flour.....	1,671.4	5.9	8,234.4	23.3	-	-	-	-
2048	Prepared foods, n.e.c.....	7,301.8	24.2			-	-	-	-
2051	Bread, cake, and related products.....	9,755.1	619.4	10,213.0	602.2	-	-	-	-
2052	Cookies and crackers.....	2,437.5	139.5	2,392.9	135.8	-	-	-	-
2098	Macaroni and spaghetti.....	1,378.6	9.4	822.9	5.5	11,905.7	90.7	9,699.5	72.9
2099	Food preparations, n.e.c.....	1,117.4	7.5	1,500.9	8.8	-	-	-	-

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 1C. Refined Sugar (Cane and Beet-206011) Consumed by Selected Industry: 1972 and 1967

1972 code	Industry	1972		1967		1972 code	Industry	1972		1967	
		Quantity	Delivered cost	Quantity	Delivered cost			Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 cwt.)	(million dollars)	(1,000 cwt.)	(million dollars)			(1,000 cwt.)	(million dollars)	(1,000 cwt.)	(million dollars)
	Total.....	126,356.3	1,604.5	91,880.3	1,074.3	2041	Flour and other grain mill products.....	2,115.9	23.9	2,260.1	22.5
2021	Creamery butter.....	(X)	(D)	(X)	(1)	2043	Cereal breakfast foods.....	4,197.9	49.2	2,919.8	28.1
2022	Cheese, natural and processed..	(D)	(D)	27.3	.3	2045	Rice milling.....	4,506.8	53.2	3,839.1	38.5
2023	Condensed and evaporated milk..	1,476.9	16.4	2,503.0	26.2	2047	Blended and prepared flour....	1,176.1	13.5	(NA)	(NA)
2024	Ice cream and frozen desserts..	4,280.5	45.2	4,023.5	37.2	2048	Prepared foods, n.e.c.....	4,915.3	24.3	(NA)	(NA)
2026	Fluid milk.....	5,620.8	62.8	4,119.3	42.0	2051	Bread, cake, and related products.....	1,505.8	160.0	1,386.1	129.2
2032	Canned specialties.....	2,125.1	25.3	1,286.3	12.5	2052	Cookies and crackers.....	706.3	83.8	644.0	64.3
2033	Canned fruits and vegetables...	9,935.9	110.2	11,377.2	110.8	2065	Confectionery products.....	13,059.7	156.1	12,961.1	128.1
2034	Dehydrated fruits, vege- tables, soups,.....	88.8	1.1	279.8	2.9	2066	Chocolate and cocoa products...	6,855.4	82.0	5,595.3	54.9
2035	Pickles, sauces, and salad dressings.....	2,902.5	34.9	2,293.6	23.2	2067	Chewing gum.....	2,106.0	24.7	1,754.8	17.4
2037	Frozen fruits and vegetables...	1,607.1	18.6	2,933.4	29.0	2082	Malt beverages.....	(D)	(D)	373.6	2.5
2038	Frozen specialties.....	1,603.4	20.4			2086	Bottled and canned soft drinks.	32,475.7	341.0	18,233.2	183.9
						2087	Flavoring extracts and sirups, n.e.c.....	22,285.8	251.8	16,003.2	149.8

(X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹Included with material code 970099.

TABLE 1D. Dairy Products Consumed by Selected Industry: 1972 and 1967

(The figures below represent purchased materials or materials transferred from other plants of same company; but exclude materials made and consumed in the same plant)

1972 code	Industry	Cheese, other than cottage (202210)				Ice cream and ice milk mix (202401)				Skim milk (fluid) (202612)			
		1972		1967		1972		1967		1972		1967	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 cwt.)	(million dollars)	(1,000 cwt.)	(million dollars)	(1,000 cwt.)	(million dollars)	(1,000 cwt.)	(million dollars)	(1,000 cwt.)	(million dollars)	(1,000 cwt.)	(million dollars)
	Total.....	(D)	(D)	1,273.2	581.8	140.7	133.2	100.5	95.4	47.2	157.7	60.5	113.1
2021	Creamery butter.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.4	16.7	7.8	11.6
2022	Cheese, natural and processed.....	1,416.3	860.9	1,258.2	574.3	(D)	(D)	(D)	(D)	5.9	18.3	3.9	5.7
2023	Condensed and evaporated milk.....	3.9	2.8	5.3	2.5	(D)	(D)	1.3	1.5	11.7	31.6	26.4	39.6
2024	Ice cream and frozen desserts.....	-	-	(D)	(D)	66.9	71.0	61.9	55.8	1.3	6.9	1.3	4.4
2026	Fluid milk.....	14.8	8.9	7.7	3.6	65.6	51.6	36.7	37.6	21.9	84.2	21.1	51.8

- Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 1E. Soybeans and Flaxseed Consumed by Selected Industry: 1972 and 1967

1972 code	Industry	Soybeans (011611)				Flaxseed (011911)			
		1972		1967		1972		1967	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(million bushels)	(million dollars)	(million bushels)	(million dollars)	(million bushels)	(million dollars)	(million bushels)	(million dollars)
	Total.....	21,997.7	(D)	10,401.9	(D)	611.0	49.4	371.6	48.3
2074	Cottonseed oil mills.....	257.8	26.8	289.9	25.8	-	-	-	-
2075	Soybean oil mills.....	21,739.9	2,397.1	10,112.0	1,504.1	-	-	-	-
2076	Vegetable oil mills, n.e.c.....	(NA)	(D)	(NA)	(D)	611.0	49.4	371.6	48.3

- Represents zero. (NA) Not available.

TABLE 1F. Grease and Inedible Tallow Consumed by Selected Industry: 1972 and 1967

1972 code	Industry	Grease and inedible tallow (207711)			
		1972		1967	
		Quantity	Delivered cost	Quantity	Delivered cost
		(million bushels)	(million dollars)	(million bushels)	(million dollars)
	Total.....	870.7	66.4	946.3	55.3
2841	Soap and other detergents.....	867.1	65.7	946.3	55.3
2842	Polishes and sanitation goods.....	3.6	.7	(NA)	(NA)

(NA) Not available.

SECTION I—Continued

CHAPTER 2. Textiles

GENERAL

This chapter includes data on materials primarily consumed by establishments classified in Major Group 22, Textile Mill Products, and for broadwoven fabrics primarily consumed by establishments classified in Major Group 23, Apparel and Other Textile Products, as well as other industries consuming significant quantities of piece goods.

FIBER CONSUMPTION

The fiber consumption data shown are based on information collected in the census of manufactures. All industries consuming significant amounts of fiber reported these data, except for industry group 225, Knitting Mills, and industry group 227, Floor Covering Mills. Detailed consumption figures are published in the monthly Current Industrial Reports series, M22D, Consumption on the Woolen and Worsted Systems, and M22P, Cotton, Manmade Fiber Staple, and Linters.

BROADWOVEN FABRICS (PIECE GOODS)

The statistics shown in table 2C, were previously published in the final Industry series, table 7A, "Materials Consumed by Kind." In each of the individual table 7A's, detailed materials data were collected for piece goods and other materials. However, in each industry a portion of the total cost of materials was not specified by kind. Part of this portion was

the total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested. The rest was the total cost of materials reported for those establishments which failed to report cost of individual materials on the "standard forms." The "cost of materials not specified by kind" would, therefore, include the quantity and cost of piece goods consumed by a number of establishments.

For some industries, the quantity data for relatively small costs of fabrics were not available. Those quantities were estimated based on the unit value reported by a closely related industry.

The fabric consumption data for the rubber industries SIC 3011, 3021, 3031, and 3069, were collected in millions of pounds instead of millions of yards, which was the unit of measure for all other industries shown in this table. A satisfactory conversion factor was not available expressing pound figures in yards. Therefore, the quantities in pounds were added to the quantities in yards reported by the other industries to obtain some approximate total figures. The resulting figures are consequently understated because the fabric consumed probably exceeded 1 yard per pound.

For some industries, the materials consumed inquiries requested separate data by type of fiber, such as cotton fabrics or rayon fabrics. For other industries, the breakdown was by kind of fabric, such as upholstery material or bed ticking. Because of this varying collection measure, it is not possible to obtain a breakdown of the total fabric consumption in all industries by type of fiber or fabric consumed.

TABLE 2A. Consumption of Raw Cotton and Manmade Fiber Staple by Selected Industry: 1972 and 1967

1972 code	Industry	Raw cotton (013101)				1972 code	Industry	Manmade fiber staple (282425, 282305, and 282421)			
		1972		1967				1972		1967	
		Quantity	Delivered cost	Quantity	Delivered cost			Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 bales)	(million dollars)	(1,000 bales)	(million dollars)			(1,000 bales)	(million dollars)	(1,000 bales)	(million dollars)
	Total.....	7,724.9	1,290.4	9,057.5	1,194.2		Total.....	2,491.7	1,141.2	1,509.6	784.8
2211	Weaving mills, cotton.....	4,082.1	662.5	6,231.4	788.5	2211	Weaving mills, cotton.....	200.4	72.0	216.0	108.4
2221	Weaving mills, manmade fiber and silk.....	1,397.5	245.3	586.3	83.5	2221	Weaving mills, manmade fiber and silk.....	869.3	338.3	509.5	242.9
2257	Circular knit fabric mills.....	106.2	17.3	(NA)	(NA)	2231	Weaving and finishing mills, wool.....	24.1	14.2	146.6	122.8
2281	Yarn mills, except wool.....	1,988.4	335.6	2,050.9	290.6	2281	Yarn mills, except wool.....	1,365.6	696.4	698.0	375.3
2284	Thread mills.....	68.2	15.3	82.0	18.3	2283	Wool yarn mills.....	32.3	20.3	39.5	35.4
2296	Tire cord and fabric.....	82.5	14.4	106.9	13.3						

(NA) Not available.

¹Data include all other fibers (material code 010014).

TABLE 2B. Consumption of Linters and Raw Wool by Selected Industry: 1972 and 1967

1972 code	Industry	Linters (207431)				1972 code	Industry	Raw wool (229931)			
		1972		1967				1972		1967	
		Quantity	Delivered cost	Quantity	Delivered cost			Quantity	Delivered cost	Quantity	Delivered cost
		(million pounds)	(million dollars)	(million pounds)	(million dollars)			(million pounds)	(million dollars)	(million pounds)	(million dollars)
	Total.....	693.5	57.9	447.7	60.5		Total.....	186.7	128.1	309.9	251.5
2293	Paddings and upholstery filling	117.4	7.9	146.8	15.7	2221	Weaving mills, manmade fiber and silk.....	¹ 14.0	¹ 5.5	23.9	21.7
2512	Upholstered household furniture	104.5	15.0	54.6	9.3						
2515	Mattresses and bedsprings.....	205.5	19.5	246.3	21.1	2231	Weaving and finishing mills, wool.....	77.9	55.4	152.7	143.3
2611	Pulpmill.....	230.7	7.8	(S)	13.4						
2621	Papermills, except building paper.....	23.2	3.6	(NA)	(NA)	2281	Yarn mills, except wool.....	31.0	22.2	28.8	19.4
3842	Surgical appliances and supplies.....	12.2	4.1	(NA)	1.0	2283	Wool yarn mills.....	58.8	40.2	79.6	60.1
						2291	Felt goods, except woven felts and hats.....	5.0	4.8	24.9	7.0

(NA) Not available. (S) Withheld because the data did not meet publication standards.

¹Data also contains material code 229933, wool tops.

TABLE 2C. Consumption of Broadwoven Fabrics (Piece Goods) by Selected Industry: 1972 and 1967

1972 code	Industry	1972		1967		1972 code	Industry	1972		1967	
		Quantity	Delivered cost	Quantity	Delivered cost			Quantity	Delivered cost	Quantity	Delivered cost
		(million lin. yd.)	(million dollars)	(million lin. yd.)	(million dollars)			(million lin. yd.)	(million dollars)	(million lin. yd.)	(million dollars)
	Total.....	9,155.1	6,328.2	8,642.4	5,309.4	2389	Apparel and accessories, n.e.c.	65.8	28.2	68.9	25.6
2211	Weaving mills, cotton.....	363.1	162.2	623.6	215.2	2391	Curtains and draperies.....	417.6	247.4	253.6	120.4
2221	Weaving mills, manmade fiber and silk.....	279.6	145.5	67.0	33.9	2392	Housefurnishings, n.e.c.....	884.5	481.3	577.9	281.4
2231	Weaving and finishing mills, wool.....	7.2	10.7	61.3	121.1	2393	Textile bags.....	497.1	89.1	831.5	133.0 ¹
2512	Upholstered household furniture (S).....	286.7	34.3	143.8	2394	Canvas and related products....	59.3	39.0	76.9	52.2	
2515	Mattresses and bedsprings.....	13.7	24.9	14.6	19.1	2396	Automotive and apparel trimmings.....	366.7	138.2	(NA)	(NA)
2261	Finishing plants, cotton.....	659.8	105.0	1,199.5	322.9	2399	Fabricated textile prod- ucts, n.e.c.....	185.9	83.3	209.8	73.6
2262	Finishing plants, manmade fiber and silk.....	1,062.0	482.0	149.5	68.0	3011	Tires and inner tubes.....	(D)	(D)	52.9	41.6
2295	Coated fabrics, not rubberized.	505.0	211.4	410.9	158.4	3021	Rubber and plastics footwear...	45.7	39.8	(NA)	(NA)
2311	Mens' and boys' suits and coats	113.7	224.2	258.9	389.5	3031	Reclaimed rubber.....	155.7	148.6	(NA)	(NA)
2342	Brassieres and allied garments.	109.3	96.0	113.4	108.0	3069	Fabricated rubber prod- ucts, n.e.c.....				
2321	Mens' and boys' shirts and nightwear.....	559.8	367.0	685.8	345.2	3041	Rubber and plastics hose and belting.....	90.5	75.9	(NA)	(NA)
2322	Mens' and boys' underwear.....	58.6	22.9	71.6	23.9	3079	Miscellaneous plastics products	74.7	48.8	58.7	37.0
2323	Mens' and boys' neckwear.....	56.0	89.2	25.2	39.8	3142	House slippers.....	(NA)	(NA)	7.4	10.8
2327	Mens' and boys' separate trousers.....	(X)	737.0	(X)	426.9	3143	Mens' footwear, except athletic	(NA)	(D)	(NA)	(NA)
2328	Mens' and boys' work clothing..	595.1	521.7	681.2	404.5	3144	Womens' footwear, except athletic.....	(X)	(D)	(NA)	(NA)
2329	Womens' and misses' outer wear, n.e.c.....	132.9	142.1	185.8	154.9	3151	Leather gloves and mittens....	(NA)	3.1	(NA)	1.3
2331	Womens' and misses' blouses and waists.....	118.7	111.7	148.3	97.4	3161	Luggage.....	18.8	11.6	(NA)	12.3
2333	Womens' and misses' dresses....	635.5	289.5	498.3	396.8	3171	Womens' handbags and purses....	7.7	7.7	(NA)	(³)
2337	Womens' and misses' suits and coats.....	257.5	213.6	232.5	333.8	3172	Personal leather goods, n.e.c..	8.0	5.1	(NA)	(NA)
2339	Womens' and misses' outer- wear, n.e.c.....	213.7	201.4	201.5	159.0	3711	Motor vehicles and car bodies..	.3	.3	(NA)	.3
2341	Womens' and childrens' underwear.....	185.8	111.4	323.8	131.5	3713	Truck and bus bodies.....	.9	2.2	(NA)	.1
2361	Childrens' dresses and blouses.	82.5	61.2	117.5	71.2	3714	Motor vehicles parts and accessories.....	38.5	14.1	10.8	4.4
2363	Childrens' coats and suits.....	22.7	27.3	(NA)	37.0	3715	Truck trailers.....	(D)	(D)	(NA)	(NA)
2369	Childrens' outerwear, n.e.c....	98.3	87.5	129.2	79.5	3721	Aircraft.....	(NA)	8.5	5.5	19.3
2381	Fabric dress and work gloves....	51.5	24.9	61.1	28.2	3841	Surgical and medical instruments.....	(NA)	(NA)	(NA)	(NA)
2384	Robes and dressing gowns.....	77.0	54.1	88.6	52.5	3842	Surgical appliances and supplies.....	9.7	31.6	(NA)	11.2
2385	Waterproof outer garments.....	38.6	52.2	97.0	94.7	3843	Dental equipment and supplies.....	(NA)	(NA)	(NA)	(NA)
2386	Leather and sheep lined clothing.....	7.7	9.5	4.6	4.5	3942	Dolls.....	(NA)	22.2	(NA)	13.2
2387	Apparel belts.....	6.9	5.5	3.5	2.3	3944	Games, toys, and children's vehicles.....	10.6	5.7	(D)	(D)
						3949	Sporting and athletic goods, n.e.c.....	(NA)	15.5	(NA)	8.2

(X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the data did not meet publications standards.

¹The materials data for industries 3031 and 3069 are combined to avoid disclosing figures for individual companies.

TABLE 2D. Consumption of Knitted Fabrics by Selected Industry: 1972 and 1967

1972 code	Industry	1972		1967		1972 code	Industry	1972		1967	
		Quantity	Delivered cost	Quantity	Delivered cost			Quantity	Delivered cost	Quantity	Delivered cost
		(million pounds)	(million dollars)	(million pounds)	(million dollars)			(million pounds)	(million dollars)	(million pounds)	(million dollars)
	Total.....	2,113.0	2,909.8	163.7	1,085.0	2329	Mens' and boys' clothing, n.e.c.	24.3	59.6	(NA)	23.9
2251	Womens' hosiery, except socks..	(X)	157.3	(X)	119.8	2331	Womens' and misses' blouses and waists.....	518.3	176.7	(NA)	45.5
2252	Hosiery, n.e.c.....	(X)	79.7	(X)	69.6	2335	Womens' and misses' dresses....	198.8	427.1	(NA)	151.8
2253	Knit outerwear mills.....	8.0	16.4	15.9	21.5	2337	Womens' and misses' suits and coats.....	74.4	195.3	(NA)	36.8
2254	Knit underwear mills.....	(NA)	16.4	30.3	19.6	2339	Womens' and misses' outer- wear, n.e.c.....	144.6	238.4	(NA)	84.1
2257	Circular knit fabric mills.....	36.1	65.2	(NA)	(NA)	2341	Womens' and childrens' underwear.....	173.4	248.6	(NA)	165.3
2258	Warp knit fabric mills.....	31.0	56.9	(NA)	(NA)	2361	Childrens' dresses and blouses.	82.5	61.2	117.5	71.2
2259	Knitting mills, n.e.c.....	(¹)	(¹)	(¹)	(¹)	2363	Childrens' coats and suits.....	22.7	27.3	(NA)	37.0
2311	Mens' and boys' suits and coats	78.9	257.4	(NA)	3.8	2369	Childrens' outerwear, n.e.c....	38.1	63.0	(NA)	42.0
2321	Mens' and boys' shirts and nightwear.....	447.5	268.8	(NA)	73.7	2381	Fabric dress and work gloves...	(NA)	17.1	(NA)	14.8
2322	Mens' and boys' underwear.....	67.8	64.6	(NA)	58.5	2389	Apparel and accessories, n.e.c.	(NA)	1.0	(NA)	.4
2327	Mens' and boys' separate trousers.....	114.9	310.2	(NA)	2.5	2342	Brassieres and allied garments.	26.4	49.7	(NA)	37.6
2328	Mens' and boys' work clothing..	25.3	51.9	(NA)	5.6						

(X) Not applicable. (NA) Not available.

¹Data excluded from the total and withheld to avoid disclosing figures for individual companies.

SECTION I—Continued

CHAPTER 3. **Newsprint and Paperboard Containers**

GENERAL

This chapter presents data on materials consumed by establishments classified in Major Group 26, Paper and Allied Products, and Major Group 27, Printing and Publishing industries, as well as data on industries consuming \$1 million worth of boxes and containers. Comments on individual groups of materials are shown below. The two tables in this chapter have been prepared in the interest of presenting a more comprehensive picture of the consumption of "complete coverage" material.

NEWSPRINT

Table 3A shows the U.S. consumption of newsprint in 1972 and 1967 by industries and delivered cost. Where available, the corresponding tonnages purchased are also shown. Table 3A also presents newsprint consumed by the publishing industries as well as the book manufacturing industry during 1972 and 1967.

PAPER AND BOARD

Paper consumption statistics for the printing and publishing industries appear in the final Industry series. Except for newsprint, grade detail was not collected from the printing industries, since printers generally have demonstrated their inability to furnish more detailed information based on a reportable canvass made prior to the 1958 Census of Manufactures. Therefore, with the exception of newsprint, quantity and cost information cannot be presented on a uniform basis for all consuming industries, for which consumption data were collected.

BOXES AND CONTAINERS

Table 3B presents the reported delivered cost of paperboard boxes and containers for all industries consuming \$1 million worth of containers in 1972. Where available, the 1967 reported cost figures are also presented. The data in this table, which also appear in the final Industry series table 7A's, is shown in the interest of a more composite presentation of information on containers.

TABLE 3A. Newsprint (262111 and 262112) Consumed by Selected Industry:
1972 and 1967

1972 code	Industry	Purchased quantity		Delivered cost	
		(short tons)		(million dollars)	
		1972	1967	1972	1967
	Total.....	8,995.1	8,097.8	1,702.2	1,141.9
2711	Newspapers.....	8,780.4	7,870.4	1,415.3	1,094.7
2721	Periodicals.....	144.6	185.8	26.4	29.0
2731	Book publishing.....	70.1	41.6	13.1	7.6
2732	Book printing.....	(X)	(X)	3.7	5.4
2751	Commercial printing, letterpress.....	(X)	(NA)	92.1	(NA)
2752	Commercial printing, lithographic.....	(X)	(NA)	92.6	(NA)
2754	Commercial printing, gravure.....	(X)	(NA)	56.5	(NA)
2761	Manifold business forms.....	(X)	(X)	2.5	5.2

(X) Not applicable. (NA) Not available.

TABLE 3B. Cost of Paperboard Boxes and Containers, Including Folding, Corrugated, and Setup, by Selected Industry:
1972 and 1967

1972 code	Industry	Delivered cost		1972 code	Industry	Delivered cost	
		(million dollars)				(million dollars)	
		1972	1967			1972	1967
	Total.....	1,151.0	637.5	2647	Sanitary paper products.....	106.0	(NA)
				2648	Stationery products.....	7.4	(NA)
2032	Canned specialties.....	30.0	22.8	2649	Converted paper products, n.e.c.....	8.2	(NA)
2033	Canned fruits and vegetables.....	53.9	48.0	2661	Building paper and board mills.....	4.9	(NA)
2037	Frozen fruits and vegetables.....	79.6	(NA)	2831	Biological products.....	4.3	2.5
2038	Frozen specialties.....	101.5	(NA)	2833	Medicinals and botanicals.....	3.3	(NA)
2041	Flour and other grain mill products.....	7.0	18.5	2834	Pharmaceutical preparations.....	104.4	68.5
2043	Cereal breakfast foods.....	54.2	50.9	2841	Soap and other detergents.....	123.8	114.8
2045	Blended and prepared flour.....	51.8	19.5	2842	Polishes and sanitation goods.....	21.4	(NA)
2047	Dog, cat, and other pet food.....	37.0	(NA)	2843	Surface active agents.....	(NA)	(NA)
2048	Prepared feeds, n.e.c.....	1.0	(NA)				
2431	Millwork.....	8.4	(NA)	2879	Toilet preparations.....	(NA)	(NA)
				2911	Petroleum refining.....	50.0	37.4
				2992	Lubricating oils and grease.....	18.3	13.6
2514	Upholstered household furniture.....	25.2	17.2	3221	Glass containers.....	14.9	158.3
2521	Wood office furniture.....	3.6	2.3	3229	Pressed and blown glass, n.e.c.....	37.0	28.5
2522	Metal office furniture.....	15.7	13.4	3231	Products of purchased glass.....	8.9	7.4
2531	Public building and related furniture.....	6.0	4.0	3429	Hardware, n.e.c.....	28.3	(NA)
2621	Papermills, except building paper.....	32.4	(NA)	3465	Automotive stampings.....	12.5	(NA)
2631	Paperboard mills.....	9.3	(NA)	3466	Crowns and closures.....	3.9	(NA)
2641	Paper coating and glazing.....	13.4	(NA)	3469	Metal stampings, n.e.c.....	22.8	(NA)
2643	Bags, except textile bags.....	16.7	(NA)	3949	Sporting and athletic goods, n.e.c.....	23.1	9.9

(NA) Not available.

SECTION I—Continued

CHAPTER 4. Chemicals and Rubber

GENERAL

This chapter includes data on materials primarily consumed by establishments classified in Major Group 28, Chemicals and Allied Products, Major Group 29, Petroleum and Coal Products, and Major Group 30, Rubber and Miscellaneous Plastics Products. Comments on individual materials or groups of materials are shown below.

SULFUR, NATIVE AND RECOVERED

The total for sulfur consumption shown in table 4A is less than the "apparent consumption" figures published by the Bureau of Mines, Department of the Interior, because Census information was not requested from certain manufacturing establishments, principally those classified in Major Group 30, in the Manufacturing Industries, N.E.C. (industry 3999), and the Drugs industries (industry group 283).

CHEMICALS

Consumption data shown for the specified chemicals in table 4A represent a varying proportion of the U.S. total production. The coverage for ammonia is relatively low because Census figures exclude quantities used for direct

application to the soil. Coverage for sodium hydroxide (caustic soda) is low because information was not collected from plants classified in the textile, rubber reclaiming, vegetable oil refineries, and other miscellaneous industries.

In making any comparison of the quantity consumed with total supply of a specified chemical, account should be taken of the factors discussed in the text covering the materials consumption tables. Also consideration should be given to the variations in handling consumption data for inorganic chemicals produced and consumed in the same establishment. The statistics showing "consumption" by industry indicate purchases or receipts from other establishments separate from the quantities produced and consumed.

RUBBER

The figures for natural, synthetic, and reclaimed rubber shown in table 4B are limited to the establishments classified in the specified industries. Estimates of total rubber consumption for all industries are published by the Census Bureau in Current Industrial Reports series M30A, Rubber, Supply and Distribution for the United States. Based on the 1972 figures shown in series M30A, the establishments classified in the industries covered by the census used approximately 90 percent of total rubber consumed.

TABLE 4A. Chemicals Consumed by Selected Industry: 1972 and 1967

1972 code	Industry	1972		1967		1972 code	Industry	1972		1967	
		Purchased quantity	Delivered cost	Purchased quantity	Delivered cost			Purchased quantity	Delivered cost	Purchased quantity	Delivered cost
		(1,000 s. tons)	(million dollars)	(1,000 s. tons)	(million dollars)			(1,000 s. tons)	(million dollars)	(1,000 s. tons)	(million dollars)
		SULFUR, NATIVE AND RECOVERED ¹ (147701)						SODIUM HYDROXIDE (281238)--Con.			
	Total.....	(NA)	(NA)	1,075.8	41.3	2812	Alkalies and chlorine.....	7.4	.4	(D)	(D)
2611	Pulpmills.....	127.1	3.7	160.4	6.5	2819	Industrial inorganic chem- icals, n.e.c.....	681.7	35.9	(NA)	(NA)
2621	Papermills, except building paper.....	169.6	5.2	250.4	10.0	2823	Cellulosic manmade fibers.....	308.0	13.1	299.7	13.3
2631	Paperboard mills.....	82.1	2.5	(NA)	2.2	2824	Organic fibers, noncellulosic..	(X)	(D)	(D)	(D)
2812	Alkalies and chlorine.....	(D)	(D)	(NA)	(NA)	2841	Soap and other detergents.....	395.4	31.6	273.0	18.6
2819	Industrial inorganic chem- icals, n.e.c.....	1,691.9	43.6	(NA)	(NA)	2842	Polishes and sanitation goods..	123.1	9.1	(NA)	(NA)
2869	Industrial organic chem- icals, n.e.c.....	462.7	13.1	665.0	22.6	2865	Cyclic crudes and intermediates	474.3	20.7	158.9	8.9
2874	Phosphatic fertilizers.....	4,806.2	114.8	(NA)	(NA)	2869	Industrial organic chem- icals, n.e.c.....	793.6	38.3	613.7	27.8
		SULFURIC ACID (281930, 281931, 281932, 281933)				2911	Petroleum refining.....	330.4	22.1	277.8	14.3
	Total.....	(NA)	(NA)	5,140.6	115.2	2992	Lubricating oils and greases...	(S)	.3	7.7	.6
2812	Alkalies and chlorine.....	75.9	1.9	(NA)	-			SODIUM CARBONATE (281228)			
2821	Plastics materials and resins..	90.0	1.9	(NA)	(NA)		Total.....	(D)	(D)	3,224.4	115.7
2822	Synthetic rubber.....	80.9	2.1	61.3	1.1	2621	Papermills, except building paper.....	68.6	3.2	217.2	8.3
2823	Cellulosic manmade fibers.....	483.9	8.7	518.9	10.3	2631	Paperboard mills.....	189.0	8.5	163.1	6.2
2824	Organic-fibers, noncellulosic..	(X)	(D)	39.1	.7	2812	Alkalies and chlorine.....	29.5	1.0	(NA)	(NA)
2865	Cyclic crudes and intermediates	331.0	9.3	193.6	6.8	2819	Industrial inorganic chem- icals, n.e.c.....	1,541.6	56.8	(NA)	(NA)
2869	Industrial organic chem- icals, n.e.c.....	1,202.1	25.3	1,112.6	24.1	2841	Soap and other detergents.....	321.1	13.3	194.4	7.6
2873	Nitrogenous fertilizers.....	29.5	.7	(NA)	(NA)	2842	Polishes and sanitation goods..	64.3	3.1	(NA)	(NA)
2874	Phosphatic fertilizers.....	1,248.7	17.7	(NA)	(NA)	2865	Cyclic crudes and intermediates	42.0	2.2	(NA)	(NA)
2875	Fertilizers, mixing only.....	123.9	2.4	174.1	4.0	2869	Industrial organic chem- icals, n.e.c.....	(D)	(D)	48.0	2.0
2911	Petroleum refining.....	1,967.2	44.1	1,952.2	40.0	3211	Flat glass.....	540.8	22.7	386.5	13.5
2992	Lubricating oils and greases...	10.9	.3	(NA)	(NA)	3221	Glass containers.....	2,640.8	110.4	1,979.0	70.1
3312	Blast furnaces and steel mills.	858.6	24.9	1,088.8	27.6	3229	Pressed and blown glass, n.e.c.	253.0	10.6	236.2	8.0
3315	Steel wire and related products	16.0	.6	(NA)	.6			AMMONIA (287312)			
		CHLORINE (281211)					Total.....	3,435.4	126.9	(D)	(D)
	Total.....	(D)	(D)	(D)	(D)	2812	Alkalies and chlorine.....	(D)	(D)	(D)	(D)
2611	Pulpmills.....	246.1	13.2	302.3	18.1	2819	Industrial inorganic chem- icals, n.e.c.....	(D)	(D)	696.4	33.1
2621	Papermills, except building paper.....	579.7	32.8	475.6	28.1	2865	Cyclic crudes and intermediates	191.9	7.4	60.8	3.5
2631	Paperboard mills.....	310.5	17.4	203.5	11.8	2869	Industrial organic chem- icals, n.e.c.....	640.0	25.4	510.2	23.8
2812	Alkalies and chlorine.....	(D)	(D)	(D)	(D)	2873	Nitrogenous fertilizers.....	960.4	31.0	(NA)	(NA)
2819	Industrial inorganic chem- icals, n.e.c.....	157.3	8.3	(NA)	(NA)	2874	Phosphatic fertilizers.....	1,141.4	43.5	(NA)	(NA)
2842	Polishes and sanitation goods..	131.5	7.4	(NA)	(NA)	2875	Fertilizers, mixing only.....	135.3	6.5	152.7	11.6
2865	Cyclic crudes and intermediates	331.8	16.4	210.8	10.9	2892	Explosives.....	(D)	(D)	226.1	13.2
2869	Industrial organic chem- icals, n.e.c.....	1,789.3	76.4	1,505.4	71.9			NITRIC ACID (287311)			
		SODIUM HYDROXIDE (281238)					Total.....	503.8	30.3	(NA)	(NA)
	Total.....	(NA)	(NA)	2,299.8	141.8	2812	Alkalies and chlorine.....	(D)	(D)	(NA)	(NA)
2611	Pulpmills.....	446.8	24.1	(S)	21.8	2819	Industrial inorganic chem- icals, n.e.c.....	53.6	3.1	(NA)	(NA)
2621	Papermills, except building paper.....	645.7	37.8	365.3	20.4	2865	Cyclic crudes and intermediates	101.4	7.2	65.7	4.2
2631	Paperboard mills.....	594.1	31.3	303.7	16.1	2869	Industrial organic chem- icals, n.e.c.....	221.2	15.9	(S)	14.1
						2873	Nitrogenous fertilizers.....	(D)	(D)	(NA)	(NA)
						2892	Explosives.....	(D)	(D)	(D)	(D)

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
(S) Withheld because the data did not meet publication standards.

¹Quantity shown in 1,000 long tons.

TABLE 4B. Rubber Consumed by Selected Industry: 1972 and 1967

1972 code	Industry	Natural rubber (084911, 084913, and 084915)				Synthetic rubber (282201, 282203, 282204, 282205, 282206, 282207, 282208, 282209, 282211, 282212, and 282215)			
		1972		1967		1972		1967	
		Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)
	Total.....	(D)	(D)	(D)	(D)	1,998.6	953.9	961.7	406.4
3011	Tires and inner tubes.....	466.2	186.7	339.5	156.8	1,541.2	651.5	961.7	406.4
3021	Rubber and plastics footwear.....	14.2	6.5	(NA)	(NA)	20.5	10.2	(NA)	(NA)
3031	Reclaimed rubber.....	124.3	61.9	(NA)	(NA)	348.4	217.0	(NA)	(NA)
3069	Fabricated rubber products, n.e.c.....	9.9	4.4	(NA)	(NA)	88.5	75.2	(NA)	(NA)
3041	Rubber and plastics hose and belting.....	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
3357	Nonferrous wiredrawing and insulating.....								

(X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

SECTION I—Continued

CHAPTER 5. Metals

GENERAL

This chapter presents data on the consumption of selected metal mill shapes and forms, castings, forgings, refinery shapes, and scrap.

MILL SHAPES, CASTINGS, AND FORGINGS

The materials used by the metal fabricating industries in producing machinery, automobiles, and thousands of other products consist primarily of metal mill shapes and forms, castings, and forgings. The tables show the cost and quantity of consumption, of the most important of these metals—iron and steel, aluminum and aluminum-base alloys, and copper and copper-base alloys. No data are available for copper and copper-base alloy forgings.

The steel mill shapes are shown separately for three grades of steel: carbon, alloy, and stainless. Carbon steel is subdivided into six shapes; alloy steel and stainless steel are divided in two shapes each.

The copper and copper-base alloy mill shapes are subdivided into bare wire for electrical conduction; insulated wire and cable; rod, bar, and mechanical wire; plate, sheet, and strip; and pipe and tube. There is a degree of duplication in the consumption of copper and copper-base mill shapes because of the inclusion in these tables of both bare wire for electrical conduction and insulated wire and cable. However, the consumption of bare wire by insulators of wire and cable is shown separately in the distribution by industry.

The aluminum and aluminum-base alloy mill shapes are subdivided into sheet, plate and foil; extruded shapes; and all other mill shapes.

For castings, consumption data are shown separately for iron, steel, aluminum and aluminum-base alloy, and copper and copper-base alloy. Forgings are shown separately for iron and steel and aluminum and aluminum-base alloy.

PIG IRON, NONFERROUS REFINERY SHAPES, AND SCRAP

Consumption of materials by the primary metal industries is represented in the tables in this chapter by seven commodities: pig iron and iron and steel scrap (except home scrap),

aluminum and aluminum-base alloy refinery shapes and scrap (except home scrap), copper and copper-base alloy refinery shapes and scrap (except home scrap), and zinc and zinc-base alloy refinery shapes. Consumption of these materials is also reported by metal fabricators which operate foundry departments or other activities involving such consumption.

There is a certain degree of duplication in the consumption of the refinery shapes, which stems from the fact that secondary smelters and refiners consume unalloyed metal refinery shapes in order to produce alloy ingots. The consumption of refinery shapes by secondary smelters and refiners is shown separately in the distribution by industry.

INDUSTRY COVERAGE

The tables on consumption by industry include data for approximately 100 metal-fabricating industries. These represent all significant users of metal in manufacturing, and are covered by Major Group 34, Fabricated Metal Products, through Major Group 37, Transportation Equipment, and several additional miscellaneous industries, including Major Group 25, Furniture and Fixtures.

Although there were other metal consuming industries from which consumption data were either not collected or the quantities reported failed publication standards, the omission of these industries affects coverage only slightly.

To relieve very small metal consumers from reporting negligible amounts of total consumption, a minimum usage requirement was established: Expenditures of less than \$5,000 for each shape or form were exempt. It is estimated that the consumption not reported would equal at a maximum, less than 2 percent of total manufacturing consumption.

When comparing consumption data with production figures, it should be noted that the consumption data cover manufacturing industries only. Consumption of these metal shapes in on-site construction, mining, farm uses, construction and maintenance of power lines, and in other nonmanufacturing areas, such as export, is not covered.

MILL SHAPES, CASTINGS, AND FORGINGS PRODUCED AND CONSUMED

Mill shapes and castings.—Total consumption of mill shapes and forms, castings, and forgings in the manufacture of

SECTION I—Continued

fabricated products must necessarily include the tonnages used by metal mills and foundries in their manufacture of fabricated products within the same establishment. These data on mill shapes and castings produced and consumed within the same establishments were collected in quantity terms only. However, the consumption data on these items reported by producing establishments could not be shown either because of disclosure or because reporting was incomplete for some industries.

Forgings.—To avoid duplication, data showing the consumption of iron and steel forgings are excluded from the totals for steel consumption since the quantities of forging stock, ingots, billets, and bars used by the forging plants are included in steel mill shapes and forms consumed.

DEFINITION OF METAL MILL SHAPES AND FORMS

Although the inquiry on metals consumed on the 1972 census schedules did not include a definition of the metal shapes specified, the metal fabricating companies' familiarity with the terms and their meaning provided a high degree of uniformity in reporting. The term "bars and bar shapes" appearing in the tables showing steel consumption, includes hot-rolled and cold-finished bars and tool-steel bars; "sheet

and strip" includes hot- and cold-rolled, galvanized, and long ternes, but excludes tin plate, terne plate, and black plate; "wire and wire products" includes plain, galvanized, and other coated wire, as well as nails and spikes and the like; "all other carbon steel mill shapes and forms" includes ingots, billets, wire rods, concrete reinforcing bars, tin plate, terne plate, black plate, pipe, tubing, and rails, but not forgings or materials fabricated beyond the steel mill level.

The terms copper and copper-base alloy and aluminum rolled, drawn, and extruded shapes are similar to the steel mill products listed above; i.e., sheets, bars, tubing, wire, etc. They do not include wire bars, ingots, or other unrolled forms of copper or aluminum.

The data for bare copper wire are limited to wire for electrical conduction. Data for nonelectrical copper wire are included with rod and bar. The data for copper and copper-base alloy plate, sheet, and strip also include military cups and discs.

The castings (iron and steel, etc.) reported are only those in the rough and semifinished forms in which they are usually received from foundries. Castings, which had undergone extensive machining or other operations prior to their receipt at the consuming establishment, were considered as fabricated products rather than as rough castings, and are not included in these data. However, such castings are reported as consumed by the establishments performing the machining operations.

TABLE 5A. Consumption of Steel Mill Shapes and Forms by

1972 code	Industry group and industry	Carbon steel							
		Total		Bars and shapes, except concrete reinforcing bars (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
				Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	All industries, total.....	83,390.2	20,102.3	8,807.9	2,117.7	36,842.7	7,438.5	8,728.9	1,786.8
25	Furniture and fixtures.....	2,082.6	454.8	-	-	1,654.3	320.7	-	-
251	Household furniture.....	533.6	115.3	-	-	335.0	60.9	-	-
2514	Metal household furniture.....	463.5	98.1	-	-	310.6	55.1	-	-
2515	Mattresses and bedsprings.....	70.1	17.2	-	-	24.3	5.7	-	-
252	Office furniture.....	(D)	(D)	-	-	465.2	89.9	-	-
2522	Metal office furniture.....	(D)	(D)	-	-	465.2	89.9	-	-
253	Public building and related furniture.....	147.2	34.0	-	-	112.5	23.0	-	-
2531	Public building, related furniture.....	147.2	34.0	-	-	112.5	23.0	-	-
254	Partitions and fixtures.....	747.9	157.7	-	-	639.6	123.4	-	-
2541	Wood partitions and fixtures.....	22.8	9.8	-	-	14.2	4.0	-	-
2542	Metal partitions and fixtures.....	725.1	147.9	-	-	625.4	119.4	-	-
259	Miscellaneous furniture and fixtures.....	(D)	(D)	-	-	101.9	23.5	-	-
2591	Drapery hardware, and blinds, and shades.....	(D)	(D)	-	-	66.3	16.3	-	-
2599	Furniture and fixtures, n.e.c.....	(S)	22.1	-	-	35.6	7.2	-	-
26	Paper and allied products.....	86.1	22.4	-	-	86.1	22.4	-	-
265	Paperboard containers and boxes.....	86.1	22.4	-	-	86.1	22.4	-	-
2651	Folding paperboard boxes.....	.7	.4	-	-	.7	.4	-	-
2653	Corrugated and solid fiber boxes.....	6.3	2.4	-	-	6.3	2.4	-	-
2655	Fiber cans, drums, and similar products.....	79.0	19.6	-	-	79.0	19.6	-	-
30	Rubber and miscellaneous plastics products.....	145.4	78.8	-	-	-	-	-	-
301	Rubber and miscellaneous plastics products...	121.4	65.2	-	-	-	-	-	-
3011	Tires and inner tubes.....	121.4	65.2	-	-	-	-	-	-
304	Rubber and plastics hose and belting.....	23.9	13.6	-	-	-	-	-	-
3041	Rubber and plastics hose and belting.....	23.9	13.6	-	-	-	-	-	-
32	Stone, clay, and glass products.....	304.5	32.9	1.0	.4	1.7	.4	.6	.1
327	Concrete, gypsum, and plaster products.....	304.5	32.9	1.0	.4	1.7	.4	.6	.1
3271	Concrete block and brick.....	8.4	1.3	-	-	-	-	-	-
3272	Concrete products, n.e.c.....	296.0	31.6	1.0	.4	1.7	.4	.6	.1
34	Fabricated metal products.....	45,699.6	10,550.6	(D)	(D)	18,529.3	3,702.9	4,044.6	797.2
341	Metal cans and shipping containers.....	6,746.4	1,791.6	-	-	910.6	181.3	-	-
3411	Metal cans.....	5,808.4	1,608.8	-	-	63.4	17.9	-	-
3412	Metal barrels, drums, and pails.....	938.0	182.8	-	-	847.2	163.4	-	-
342	Cutlery, handtools, and hardware.....	1,869.4	511.2	300.3	74.0	1,172.3	255.5	22.1	7.2
3421	Cutlery.....	34.1	18.7	5.1	1.1	12.9	5.3	(D)	(D)
3423	Hand and edge tools, n.e.c.....	368.7	101.8	117.8	34.3	143.5	31.4	(D)	(D)
3425	Handsaws and saw blades.....	49.4	34.0	2.4	.8	15.6	7.9	.9	.3
3429	Hardware, n.e.c.....	1,416.7	356.7	175.0	37.8	1,000.3	210.9	15.9	5.6
343	Plumbing and heating, except electric.....	427.9	125.6	9.6	2.6	(D)	(D)	(D)	(D)
3431	Metal sanitary ware.....	107.8	41.4	.3	.1	62.8	14.4	(D)	(D)
3432	Plumbing fittings and brass goods.....	35.7	14.1	-	-	(D)	(D)	(D)	(D)
3433	Heating equipment, except electric.....	284.4	70.1	9.3	2.5	218.3	44.2	16.1	3.7
344	Fabricated structural metal products.....	15,884.8	3,271.4	983.7	180.5	4,753.1	956.9	3,508.9	678.7
3441	Fabricated structural metal.....	6,151.7	1,213.3	433.7	81.2	873.6	166.4	1,203.8	243.0
3442	Metal doors, sash, and trim.....	397.1	98.1	8.7	1.9	350.5	78.3	2.9	.7
3443	Fabricated platework (boiler shops).....	3,434.3	828.7	80.5	16.6	527.3	107.7	2,075.9	392.6
3444	Sheet metalwork.....	2,395.1	514.2	48.9	9.6	2,066.6	406.4	72.9	14.2
3446	Architectural metalwork.....	418.3	86.7	51.7	11.2	179.8	34.5	27.6	5.4
3448	Prefabricated metal buildings.....	905.0	194.0	53.2	11.0	566.2	121.9	109.9	19.8
3449	Miscellaneous metalwork.....	2,183.3	336.4	307.1	49.1	189.1	41.7	16.0	3.1
345	Screw machine products, bolts, etc.....	2,141.5	607.8	739.7	198.0	172.2	46.3	36.5	5.8
3451	Screw machine products.....	427.8	157.6	333.5	109.5	21.1	5.7	-	-
3452	Bolts, nuts, rivets, and washers.....	1,713.7	450.2	406.2	88.6	151.1	40.6	36.5	5.7
346	Metal forgings and stampings.....	13,817.0	2,939.2	1,169.9	249.2	(D)	(D)	(D)	(D)
3462	Iron and steel forgings.....	2,364.2	547.3	997.0	210.6	-	-	-	-
3463	Nonferrous forgings.....	(D)	(D)	.3	.1	-	-	-	-
3465	Automotive stampings.....	9,287.8	1,838.3	129.3	27.7	8,825.6	1,689.6	65.5	12.5
3466	Crowns and closures.....	(D)	(D)	-	-	(D)	(D)	(D)	(D)
3469	Metal stampings, n.e.c.....	1,861.0	469.7	43.4	10.9	1,295.0	271.4	221.3	49.1

See footnotes at end of table.

Selected Industry Group and Industry: 1972

Carbon steel—Continued						Alloy steel				Stainless steel				1972 code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bar and bar shapes, except stainless (331021 and 331046)		All other mill shapes and forms, except stainless (331020, 331025, 331029, 331044, and 331045)		Sheet and strip (331033)		All other mill shapes and forms (331031, 331047, 331048, 331049, and 331050)		
Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	
(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	
5,476.8	1,132.5	3,413.6	909.3	14,225.6	3,475.5	2,139.9	775.3	2,820.3	1,154.5	595.9	730.4	349.2	521.0	
-	-	-	-	(D)	(D)	-	-	(D)	(D)	-	-	16.0	20.2	25
-	-	-	-	198.6	49.6	-	-	-	3.4	-	-	-	1.4	251
-	-	-	-	152.8	38.2	-	-	(NA)	3.4	-	-	(NA)	1.4	2514
-	-	-	-	45.9	11.4	-	-	-	-	-	-	-	-	2515
-	-	-	-	52.0	12.5	-	-	(D)	(D)	-	-	2.9	3.4	252
-	-	-	-	52.0	12.5	-	-	(D)	(D)	-	-	2.9	3.4	2522
-	-	-	-	21.5	7.0	-	-	10.3	3.3	-	-	2.9	.8	253
-	-	-	-	21.5	7.0	-	-	10.3	3.3	-	-	2.9	.8	2531
-	-	-	-	60.3	15.7	-	-	44.3	12.8	-	-	3.6	5.9	254
-	-	-	-	6.0	2.0	-	-	(S)	.9	-	-	1.8	2.9	2541
-	-	-	-	54.3	13.7	-	-	(S)	11.8	-	-	1.9	3.0	2542
-	-	-	-	(D)	(D)	-	-	(D)	(D)	-	-	6.6	8.7	259
-	-	-	-	(D)	(D)	-	-	(D)	(D)	-	-	-	-	2591
-	-	-	-	(S)	2.7	-	-	(S)	3.5	-	-	6.6	8.7	2599
-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
-	-	-	-	-	-	-	-	-	-	-	-	-	-	265
-	-	-	-	-	-	-	-	-	-	-	-	-	-	2651
-	-	-	-	-	-	-	-	-	-	-	-	-	-	2653
-	-	-	-	-	-	-	-	-	-	-	-	-	-	2655
-	-	145.4	78.5	-	-	-	-	-	-	-	-	-	-	30
-	-	121.4	65.0	-	-	-	-	-	-	-	-	-	-	301
-	-	121.4	65.0	-	-	-	-	-	-	-	-	-	-	3011
-	-	23.9	13.6	-	-	-	-	-	-	-	-	-	-	304
-	-	23.9	13.6	-	-	-	-	-	-	-	-	-	-	3041
.7	-	.3	-	300.4	31.8	-	-	-	-	-	.4	-	-	32
.7	-	-	-	300.4	31.8	-	-	-	-	-	-	-	-	327
-	-	-	-	8.4	1.3	-	-	-	-	-	-	-	-	3271
.7	-	-	-	291.9	30.5	-	-	-	-	-	-	-	-	3272
3,562.6	719.7	2,258.0	587.6	10,698.9	2,580.9	990.2	287.1	973.5	366.1	260.3	308.4	(D)	(D)	34
-	-	(D)	(D)	5,790.8	1,594.5	-	-	(D)	(D)	.9	4.0	(D)	(D)	341
-	-	(D)	(D)	5,705.7	1,577.1	-	-	34.1	9.0	(D)	(D)	(D)	(D)	3411
-	-	(D)	(D)	85.1	17.3	-	-	(D)	(D)	(D)	(D)	-	-	3412
-	-	136.0	36.5	(D)	(D)	67.8	24.0	39.9	27.9	(D)	(D)	(D)	(D)	342
-	-	(D)	(D)	(D)	(D)	4.5	1.3	.3	.2	3.6	5.9	2.5	2.9	3421
-	-	(D)	(D)	25.9	7.5	61.0	20.3	9.8	4.1	(D)	(D)	(D)	(D)	3423
-	-	1.5	.5	.3	.1	2.4	2.4	26.1	21.9	.1	.1	-	-	3425
-	-	125.7	33.1	49.1	14.6	-	-	3.8	1.7	44.7	48.1	2.9	4.8	3429
5.2	1.2	3.4	1.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	3.7	343
-	-	-	-	20.8	5.9	-	-	-	-	22.3	20.5	(D)	(D)	3431
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3432
5.2	1.2	3.4	1.0	18.4	6.6	-	-	7.3	2.6	5.7	6.9	1.0	1.4	3433
3,419.3	687.6	205.7	48.9	2,586.2	448.4	(D)	(D)	(D)	(D)	65.5	86.7	42.5	61.1	344
2,874.0	579.7	105.7	22.9	569.6	92.2	34.6	7.3	49.6	10.1	5.4	7.9	1.6	2.6	3441
4.4	1.0	5.0	2.0	11.9	2.8	(D)	(D)	(D)	(D)	8.7	9.2	.3	.4	3442
257.7	52.7	17.9	4.5	294.9	95.4	10.9	4.2	110.1	72.9	21.0	27.3	38.2	54.8	3443
63.6	12.6	13.3	3.4	85.3	19.7	(NA)	.8	13.0	4.1	29.4	40.8	2.1	2.6	3444
63.9	13.5	8.3	1.6	71.2	15.0	(NA)	.4	14.9	3.4	.7	1.0	.3	.6	3446
61.1	12.1	7.6	3.0	68.9	18.0	(D)	(D)	36.2	7.7	(D)	(D)	-	-	3448
94.6	16.0	47.8	11.5	1,484.4	205.2	(D)	(D)	29.9	7.3	(D)	(D)	-	-	3449
-	-	801.5	207.0	186.7	38.2	98.0	37.3	76.8	26.8	5.8	8.1	24.2	40.3	345
-	-	12.2	3.5	6.9	2.7	40.2	16.5	3.9	2.1	1.6	2.5	8.2	15.0	3451
-	-	789.3	203.4	179.8	35.4	57.8	20.8	73.0	24.7	4.2	5.6	15.9	25.3	3452
11.1	3.6	(D)	(D)	1,145.9	242.1	(D)	(D)	(D)	(D)	(D)	(D)	38.2	39.5	346
-	-	-	-	577.6	105.6	417.1	114.6	346.8	94.6	-	-	26.8	21.9	3462
-	-	-	-	.6	.2	(D)	(D)	(NA)	10.5	-	-	4.1	2.8	3463
(NA)	1.2	22.9	6.5	137.7	29.9	1.4	1.1	58.3	14.0	39.8	41.1	7.3	14.8	3465
-	-	(D)	(D)	239.4	56.9	-	-	(D)	(D)	(D)	(D)	-	-	3466
11.1	2.3	27.8	8.5	190.6	49.6	6.4	3.8	34.7	19.9	42.9	54.3	-	-	3469

TABLE 5A. Consumption of Steel Mill Shapes and Forms by

1972 code	Industry group and industry	Total		Carbon steel					
				Bars and shapes, except concrete reinforcing bars (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
				Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)
34	Fabricated metal products--Continued								
348	Ordinance and accessories, n.e.c.....	1,132.3	281.9	(D)	(D)	(D)	(D)	61.2	11.8
3482	Small arms ammunition.....	20.3	8.6	(D)	(D)	(D)	(D)	(D)	(D)
3483	Ammunition, except small arms, n.e.c.....	1,039.4	249.7	620.8	145.2	53.1	14.5	(D)	(D)
3484	Small arms.....	39.3	14.1	25.4	7.1	2.8	.9	(D)	(D)
3489	Ordinance and accessories, n.e.c.....	33.2	9.5	1.1	.3	24.2	5.9	(D)	(D)
349	Miscellaneous fabricated metal products.....	3,680.3	992.9	376.2	87.4	974.2	202.5	110.3	28.0
3493	Steel springs, except wire.....	372.8	90.5	46.3	10.2	8.0	3.6	-	-
3494	Valves and pipe fittings.....	337.2	131.5	140.3	36.8	29.4	7.1	35.0	12.5
3495	Wire springs.....	677.1	197.2	6.4	1.5	119.5	28.7	-	-
3496	Miscellaneous fabricated wire products.....	700.7	173.2	27.5	6.4	39.1	9.1	-	-
3498	Fabricated pipe and fittings.....	456.5	140.3	42.5	8.1	66.6	12.9	21.1	4.3
3499	Fabricated metal products, n.e.c.....	1,136.0	260.1	113.2	24.4	711.6	141.2	54.3	11.2
35	Machinery, except electric.....	11,602.1	3,427.9	2,148.1	621.4	3,709.8	796.0	2,438.8	527.2
351	Engines and turbines.....	573.2	177.0	(D)	(D)	(D)	(D)	(D)	(D)
3511	Turbines and turbine generator sets.....	320.1	114.3	(D)	(D)	(D)	(D)	(D)	(D)
3519	Internal combustion engines, n.e.c.....	253.1	62.7	45.8	12.6	159.4	30.1	12.4	2.6
352	Farm and garden machinery.....	2,071.1	450.1	514.2	112.1	894.4	176.1	219.5	43.4
3523	Farm machinery and equipment.....	1,803.3	389.6	474.1	102.3	738.8	145.3	219.5	42.8
3524	Lawn and garden equipment.....	267.9	60.5	40.1	9.9	155.6	30.8	(NA)	.6
353	Construction and related machinery.....	3,398.9	824.1	583.3	153.1	413.3	87.1	1,278.9	257.6
3531	Construction machinery.....	1,883.5	433.6	302.1	82.3	178.1	37.6	853.5	170.7
3532	Mining machinery.....	180.3	49.9	54.1	13.0	(S)	3.3	66.5	15.4
3533	Oilfield machinery.....	292.3	92.4	46.1	11.4	-	-	40.9	9.1
3534	Elevators and moving stairways.....	149.2	34.7	21.6	4.7	54.3	10.8	15.0	3.3
3535	Conveyors and conveying equipment.....	359.6	87.5	74.9	16.7	83.1	17.2	73.0	14.9
3536	Hoists, cranes, and monorails.....	207.5	55.2	(NA)	6.5	20.8	4.7	111.3	22.4
3537	Industrial trucks and tractors.....	326.6	70.9	84.6	18.4	65.0	13.5	118.8	21.8
354	Metalworking machinery.....	658.2	337.0	172.2	84.5	109.9	27.8	227.5	58.6
3541	Machine tools, metal cutting types.....	111.4	53.2	40.0	15.2	13.7	3.2	32.2	8.2
3542	Machine tools, metal forming types.....	149.5	44.4	32.1	12.5	6.3	1.2	91.3	17.8
3544	Special dies, tools, jigs, and fixtures.....	208.8	131.3	56.9	31.3	54.1	14.7	65.9	23.6
3545	Machine tool accessories.....	21.1	58.9	(NA)	12.0	(NA)	1.1	3.1	1.1
3546	Power driven handtools.....	51.3	19.4	15.7	5.7	16.1	3.7	-	-
3547	Rolling mill machinery.....	75.5	16.6	16.1	3.9	5.1	.8	26.3	5.7
3549	Metalworking machinery, n.e.c.....	40.5	13.3	11.4	3.8	14.6	3.2	8.7	2.1
355	Special industry machinery.....	724.2	287.4	177.3	61.2	131.4	32.7	197.7	46.5
3551	Food products machinery.....	124.7	61.3	27.0	7.9	33.8	7.7	23.4	5.2
3552	Textile machinery.....	83.6	44.5	37.6	13.7	17.6	5.8	-	-
3553	Woodworking machinery.....	61.5	19.8	25.6	8.0	16.3	4.0	10.3	4.6
3554	Paper industries machinery.....	29.5	20.2	(NA)	5.9	-	-	13.2	3.2
3555	Printing trades machinery.....	26.0	13.9	14.2	5.5	(NA)	1.1	4.0	1.4
3559	Special industry machinery, n.e.c.....	398.9	127.7	72.9	20.1	63.7	14.1	146.8	32.1
356	General industrial machinery.....	1,750.3	584.2	293.3	86.8	522.8	89.9	199.7	42.3
3561	Pumps and pumping equipment.....	171.7	63.0	45.1	12.7	15.9	3.5	30.1	6.1
3562	Ball and roller bearings.....	620.4	258.2	87.9	29.8	99.1	25.5	3.0	.6
3563	Air and gas compressors.....	72.7	19.5	9.3	2.7	12.0	2.6	18.0	3.5
3564	Blowers and fans.....	379.0	51.0	28.0	6.2	293.6	22.4	45.3	9.0
3565	Industrial patterns.....	1.8	1.2	.9	.6	(NA)	.1	(NA)	(NA)
3566	Speed changers, drives, and gears.....	85.6	29.8	26.7	8.6	4.3	.9	14.1	2.7
3567	Industrial furnaces and ovens.....	45.0	37.2	-	-	(NA)	6.4	25.0	5.5
3568	Power transmission equipment, n.e.c.....	251.7	68.5	73.7	18.4	65.8	15.5	30.5	6.1
3569	General industrial machinery, n.e.c.....	122.4	55.8	21.8	7.7	32.1	12.9	33.7	8.7
357	Office and computing machines.....	166.6	81.3	28.0	12.1	99.2	36.5	-	-
3573	Electronic computing equipment.....	10.8	24.8	3.1	2.2	(NA)	5.6	-	-
3574	Calculating and accounting machines.....	(D)	(D)	6.1	1.9	18.4	5.3	-	-
3576	Scales and balances, except laboratory.....	(D)	(D)	2.8	.8	23.9	4.9	-	-
3579	Office machines, n.e.c. (combined with 3572)...	91.9	39.5	16.0	7.2	57.0	20.7	-	-
358	Refrigeration and service machinery.....	1,632.5	448.3	(D)	(D)	(D)	(D)	(D)	(D)
3581	Automatic merchandising machines.....	65.9	15.9	(D)	(D)	(D)	(D)	-	-
3582	Commercial laundry equipment.....	30.0	9.7	(NA)	1.3	11.3	2.5	4.5	1.1
3585	Refrigeration and heating equipment.....	1,361.1	355.2	42.2	13.2	1,059.4	235.8	43.0	9.5
3586	Measuring and dispensing pumps.....	55.7	10.8	9.5	2.6	13.0	2.3	(D)	(D)
3589	Service industry machinery, n.e.c.....	119.8	56.7	22.5	6.0	64.8	14.6	18.3	4.8
359	Miscellaneous machinery, except electrical...	627.1	238.5	208.4	64.6	142.5	33.6	(D)	(D)
3592	Carburetors, pistons, rings, and valves.....	92.6	38.9	15.3	5.6	54.6	11.9	(D)	(D)
3599	Machinery, except electrical, n.e.c.....	534.4	199.6	193.1	59.0	87.9	21.8	(D)	(D)

See footnotes at end of table.

Selected Industry Group and Industry: 1972—Continued

Carbon steel—Continued						Alloy steel				Stainless steel				1972 code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bar and bar shapes, except stainless (331021 and 331046)		All other mill shapes and forms, except stainless (331020, 331025, 331029, 331044, and 331045)		Sheet and strip (331033)		All other mill shapes and forms (331031, 331047, 331048, 331049, and 331050)		
Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	
(D)	(D)	6.4	1.8	208.7	53.7	56.6	18.1	42.3	10.5	(D)	(D)	(D)	(D)	348
-	-	(D)	(D)	-	-	-	-	(D)	(D)	-	-	-	-	3482
(D)	(D)	5.8	1.4	(D)	(D)	45.9	13.3	41.6	9.2	-	-	-	-	3483
-	-	(D)	(D)	(D)	(D)	9.2	4.2	(D)	(D)	(D)	(D)	(D)	(D)	3484
(D)	(D)	(D)	(D)	(D)	(D)	1.5	.7	-	-	(D)	(D)	(D)	(D)	3489
(D)	(D)	(D)	(D)	(D)	(D)	265.8	68.0	66.8	41.4	20.8	26.9	39.8	70.4	349
-	-	26.2	9.4	54.9	11.5	235.3	52.2	.6	.4	1.2	2.5	.3	.6	3493
-	-	-	-	84.2	24.5	11.3	7.2	13.2	7.0	4.7	6.1	19.1	30.4	3494
(D)	(D)	457.7	134.7	(D)	(D)	9.2	3.3	6.7	4.5	1.5	2.9	3.6	7.0	3495
15.7	3.6	531.0	124.1	74.8	14.3	2.8	.9	3.7	1.9	.9	1.4	5.2	11.5	3496
14.9	3.1	(D)	(D)	(D)	(D)	1.3	.9	17.8	14.7	2.9	3.2	8.2	15.2	3498
41.3	9.7	31.3	7.2	140.6	33.6	5.9	3.6	24.9	12.9	9.5	10.7	3.4	5.6	3499
739.8	176.9	169.6	77.5	886.1	290.4	685.9	332.9	598.8	286.8	134.8	163.0	94.8	155.9	35
(D)	(D)	-	-	48.0	11.6	(D)	(D)	(D)	(D)	2.8	4.6	23.1	25.3	351
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3511
(D)	(D)	-	-	(D)	(D)	14.4	5.6	2.8	3.5	(D)	(D)	(D)	(D)	3519
92.5	20.6	28.9	10.0	173.4	46.9	(D)	(D)	(D)	(D)	(D)	(D)	1.7	2.7	352
91.5	20.3	29.0	9.0	131.8	34.1	84.2	20.4	26.8	6.2	6.0	6.6	1.7	2.7	3523
1.0	.3	(NA)	1.0	41.6	12.8	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3524
399.0	86.9	18.3	9.5	392.2	86.3	194.0	64.6	(D)	(D)	(D)	(D)	(D)	(D)	353
157.5	33.7	6.4	3.1	209.1	49.7	55.8	18.5	120.2	36.6	.3	.6	.5	1.0	3531
15.1	3.8	.5	.5	13.1	4.6	14.8	6.1	3.8	2.3	.4	.6	.1	.2	3532
25.4	5.3	-	-	26.6	8.3	118.8	38.3	31.7	14.3	.2	.4	2.5	5.1	3533
43.8	10.0	3.0	1.4	9.2	2.5	-	-	.9	.3	1.2	1.5	.1	.1	3534
78.2	15.8	6.5	2.1	36.3	11.1	-	-	(D)	(D)	(D)	(D)	(D)	(D)	3535
43.7	9.6	1.9	1.4	16.9	5.0	4.5	1.7	8.2	2.6	(NA)	.9	.2	.3	3536
35.2	8.6	(NA)	.8	18.1	5.1	-	-	4.8	1.7	(NA)	.4	(NA)	.4	3537
22.1	11.7	1.4	4.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	354
(NA)	2.2	(NA)	.2	(NA)	5.4	22.6	13.1	1.9	2.5	.2	.3	.7	2.9	3541
9.4	2.0	(NA)	.1	(NA)	3.1	7.1	5.2	2.6	1.9	.1	.2	.4	.4	3542
(NA)	3.2	(NA)	1.8	10.9	6.4	(NA)	31.5	18.0	13.6	1.1	1.7	1.9	3.4	3544
(NA)	.7	.8	.7	(NA)	2.5	15.1	34.5	1.9	5.7	.2	.2	.1	.3	3545
(D)	(D)	.6	1.0	.9	.5	10.6	5.5	3.8	1.7	(D)	(D)	(D)	(D)	3546
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	3547
3.8	1.1	(NA)	.1	(NA)	.8	1.5	1.1	.2	.1	.1	.1	.2	.8	3549
70.4	17.4	8.7	7.8	49.7	21.3	15.3	8.1	25.1	15.0	(D)	(D)	(D)	(D)	355
13.1	3.3	-	-	(NA)	2.5	-	-	4.2	2.4	13.9	17.7	9.3	14.5	3551
13.5	3.5	4.8	5.8	(NA)	2.4	-	-	3.2	2.1	.1	.1	6.5	11.0	3552
-	-	-	-	5.4	1.7	-	-	3.7	1.1	(NA)	(D)	(NA)	(D)	3553
-	-	-	-	12.6	4.9	-	-	1.5	1.5	.9	1.7	1.2	2.9	3554
-	-	-	-	4.5	2.4	2.2	1.3	(NA)	.6	.6	.7	.6	.9	3555
43.7	10.5	3.9	2.0	27.1	7.5	13.1	6.8	12.5	7.3	9.0	14.7	6.3	12.7	3559
(D)	(D)	49.3	20.2	(D)	(D)	247.1	100.6	240.3	133.7	(D)	(D)	(D)	(D)	356
7.9	1.7	-	-	39.7	12.7	19.9	8.1	3.6	2.2	1.7	2.7	7.8	13.3	3561
-	-	37.5	15.2	13.3	9.6	162.6	66.6	212.4	106.0	(D)	(D)	(D)	(D)	3562
19.1	1.5	-	-	6.9	3.5	5.0	2.4	1.0	1.5	.5	.7	1.0	1.1	3563
9.6	2.1	(NA)	1.4	(NA)	2.6	-	-	(NA)	2.7	1.6	3.1	.9	1.4	3564
(D)	(D)	-	-	(D)	(D)	.4	.2	-	-	(D)	(D)	-	-	3565
-	-	.5	.1	4.9	2.3	21.1	7.5	13.5	6.3	.2	.4	.3	1.0	3566
15.0	3.6	-	-	(NA)	2.0	-	-	(NA)	9.6	3.9	7.6	1.1	2.6	3567
-	-	11.3	2.4	20.3	7.7	38.1	10.9	9.7	4.1	1.5	2.2	.8	1.1	3568
16.7	4.0	(NA)	1.0	18.1	4.9	(NA)	4.9	(NA)	1.3	(NA)	4.8	(NA)	5.5	3569
9.4	6.7	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	357
(NA)	3.2	(NA)	.8	(NA)	1.8	-	-	-	-	7.2	9.4	.5	1.9	3573
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	3574
9.4	1.9	.2	.1	2.1	.8	-	-	-	-	-	-	(D)	(D)	3576
(NA)	1.6	15.8	7.1	1.0	1.0	-	-	1.2	.8	.7	.9	.1	.3	3579
28.4	8.5	31.4	12.5	101.4	31.4	(D)	(D)	(D)	(D)	(D)	(D)	10.4	11.7	358
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	(D)	(D)	3581
5.4	1.2	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	3582
15.7	4.3	24.9	8.6	83.7	26.0	-	-	53.9	13.5	28.9	33.8	9.5	10.4	3585
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	23.2	1.4	.5	.6	3586
(NA)	2.2	5.1	2.4	(NA)	3.0	-	-	9.1	6.2	(NA)	17.5	-	-	3589
48.7	12.0	(D)	(D)	55.3	23.2	40.0	29.0	15.1	9.6	6.7	14.4	13.0	24.2	359
(D)	(D)	(D)	(D)	(D)	(D)	12.4	12.3	3.8	2.6	1.4	2.7	.9	2.1	3592
(D)	(D)	(D)	(D)	(D)	(D)	27.6	16.7	11.3	7.0	5.3	11.6	12.0	22.1	3599

TABLE 5A. Consumption of Steel Mill Shapes and Forms by

1972 code	Industry group and industry	Total		Carbon steel					
				Bars and shapes, except concrete reinforcing bars (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
36	Electric, electronic equipment.....	6,721.7	1,744.4	(D)	(D)	4,486.6	961.9	(D)	(D)
361	Electric distributing equipment.....	959.3	277.6	61.9	11.3	420.5	91.2	81.5	15.8
3612	Transformers.....	597.4	201.1	12.2	2.7	177.1	42.1	68.4	13.0
3613	Switchgear and switchboard apparatus.....	361.9	76.4	49.7	8.6	243.5	49.2	13.1	2.7
362	Electrical industrial apparatus.....	1,359.7	317.3	101.6	28.5	774.7	164.7	58.2	11.2
3621	Motors and generators.....	813.0	187.1	58.5	17.3	622.7	129.4	50.4	9.6
3622	Industrial controls.....	109.2	31.6	9.7	4.1	78.0	17.5	7.8	1.6
3623	Welding apparatus, electric.....	437.5	98.6	33.3	7.0	74.0	16.9	-	-
363	Household appliances.....	2,254.3	552.2	80.9	21.6	(D)	(D)	10.2	4.0
3631	Household cooking equipment.....	411.3	107.9	-	-	395.9	85.1	(D)	(D)
3632	Household refrigerators and freezers.....	555.4	124.2	(D)	(D)	502.0	107.3	-	-
3633	Household laundry equipment.....	694.7	154.3	(D)	(D)	623.5	129.4	-	-
3634	Electric housewares and fans.....	222.0	74.4	(NA)	.7	155.0	35.0	(D)	(D)
3635	Household vacuum cleaners.....	42.3	13.0	2.2	.7	33.8	8.3	-	-
3636	Sewing machines.....	6.2	2.6	(D)	(D)	(D)	(D)	-	-
3639	Household appliances, n.e.c.....	322.5	75.8	(D)	(D)	292.8	55.0	(D)	(D)
364	Electric lighting and wiring equipment.....	1,309.0	288.4	(D)	(D)	(D)	(D)	(D)	(D)
3641	Electric lamps.....	-	-	-	-	-	-	-	-
3643	Current-carrying wiring devices.....	70.7	23.1	2.0	.6	44.2	11.4	-	-
3644	Noncurrent-carrying wiring devices.....	820.6	160.5	97.0	16.7	477.6	91.1	-	-
3645	Residential lighting fixtures.....	50.9	17.2	.5	.1	35.5	8.1	(D)	(D)
3646	Commercial lighting fixtures.....	234.7	49.6	.2	.1	228.8	44.1	(D)	(D)
3647	Vehicular lighting equipment.....	78.8	19.7	(D)	(D)	(D)	(D)	-	-
3648	Lighting equipment, n.e.c.....	53.4	18.1	2.4	.6	21.2	5.9	5.5	1.5
365	Radio and TV receiving equipment.....	64.9	24.4	4.6	1.4	47.2	10.9	-	-
3651	Radio and TV receiving sets.....	64.9	24.4	4.6	1.4	47.2	10.9	-	-
366	Communication equipment.....	229.6	95.7	27.3	6.9	114.2	29.2	-	-
3661	Telephone and telegraph apparatus.....	123.5	45.7	15.7	3.6	71.7	18.9	-	-
3662	Radio and TV communication equipment.....	106.1	50.0	11.5	3.3	42.5	10.3	-	-
367	Electronic components and accessories.....	146.0	83.9	8.8	5.3	58.8	28.9	-	-
3671	Electron tubes, receiving type.....	(D)	(D)	-	-	(D)	(D)	-	-
3672	Cathode ray television picture tubes.....	(D)	(D)	-	-	(D)	(D)	-	-
3673	Electron tubes, transmitting.....	2.1	4.1	(D)	(D)	(D)	(D)	-	-
3674	Semiconductors and related devices.....	10.7	3.4	(D)	(D)	(D)	(D)	-	-
3675	Electronic capacitors.....	4.9	1.9	-	-	(D)	(D)	-	-
3676	Electronic resistors.....	7.0	4.0	(D)	(D)	(D)	(D)	-	-
3677	Electronic coils and transformers.....	32.8	17.9	(D)	(D)	(D)	(D)	-	-
3678	Electronic connectors.....	10.1	5.7	(D)	(D)	(D)	(D)	-	-
3679	Electronic components, n.e.c.....	57.4	30.1	4.9	2.8	28.6	8.0	-	-
369	Miscellaneous electrical equipment and supplies.....	398.9	104.9	146.1	38.2	193.8	41.8	(D)	(D)
3694	Engine electrical equipment.....	390.1	99.9	146.1	38.2	193.7	41.8	(D)	(D)
3699	Electrical equipment and supplies, n.e.c.....	8.9	4.9	-	-	-	-	-	-
37	Transportation equipment.....	15,804.2	3,428.3	1,870.1	409.3	8,296.7	1,613.9	2,079.8	426.1
371	Motor vehicles and equipment.....	11,462.6	2,453.2	1,448.7	336.9	7,670.8	1,484.3	505.7	105.3
3711	Motor vehicles and car bodies.....	1,700.8	361.4	145.3	31.8	1,311.9	259.4	31.6	6.1
3713	Truck and bus bodies.....	469.6	107.7	40.3	9.8	269.8	56.5	77.8	15.8
3714	Motor vehicle parts and accessories.....	8,900.0	1,893.5	1,233.5	288.9	5,957.7	1,143.5	334.2	69.8
3715	Truck trailers.....	392.1	90.6	29.5	6.4	131.4	24.9	62.1	13.5
372	Aircraft and parts.....	194.0	163.7	22.9	8.9	17.7	7.7	9.2	3.4
3721	Aircraft.....	17.4	14.7	2.4	1.3	2.3	.7	3.3	1.3
3724	Aircraft engines and engine parts.....	113.0	92.1	5.6	3.3	7.1	2.9	2.8	1.2
3728	Aircraft equipment, n.e.c.....	63.5	56.9	14.8	4.2	8.3	4.1	3.1	.9
373	Ship and boat building and repairing.....	1,676.2	309.6	111.5	22.1	79.2	15.4	895.2	188.0
3731	Ship building and repairing.....	1,655.2	303.2	109.2	21.5	73.8	14.3	888.1	186.5
3732	Boat building and repairing.....	21.0	6.4	2.2	.5	5.4	1.2	7.1	1.5
374	Railroad equipment.....	1,364.9	277.7	114.8	23.6	238.1	43.8	633.0	122.0
3743	Railroad equipment.....	1,364.9	277.7	114.8	23.6	238.1	43.8	633.0	122.0
375	Motorcycles, bicycles, and parts.....	182.0	39.7	10.3	3.0	142.2	29.3	2.0	.7
3751	Motorcycles, bicycles, and parts.....	182.0	39.7	10.3	3.0	142.2	29.3	2.0	.7
376	Guided missiles, space vehicles, and parts...	150.4	48.0	(D)	(D)	(D)	(D)	(D)	(D)
3761	Guided missiles and space vehicles.....	34.9	28.7	(D)	(D)	(D)	(D)	(D)	(D)
3764	Space propulsion units and parts.....	79.5	14.9	(D)	(D)	(D)	(D)	(D)	(D)
3769	Space vehicle equipment, n.e.c.....	36.1	4.4	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

Selected Industry Group and Industry: 1972—Continued

Carbon steel—Continued						Alloy steel				Stainless steel					1972 code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bar and bar shapes, except stainless (331021 and 331046)		All other mill shapes and forms, except stainless (331020, 331025, 331029, 331044, and 331045)		Sheet and strip (331033)		All other mill shapes and forms (331031, 331047, 331048, 331049, and 331050)			
Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost		
(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)		
85.1	21.8	362.7	77.9	(D)	(D)	17.0	12.4	486.4	245.1	63.4	80.4	(D)	(D)	36	
47.0	9.6	-	-	63.1	18.8	-	-	278.5	122.9	3.0	3.7	3.9	4.2	361	
11.6	3.2	-	-	51.7	16.6	-	-	274.0	121.4	-	-	2.5	2.2	3612	
35.5	6.5	-	-	11.3	2.3	-	-	4.5	1.5	3.0	3.6	1.4	2.0	3613	
6.7	2.2	277.7	47.0	62.0	18.8	-	-	(D)	(D)	4.5	7.6	(D)	(D)	362	
-	-	(NA)	2.6	45.7	14.2	-	-	32.9	10.8	.8	1.0	2.2	2.3	3621	
3.4	1.2	-	-	6.0	2.0	-	-	(D)	(D)	(D)	(D)	(D)	(D)	3622	
3.3	.9	277.7	44.3	10.3	2.6	-	-	30.6	13.0	(D)	(D)	(D)	(D)	3623	
(D)	(D)	27.0	10.9	52.4	17.6	9.4	6.3	33.6	30.0	28.7	36.0	2.3	4.2	363	
(D)	(D)	(D)	(D)	(NA)	.5	-	-	(NA)	12.1	5.5	6.5	(NA)	.3	3631	
(D)	(D)	4.9	2.6	(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	3632	
-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3633	
(D)	(D)	(D)	(D)	(D)	(D)	6.1	3.0	26.3	9.5	11.4	16.4	1.7	3.0	3634	
-	-	(NA)	1.1	5.1	1.7	-	-	(D)	(D)	(D)	(D)	-	-	3635	
-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	3636	
-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3639	
7.3	3.3	(D)	(D)	249.4	55.3	-	-	(D)	(D)	(D)	(D)	1.7	4.7	364	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	3641	
-	-	17.9	4.2	1.6	.7	-	-	1.4	.5	2.3	2.6	1.3	2.9	3643	
-	-	11.6	3.8	231.3	46.3	-	-	1.6	.8	1.2	1.3	.3	.5	3644	
(D)	(D)	5.8	1.6	(D)	(D)	-	-	.6	.6	(D)	(D)	(NA)	(D)	3645	
(D)	(D)	.8	.4	(D)	(D)	-	-	(NA)	2.6	(NA)	(D)	(NA)	(D)	3646	
-	-	(D)	(D)	-	-	-	-	(D)	(D)	2.1	2.3	-	-	3647	
5.9	2.1	1.4	.6	6.2	2.3	-	-	10.0	4.2	.8	.9	.1	.1	3648	
-	-	-	-	4.5	2.6	-	-	(D)	(D)	(D)	(D)	(D)	(D)	365	
-	-	-	-	4.5	2.6	-	-	(D)	(D)	(D)	(D)	(D)	(D)	3651	
8.3	2.7	3.0	1.0	9.6	3.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	366	
-	-	-	-	9.6	2.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3661	
8.2	2.7	3.0	1.0	(NA)	1.1	4.9	2.3	32.7	23.8	1.5	2.5	1.8	3.0	3662	
(D)	(D)	(D)	(D)	19.4	9.5	(D)	(D)	30.9	16.3	4.6	8.5	2.7	6.5	367	
-	-	-	-	-	-	-	-	(D)	(D)	-	-	-	-	3671	
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	-	-	3672	
-	-	-	-	-	-	.9	1.8	-	-	(D)	(D)	(D)	(D)	3673	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3674	
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	3675	
-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3676	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3677	
-	-	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3678	
(Z)	(Z)	3.6	1.2	1.9	1.3	.3	.3	14.2	8.7	3.1	5.6	.9	2.4	3679	
-	-	8.0	2.9	(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	369	
-	-	8.0	2.9	(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	3694	
-	-	-	-	6.3	2.0	-	-	.4	.6	-	-	2.1	2.3	3699	
934.8	209.5	467.0	82.9	987.8	240.5	446.0	140.7	591.2	189.2	101.6	81.4	31.9	37.1	37	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	371	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	1.5	.1	.1	3711	
47.2	9.6	.7	.3	11.9	3.9	6.8	2.0	13.1	7.3	1.8	2.2	.2	.3	3713	
46.4	10.7	194.4	71.0	609.6	137.1	289.2	78.5	202.5	64.8	28.0	23.4	4.6	5.9	3714	
117.4	23.4	(NA)	.5	16.5	4.8	4.2	1.4	24.0	8.5	(D)	(D)	(D)	(D)	3715	
76.6	36.3	(D)	(D)	(D)	(D)	26.2	19.6	12.8	22.7	(D)	(D)	(D)	(D)	372	
1.8	.5	(D)	(D)	(D)	(D)	2.5	2.9	2.0	1.5	(D)	(D)	(D)	(D)	3721	
66.1	34.0	2.4	1.6	.7	.3	17.5	11.7	3.8	12.8	3.6	16.0	3.6	8.1	3724	
8.8	1.7	(NA)	.5	1.5	.5	6.2	5.1	7.1	8.4	9.6	23.6	4.0	7.9	3728	
266.3	49.8	248.9	2.5	52.4	15.4	-	-	19.8	11.5	1.1	1.7	1.9	3.3	373	
263.4	49.1	248.8	2.4	51.5	15.1	-	-	17.7	10.4	.9	1.2	1.7	2.8	3731	
2.9	.7	(Z)	.1	.9	.3	-	-	2.1	1.1	.2	.4	.2	.5	3732	
232.8	47.0	3.4	1.9	130.6	30.2	-	-	9.0	3.2	-	-	3.3	5.8	374	
232.8	47.0	3.4	1.9	130.6	30.2	-	-	9.0	3.2	-	-	3.3	5.8	3743	
(D)	(D)	9.4	2.3	(D)	(D)	-	-	.5	.5	-	-	-	-	375	
(D)	(D)	9.4	2.3	(D)	(D)	-	-	.5	.5	-	-	-	-	3751	
1.2	1.1	(Z)	.5	2.2	2.5	14.1	5.2	37.0	19.7	49.2	3.2	12.0	1.7	376	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3761	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3764	
-	-	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3769	

TABLE 5A. Consumption of Steel Mill Shapes and Forms by

1972 code	Industry group and industry	Total		Carbon steel					
				Bars and shapes, except concrete reinforcing bars (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
37	Transportation equipment--Continued								
379	Miscellaneous transportation equipment.....	774.1	136.5	(D)	(D)	(D)	(D)	(D)	(D)
3792	Travel trailers and campers.....	335.9	24.1	104.6	2.9	16.4	3.5	-	-
3795	Tanks and tank components.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3799	Transportation equipment, n.e.c.....	(D)	(D)	38.8	7.4	124.9	22.6	22.5	3.5
38	Instruments and related products.....	337.1	163.0	19.3	7.8	(D)	(D)	(D)	(D)
381	Engineering and scientific instruments.....	17.8	9.8	(NA)	.8	17.6	4.0	(NA)	.8
3811	Engineering and scientific instruments.....	17.8	9.8	(NA)	.8	17.6	4.0	(NA)	.8
382	Measuring and controlling devices.....	(D)	(D)	19.3	7.0	59.0	15.9	(D)	(D)
3822	Environmental controls.....	35.5	16.6	3.2	1.2	26.1	6.1	-	-
3823	Process control instruments.....	32.6	16.2	11.5	3.3	7.3	1.9	(D)	(D)
3824	Fluid meters and counting devices.....	147.7	2.4	1.3	.5	3.5	1.1	-	-
3825	Instruments to measure electricity.....	(D)	(D)	1.9	1.3	16.9	5.4	.8	.7
3829	Measuring and controlling devices, n.e.c.....	7.5	5.8	1.4	.7	5.1	1.5	.4	.1
383	Optical instruments and lenses.....	(NA)	2.7	-	-	-	-	-	-
3832	Optical instruments and lenses.....	(NA)	2.7	-	-	-	-	-	-
385	Ophthalmic goods.....	7.7	1.8	-	-	-	-	-	-
3851	Ophthalmic goods.....	7.7	1.8	-	-	-	-	-	-
386	Photographic equipment and supplies.....	(D)	(D)	-	-	(D)	(D)	-	-
3861	Photographic equipment and supplies.....	(D)	(D)	-	-	(D)	(D)	-	-
39	Miscellaneous manufacturing industries.....	606.9	199.2	-	-	(D)	(D)	-	-
391	Jewelry, silverware and plated ware.....	29.6	25.6	-	-	(D)	(D)	-	-
3914	Silverware and plated ware.....	29.6	25.6	-	-	(D)	(D)	-	-
394	Toys and sporting goods.....	461.8	128.3	-	-	-	-	-	-
3942	Dolls.....	-	-	-	-	-	-	-	-
3944	Games, toys, and children's vehicles.....	138.6	31.6	-	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.....	323.2	96.7	-	-	-	-	-	-
396	Costume jewelry and notions.....	42.8	18.0	-	-	-	-	-	-
3962	Artificial flowers.....	-	-	-	-	-	-	-	-
3963	Buttons.....	1.8	.7	-	-	-	-	-	-
3964	Needles, pins, and fasteners.....	39.5	15.5	-	-	-	-	-	-
399	Miscellaneous manufactures.....	72.7	27.3	-	-	-	-	-	-
3993	Signs and advertising displays.....	-	-	-	-	-	-	-	-
3995	Burial caskets.....	-	-	-	-	-	-	-	-
3999	Manufacturing industries, n.e.c.....	72.7	27.3	-	-	-	-	-	-

- Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards. (Z) Less than half of the unit of measurement shown.

Selected Industry Group and Industry: 1972—Continued

Carbon steel—Continued						Alloy steel				Stainless steel				1972 code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bar and bar shapes, except stainless (331021 and 331046)		All other mill shapes and forms, except stainless (331020, 331025, 331029, 331044, and 331045)		Sheet and strip (331033)		All other mill shapes and forms (331031, 331047, 331048, 331049, and 331050)		
Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	
124.7 33.0 — 91.7	26.7 7.7 — 19.0	4.2 — — 4.2	1.2 — — 1.1	(D) 32.7 (D) 64.3	(D) 5.8 (D) 21.7	14.5 .9 13.5 —	7.4 .3 7.0 —	(D) 148.1 1.9 (D)	(D) 3.5 .9 (D)	(D) — (D) —	(D) — (D) —	(D) (NA) (D) —	(D) .4 (D) —	379 3792 3795 3799
154.5 (NA) (NA)	4.6 .5 .5	10.6 (NA) (NA)	4.9 .3 .3	38.3 (NA) (NA)	17.1 .3 .3	.8 (NA) (NA)	2.2 .7 .7	(D) (NA) (NA)	(D) .3 .3	(D) (NA) (NA)	(D) 1.4 1.4	(D) .3 .3	(D) .7 .7	38 381 3811
154.5 — (D) (D) (D) (NA)	4.0 — (D) (D) (D) .7	2.8 — (D) (D) (D) —	2.5 — (D) (D) (D) —	4.3 1.5 (D) — (D) (NA)	3.0 .4 (D) — (D) .4	(D) (D) .1 — .1 (NA)	(D) (D) .2 — .1 .3	(D) (D) .3 — 3.0 (NA)	(D) (D) .7 — 1.7 .7	(D) 3.2 1.3 1.0 .2 1.0 (NA)	6.5 2.7 2.0 .2 1.0 .6	5.0 2.1 1.8 .2 .6 .3	8.7 3.0 4.3 .3 .2 .8	382 3822 3823 3824 3825 3829
— —	— —	(NA) (NA)	.3 .3	(NA) (NA)	.3 .3	— —	— —	(NA) (NA)	1.0 1.0	— —	— —	(NA) (NA)	1.1 1.1	383 3832
— —	— —	7.7 7.7	1.8 1.8	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	385 3851
— —	— —	— —	— —	(D) (D)	(D) (D)	— —	— —	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	386 3861
—	—	—	—	(D)	(D)	—	—	84.9	31.8	(D)	(D)	18.4	23.8	39
— —	— —	— —	— —	(D) (D)	(D) (D)	— —	— —	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	391 3914
— — — —	— — — —	— — — —	— — — —	387.9 — 116.6 271.3	93.0 — 24.8 68.2	— — — —	— — — —	67.3 — 21.7 45.6	24.3 — 4.9 19.3	1.4 — .3 1.0	2.9 — 1.6 1.3	5.3 — (NA) 5.3	8.2 — .3 7.9	394 3942 3944 3949
— — — —	— — — —	— — — —	— — — —	38.1 — 1.8 36.3	12.2 — .7 11.5	— — — —	— — — —	(D) — (D) 1.6	(D) — (D) 1.5	— — — —	— — — —	(D) — (D) 1.6	(D) — (D) 3.5	396 3962 3963 3964
— — —	— — —	— — —	— — —	53.0 — — 53.0	14.8 — — 14.8	— — — —	— — — —	15.0 — — 15.0	5.0 — — 5.0	4.7 — — 4.7	6.5 — — 6.5	(NA) — — (NA)	1.0 — — 1.0	399 3993 3995 3999

TABLE 5B. Consumption of Copper and Copper-Base Alloy Mill Shapes and Forms by Selected Industry Group and Industry: 1972

1972 code	Industry group and industry	Bare wire for electrical conduction (335725, and 335728)		Insulated wire and cable (copper content) (335790)		Brass mill shapes							
						Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335100, 335105, 335109, and 335143)		Pipe and tube (335152)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	All industries, total.....	687.5	525.0	607.5	651.2	2,419.0	1,779.9	867.8	607.6	1,059.3	746.8	543.3	425.7
33	Primary metal industries.....	319.5	202.0	22.7	23.7	96.9	84.0	-	-	147.4	84.0	-	-
335	Nonferrous rolling and drawing...	319.5	202.0	22.7	23.7	96.9	84.0	-	-	147.4	84.0	-	-
3351	Copper rolling and drawing.....	-	-	-	-	50.5	53.5	-	-	101.0	53.5	-	-
3356	Nonferrous rolling and drawing, n.e.c.....	-	-	-	-	.9	1.4	-	-	.9	1.4	-	-
3357	Nonferrous wiredrawing and insulating.....	319.5	202.0	22.7	23.7	45.5	29.1	-	-	45.5	29.1	-	-
34	Fabricated metal products.....	7.2	5.7	(D)	(D)	835.9	581.6	400.9	246.4	264.2	213.5	170.8	121.7
342	Cutlery, handtools and hardware..	.3	.2	-	-	78.4	54.8	34.5	21.3	37.6	31.4	6.2	2.1
3421	Cutlery.....	-	-	-	-	1.7	3.0	.9	.5	.8	2.5	-	-
3423	Hand and edge tools, n.e.c.....	-	-	-	-	3.2	2.5	1.3	1.2	.6	.6	1.3	.7
3429	Hardware, n.e.c.....	.3	.2	-	-	73.5	49.2	32.3	19.5	36.3	28.3	4.9	1.4
343	Plumbing and heating, except electric.....	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	64.3	49.1
3431	Metal sanitary ware.....	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	1.4	1.2
3432	Plumbing fittings and brass goods..	-	-	-	-	160.6	88.7	100.0	46.3	20.3	12.3	40.3	30.1
3433	Heating equipment, except electric.	-	-	-	-	25.7	20.4	2.4	1.8	.7	.7	22.6	17.9
344	Fabricated structural metal products.....	-	-	-	-	(D)	(D)	(D)	(D)	15.7	14.0	41.0	26.2
3441	Fabricated structural metal.....	-	-	-	-	5.3	1.3	.4	.4	.5	.2	4.4	.8
3442	Metal doors, sash, and trim.....	-	-	-	-	(D)	(D)	(D)	(D)	2.1	1.7	(D)	(D)
3443	Fabricated platework (boiler shops)	-	-	-	-	34.2	25.4	1.0	1.0	5.4	5.6	27.8	18.8
3444	Sheet metalwork.....	-	-	-	-	11.1	10.8	3.5	2.0	7.6	6.3	(NA)	2.6
3448	Prefabricated metal buildings.....	-	-	-	-	7.9	3.5	-	-	(D)	(D)	(D)	(D)
3449	Miscellaneous metalwork.....	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-
345	Screw machine products, bolts, etc.....	6.0	4.5	-	-	139.4	96.5	129.7	86.3	8.5	9.3	1.1	.9
3451	Screw machine products.....	3.6	2.7	-	-	97.9	60.6	93.1	55.7	3.9	4.3	.9	.6
3452	Bolts, nuts, rivets, and washers...	2.4	1.8	-	-	41.5	35.9	36.6	30.6	4.7	5.0	.3	.3
346	Metal forgings and stampings....	.9	1.0	-	-	64.7	62.2	5.9	4.7	55.4	54.5	3.2	3.0
3465	Automotive stampings.....	.2	.2	-	-	16.2	18.7	1.1	.7	15.1	17.7	(NA)	.2
3469	Metal stampings, n.e.c.....	.8	.7	-	-	48.3	43.2	4.8	3.9	40.2	36.5	3.3	2.8
348	Ordinance and accessories, n.e.c..	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.6	5.7
3482	Small arms ammunition.....	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-
3483	Ammunition, except small arms, n.e.c.....	-	-	(D)	(D)	14.3	13.8	(D)	(D)	(D)	(D)	5.6	5.6
3484	Small arms.....	-	-	-	-	(D)	(D)	(D)	(D)	-	-	-	-
3489	Ordinance and accessories, n.e.c....	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-
349	Miscellaneous fabricated metal products.....	-	-	2.8	2.5	168.5	115.6	(D)	(D)	(D)	(D)	49.4	34.8
3494	Valves and pipe fittings.....	-	-	2.7	2.4	121.0	73.5	89.9	52.8	1.7	1.6	29.4	19.1
3495	Wire springs.....	-	-	-	-	1.6	2.3	1.1	1.9	.4	.4	-	-
3496	Miscellaneous fabricated wire products.....	-	-	-	-	15.7	16.8	14.3	14.7	1.4	1.4	(NA)	.7
3498	Fabricated pipe and fittings.....	-	-	.1	.1	20.7	15.1	(D)	(D)	(D)	(D)	18.7	13.7
3499	Fabricated metal products, n.e.c...	-	-	-	-	9.7	7.9	3.7	2.5	4.6	4.0	1.4	1.4
35	Machinery, except electrical...	9.0	14.9	59.8	71.7	474.6	377.8	65.2	77.4	239.9	124.9	169.7	175.5
351	Engines and turbines.....	3.5	3.5	(D)	(D)	(D)	(D)	(D)	(D)	8.5	6.9	7.7	11.1
3511	Turbines and turbine generator sets	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3519	Internal combustion engines, n.e.c.	(D)	(D)	(NA)	4.2	(D)	(D)	1.0	.8	(D)	(D)	(D)	(D)
352	Farm and garden machinery.....	-	-	-	-	1.3	9.9	(D)	(D)	.2	.2	(D)	(D)
3523	Farm machinery and equipment.....	-	-	-	-	.2	9.4	(NA)	1.6	.2	.2	(NA)	7.7
3524	Lawn and garden equipment.....	-	-	-	-	1.1	.5	(D)	(D)	-	-	(D)	(D)
353	Construction and related machinery.....	-	-	11.8	11.7	22.3	11.7	(D)	(D)	(D)	(D)	17.6	5.1
3531	Construction machinery.....	-	-	2.7	2.4	10.1	4.8	(NA)	.8	.6	.5	9.6	3.5
3532	Mining machinery.....	-	-	2.7	1.6	.5	.5	(D)	(D)	(D)	(D)	.2	.2
3533	Oilfield machinery.....	-	-	-	-	1.6	2.0	-	-	1.6	2.0	-	-
3534	Elevators and moving stairways....	-	-	4.2	3.5	1.6	1.9	.9	.8	.7	.7	(NA)	.3
3535	Conveyors and conveying equipment..	-	-	.6	.7	8.0	1.2	.1	.2	.2	.3	7.6	.8
3536	Hoists, cranes, and monorails.....	-	-	1.7	2.4	.5	.7	.2	.5	-	-	.3	.2
3537	Industrial trucks and tractors.....	-	-	(NA)	1.0	(NA)	.6	(NA)	.5	.1	.1	(NA)	.1

See footnotes at end of table.

TABLE 5B. Consumption of Copper and Copper-Base Alloy Mill Shapes and Forms by Selected Industry Group and Industry: 1972—Continued

1972 code	Industry group and industry	Bare wire for electrical conduction (335725, and 335728)		Insulated wire and cable (copper content) (335790)		Brass mill shapes							
						Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335100, 335105, 335109, and 335143)		Pipe and tube (335152)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
35	Machinery, except elec- trical--Continued												
354	Metalworking machinery.....	4.0	4.8	(D)	(D)	4.7	17.3	(D)	(D)	(D)	(D)	.4	2.1
3541	Machine tools, metal cutting types.	.1	.1	(NA)	1.9	.5	1.5	.5	.8	(NA)	.2	(NA)	.5
3542	Machine tools, metal forming types.	-	-	(NA)	.3	.3	.8	.2	.4	.1	.2	(NA)	.2
3544	Special dies, tools, jigs, and fixtures.....	.2	.4	.2	.1	3.5	4.7	.8	.8	2.7	3.1	(NA)	.9
3545	Machine tool accessories.....	-	-	(NA)	.1	(NA)	.4	(NA)	.4	-	-	-	-
3546	Power driven handtools.....	3.7	4.3	5.4	6.0	-	.8	(NA)	.7	-	-	-	-
3547	Rolling mill machinery.....	-	-	(D)	(D)	.1	.2	(D)	(D)	(D)	(D)	-	-
3549	Metalworking machinery, n.e.c.....	-	-	.3	.6	.3	8.9	(NA)	(D)	(NA)	(D)	.3	.4
355	Special industry machinery.....	-	-	.7	.5	9.8	24.6	(D)	(D)	(D)	(D)	3.1	4.8
3551	Food products machinery.....	-	-	-	-	1.1	1.0	-	-	1.1	1.0	-	-
3552	Textile machinery.....	-	-	-	-	(NA)	1.4	-	-	(NA)	1.4	-	-
3554	Paper industries machinery.....	-	-	-	-	.4	1.1	(NA)	(D)	(NA)	(D)	.4	.3
3555	Printing trades machinery.....	-	-	.7	.4	(NA)	13.2	(NA)	11.5	(NA)	.5	(NA)	1.3
3559	Special industry machinery, n.e.c..	-	-	-	-	8.3	7.8	2.0	1.9	3.6	2.8	2.7	3.2
356	General industrial machinery.....	-	-	5.0	3.7	(D)	(D)	16.3	18.8	2.5	7.3	(D)	(D)
3561	Pumps and pumping equipment.....	-	-	4.4	3.2	6.9	7.3	3.0	2.8	.6	.5	3.4	3.9
3562	Ball and roller bearings.....	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	.3	.3
3563	Air and gas compressors.....	-	-	.4	.4	2.4	2.5	1.3	1.0	.1	.1	1.1	1.4
3564	Blowers and fans.....	-	-	-	-	11.4	11.3	(D)	(D)	(D)	(D)	(D)	(D)
3566	Speed changers, drives, and gears..	-	-	-	-	.5	1.2	(NA)	.7	-	-	.5	.5
3567	Industrial furnaces and ovens.....	-	-	-	-	.7	3.4	.7	.8	(NA)	1.0	(NA)	1.7
3568	Power transmission equipment, n.e.c.....	-	-	-	-	1.0	5.0	(NA)	(D)	(NA)	(D)	1.0	.6
3569	General industrial machinery, n.e.c.	-	-	.2	.1	(NA)	9.1	(NA)	(D)	(NA)	(D)	(NA)	(D)
357	Office and computing machines....	(NA)	4.5	18.1	27.0	-	-	-	-	-	-	-	-
3573	Electronic computing equipment.....	(NA)	4.4	14.3	24.9	-	-	-	.3	-	-	-	-
3574	Calculating and accounting machines	-	-	(D)	(D)	-	-	-	-	-	-	-	-
3576	Scales and balances, except laboratory.....	-	-	(D)	(D)	-	-	-	-	-	-	-	-
3579	Office machines, n.e.c. (combined with 3572).....	-	-	.7	1.1	-	-	-	-	-	-	-	-
358	Refrigeration and service machinery.....	1.5	1.9	8.6	8.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3581	Automatic merchandising machines...	-	-	-	-	.4	.4	-	-	.4	.4	-	-
3582	Commercial laundry equipment.....	-	-	-	-	70.0	.5	-	-	70.0	.5	-	-
3585	Refrigeration and heating equipment	1.5	1.9	8.2	7.5	289.1	223.0	16.2	9.6	145.4	91.1	127.5	122.3
3586	Measuring and dispensing pumps....	-	-	.1	.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3589	Service industry machinery, n.e.c..	-	-	.3	.4	(NA)	1.8	-	-	(NA)	1.8	-	-
359	Miscellaneous machinery, except electrical.....	-	-	(D)	(D)	18.8	16.4	(D)	(D)	(D)	(D)	5.1	5.1
3592	Carburetors, pistons, rings, and valves.....	-	-	-	-	1.7	1.6	(D)	(D)	(D)	(D)	-	-
3599	Machinery, except electrical, n.e.c.....	-	-	(D)	(D)	17.1	14.8	10.4	7.9	1.6	1.9	5.1	5.1
36	Electric and electronic equipment.....	324.3	279.1	427.6	455.0	426.2	372.6	209.7	171.1	166.6	156.3	49.8	45.2
361	Electric distributing equipment..	64.3	50.4	94.4	68.4	105.6	80.1	75.3	55.6	25.7	20.8	4.5	3.7
3612	Transformers.....	56.2	41.3	83.0	57.5	29.8	18.6	24.6	14.4	4.7	3.7	.5	.4
3613	Switchgear and switchboard apparatus.....	8.1	9.2	11.4	10.8	75.8	61.5	50.7	41.2	21.0	17.0	4.1	3.3
362	Electrical industrial apparatus..	108.8	102.0	(D)	(D)	87.3	71.2	(D)	(D)	9.6	8.9	(D)	(D)
3621	Motors and generators.....	87.2	79.1	98.6	80.7	49.3	33.4	45.8	30.0	3.4	3.3	.1	.1
3622	Industrial controls.....	11.1	12.1	12.2	11.7	22.4	23.2	17.9	19.5	4.0	3.3	.5	.4
3623	Welding apparatus, electric.....	2.7	2.7	9.3	9.1	8.0	8.4	5.9	6.2	1.3	1.3	.8	.9
3624	Carbon and graphite products.....	1.1	1.3	(D)	(D)	1.0	.9	.7	.6	.3	.3	-	-
3629	Electrical industrial apparatus, n.e.c.....	6.6	6.8	(NA)	7.4	6.6	5.3	(D)	(D)	.5	.6	(D)	(D)
363	Household appliances.....	9.2	10.6	(D)	(D)	31.7	26.9	(D)	(D)	(D)	(D)	26.5	21.3
3631	Household cooking equipment.....	(D)	(D)	2.9	4.2	(NA)	.4	(NA)	(D)	(NA)	(D)	(NA)	(D)
3632	Household refrigerators and freezers.....	(D)	(D)	(D)	(D)	22.4	16.2	-	-	-	-	22.4	16.1
3633	Household laundry equipment.....	-	-	2.6	3.2	(NA)	.4	(NA)	(D)	(NA)	(D)	(NA)	(D)
3634	Electric housewares and fans.....	6.7	8.2	19.5	21.6	5.7	5.1	1.7	1.8	3.1	2.5	.9	.8
3635	Household vacuum cleaners.....	2.3	2.0	3.5	3.0	(NA)	1.4	(NA)	(D)	(NA)	(D)	(NA)	(D)
3639	Household appliances, n.e.c.....	-	-	1.3	2.2	3.6	3.5	(D)	(D)	(D)	(D)	3.2	3.0

See footnotes at end of table.

TABLE 5B. Consumption of Copper and Copper-Base Alloy Mill Shapes and Forms by Selected Industry Group and Industry: 1972—Continued

1972 code	Industry group and industry	Bare wire for electrical conduction (335725, and 335728)		Insulated wire and cable (copper content) (335790)		Brass mill shapes							
						Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335100, 335105, 335109, and 335143)		Pipe and tube (335152)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
36	Electric and electronic equipment--Continued												
364	Electric lighting and wiring equipment.....	(D)	(D)	20.0	26.9	87.3	80.6	13.4	12.3	67.0	61.2	6.9	7.1
3641	Electric lamps.....	-	-	-	-	4.5	5.4	-	-	4.5	5.4	-	-
3643	Current-carrying wiring devices....	24.6	16.7	(NA)	7.5	68.4	61.1	10.5	10.0	54.0	47.2	4.0	3.9
3644	Noncurrent-carrying wiring devices....	1.6	1.1	8.4	5.2	7.2	7.2	.8	.7	5.7	5.4	.7	1.1
3645	Residential lighting fixtures.....	.4	.6	5.5	5.0	3.8	3.9	.3	.4	1.4	1.6	2.0	1.8
3646	Commercial lighting fixtures.....	(NA)	.3	(NA)	3.2	.2	.4	.1	.1	(NA)	.2	.1	.1
3647	Vehicular lighting equipment.....	(NA)	.1	1.6	1.6	2.3	1.6	1.5	1.0	.7	.6	.1	.1
3648	Lighting equipment, n.e.c.....	(D)	(D)	4.6	4.2	.9	1.1	.1	.1	.8	1.0	.1	.1
365	Radio and TV receiving equipment.....	3.5	4.7	19.0	26.7	-	-	-	-	-	-	-	-
3651	Radio and TV receiving sets.....	3.5	4.7	19.0	26.7	-	-	-	-	-	-	-	-
366	Communication equipment.....	14.8	13.8	22.4	63.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3661	Telephone and telegraph apparatus..	8.7	9.0	22.4	32.6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3662	Radio and TV communication equipment.....	6.1	4.7	(NA)	30.9	8.0	9.0	3.2	3.8	3.9	3.8	1.0	1.4
367	Electronic components and accessories.....	(D)	(D)	15.6	38.3	(D)	(D)	(D)	(D)	(D)	(D)	3.7	5.4
3671	Electron tubes, receiving type.....	.2	.4	-	(D)	-	-	-	-	-	-	-	-
3672	Cathode ray television picture tubes	-	-	.4	.7	(D)	(D)	(D)	(D)	-	-	-	-
3673	Electron tubes, transmitting.....	(D)	(D)	(NA)	.8	1.8	2.6	.9	1.2	.6	.8	.4	.5
3674	Semiconductors and related devices..	(NA)	.9	.3	.4	1.9	2.9	.9	1.5	1.0	1.3	-	-
3675	Electronic capacitors.....	2.8	2.6	(D)	(D)	(NA)	1.4	(NA)	(D)	(D)	(D)	(NA)	(D)
3676	Electronic resistors.....	3.3	2.2	(D)	(D)	6.3	6.2	3.4	3.7	2.6	2.2	.4	.3
3677	Electronic coils and transformers..	(D)	(D)	13.4	16.5	(D)	(D)	1.9	2.1	1.1	.9	(D)	(D)
3678	Electronic connectors.....	(D)	(D)	1.5	3.0	(D)	(D)	10.3	7.8	12.9	12.7	(D)	(D)
3679	Electronic components, n.e.c.....	(D)	(D)	(NA)	16.5	9.6	13.9	3.1	3.5	4.9	7.7	1.5	2.6
369	Miscellaneous electrical equip- ment and supplies.....	66.6	45.2	89.4	85.3	33.4	27.5	12.2	9.9	(D)	(D)	(D)	(D)
3694	Engine electrical equipment.....	61.9	40.9	62.5	56.4	23.4	20.8	12.2	9.9	(D)	(D)	(D)	(D)
3699	Electric equipment and supplies, n.e.c.....	4.7	4.3	26.8	28.8	10.1	6.6	-	-	10.1	6.6	-	-
37	Transportation equipment.....	18.9	16.1	(D)	(D)	463.1	276.8	165.5	96.5	153.3	106.6	144.4	73.9
371	Motor vehicles and equipment.....	10.1	8.4	63.8	51.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3711	Motor vehicles and car bodies.....	(D)	(D)	6.3	4.9	12.4	8.0	(D)	(D)	(D)	(D)	(D)	(D)
3713	Truck and bus bodies.....	(D)	(D)	4.2	2.4	(D)	(D)	-	-	-	-	(NA)	(D)
3714	Motor vehicle parts and accessories	9.7	7.8	52.7	42.8	408.6	229.2	143.7	77.5	135.2	102.6	129.7	49.1
3715	Truck trailers.....	(D)	(D)	.7	.9	(NA)	1.4	(NA)	.6	-	-	(NA)	.9
372	Aircraft and parts.....	1.8	1.5	8.7	20.5	7.5	6.9	2.0	2.2	(D)	(D)	(D)	(D)
3721	Aircraft.....	1.7	1.3	1.5	11.4	.8	1.0	.5	.6	(D)	(D)	(D)	(D)
3724	Aircraft engines and engine parts..	-	-	.5	.6	3.0	3.7	.6	.7	1.2	1.2	1.2	1.8
3728	Aircraft equipment, n.e.c.....	.1	.2	6.7	8.5	3.7	2.2	.9	.9	.4	.4	2.3	.9
373	Ship and boat building and repairing.....	(D)	(D)	6.5	9.1	16.6	14.8	1.8	1.7	.6	.5	14.1	12.6
3731	Ship building and repairing.....	(D)	(D)	6.4	8.8	16.1	14.5	1.7	1.6	.6	.5	13.8	12.4
3732	Boat building and repairing.....	-	-	.2	.3	.5	.3	.1	.1	-	-	.3	.2
374	Railroad equipment.....	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3743	Railroad equipment.....	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
376	Guided missiles, space vehicles, and parts.....	(D)	(D)	(D)	(D)	(NA)	.7	(NA)	.3	(NA)	.4	-	-
3761	Guided missiles and space vehicles..	(D)	(D)	.8	2.2	(NA)	.4	(NA)	(D)	(NA)	(D)	-	-
3769	Space vehicle equipment, n.e.c.....	-	-	(D)	(D)	(NA)	.3	(NA)	(D)	(NA)	(D)	-	-
379	Miscellaneous transportation equipment.....	.7	1.2	5.1	4.9	1.6	2.3	(D)	(D)	(D)	(D)	(D)	(D)
3792	Travel trailers and campers.....	.7	1.2	5.1	4.9	1.6	2.3	(D)	(D)	(D)	(D)	(D)	(D)
38	Instruments and related products.....	8.6	7.2	8.8	9.2	55.8	40.2	26.5	16.2	20.7	14.6	8.6	9.4
381	Engineering and scientific instruments.....	.1	.2	.3	.8	1.0	1.1	.6	.6	.2	.2	.2	.3
3811	Engineering and scientific instruments.....	.1	.2	.3	.8	1.0	1.1	.6	.6	.2	.2	.2	.3

See footnotes at end of table.

TABLE 5B. Consumption of Copper and Copper-Base Alloy Mill Shapes and Forms by Selected Industry Group and Industry: 1972—Continued

1972 code	Industry group and industry	Bare wire for electrical conduction (335725, and 335728)		Insulated wire and cable (copper content) (335790)		Brass mill shapes							
						Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335100, 335105, 335109, and 335143)		Pipe and tube (335152)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	Instruments and related products--Continued												
382	Measuring and controlling devices	8.5	7.0	7.7	8.4	46.9	35.6	25.8	15.5	12.6	11.0	8.4	9.0
3822	Environmental controls.....	5.3	3.6	3.5	2.0	24.7	18.3	12.7	6.5	6.0	5.1	6.0	6.7
3823	Process control instruments.....	.4	.5	.7	1.0	5.9	4.6	4.4	3.0	.4	.4	1.2	1.2
3824	Fluid meters and counting devices..	-	-	.1	.1	1.6	1.8	.9	1.0	.7	.8	-	-
3825	Instruments to measure electricity.	2.5	2.7	3.4	3.8	4.5	3.9	2.0	1.8	2.4	2.1	.1	.1
3829	Measuring and controlling devices, n.e.c.....	.2	.1	(NA)	1.5	10.2	6.8	5.9	3.2	3.3	2.6	1.1	1.0
386	Photographic equipment and supplies.....	-	-	-	-	7.8	3.4	-	-	7.8	3.4	-	-
3861	Photographic equipment and supplies	-	-	-	-	7.8	3.4	-	-	7.8	3.4	-	-
39	Miscellaneous manufacturing industries.....	-	-	-	-	66.7	46.9	-	-	66.7	46.9	-	-
391	Jewelry, silverware and plated ware.....	-	-	-	-	17.3	13.5	-	-	17.3	13.5	-	-
3914	Silverware and plated ware.....	-	-	-	-	17.3	13.5	-	-	17.3	13.5	-	-
394	Toys and sporting goods.....	-	-	-	-	5.7	3.5	-	-	5.7	3.5	-	-
3949	Sporting and athletic goods, n.e.c.	-	-	-	-	5.7	3.5	-	-	5.7	3.5	-	-
396	Costume jewelry and notions.....	-	-	-	-	39.8	26.5	-	-	39.8	26.5	-	-
3963	Buttons.....	-	-	-	-	8.3	3.0	-	-	8.3	3.0	-	-
3964	Needles, pins, and fasteners.....	-	-	-	-	31.5	23.5	-	-	31.5	23.5	-	-
399	Miscellaneous manufactures.....	-	-	-	-	3.9	3.4	-	-	3.9	3.4	-	-
3999	Manufacturing industries, n.e.c....	-	-	-	-	3.9	3.4	-	-	3.9	3.4	-	-

- Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5C. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Selected Industry Group and Industry: 1972

1972 code	Industry group and industry	Total		Sheet, plate, and foil (335301, 335303, and 335335)		Extruded shapes (335405)		All other aluminum mill shapes and forms (335001, 335007, and 335008)	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(million pounds)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)
	All industries, total.....	6,134.2	2,815.6	3,759.3	1,615.3	1,202.9	643.3	1,172.0	556.8
25	Furniture and fixtures.....	153.7	78.6	54.5	20.0	45.5	21.4	53.7	37.2
251	Household furniture.....	125.4	54.4	44.0	13.8	42.5	20.0	38.9	20.6
2514	Metal household furniture.....	125.4	54.4	44.0	13.8	42.5	20.0	38.9	20.6
252	Office furniture.....	7.6	5.0	-	-	-	-	7.6	5.0
2522	Metal office furniture.....	7.6	5.0	-	-	-	-	7.6	5.0
253	Public building and related furniture.....	6.1	5.6	-	-	-	-	6.1	5.6
2531	Public building and related furniture.....	6.1	5.6	-	-	-	-	6.1	5.6
254	Partitions and fixtures.....	(X)	3.3	-	-	-	-	(X)	3.3
2541	Wood partitions and fixtures.....	(X)	3.3	-	-	-	-	(X)	3.3
259	Miscellaneous furniture and fixtures.....	14.6	10.3	10.5	6.2	3.0	1.4	1.1	2.7
2591	Drapery hardware and blinds and shades.....	14.6	9.0	10.5	6.2	3.0	1.4	1.1	1.4
2599	Furniture and fixtures, n.e.c.....	(S)	1.3	-	-	-	-	(S)	1.3
26	Paper and allied products.....	(D)	(D)	(D)	(D)	-	-	-	-
264	Miscellaneous converted paper products.....	(D)	(D)	(D)	(D)	-	-	-	-
2641	Paper coating and glazing.....	25.0	14.3	25.0	14.3	-	-	-	-
2643	Bags, except textile bags.....	2.8	1.4	2.8	1.4	-	-	-	-
2649	Converted paper products, n.e.c.....	(D)	(D)	(D)	(D)	-	-	-	-
265	Paperboard containers and boxes.....	16.9	8.8	16.9	8.8	-	-	-	-
2653	Corrugated and solid fiber boxes.....	(D)	(D)	(D)	(D)	-	-	-	-
2654	Sanitary food containers.....	(D)	(D)	(D)	(D)	-	-	-	-
2655	Fiber cans, drums, and similar products.....	(D)	(D)	(D)	(D)	-	-	-	-

See footnotes at end of table.

TABLE 5C. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Selected Industry Group and Industry: 1972—Continued

1972 code	Industry group and industry	Total		Sheet, plate, and foil (335301, 335303, and 335335)		Extruded shapes (335405)		All other aluminum mill shapes and forms (335001, 335007, and 335008)	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(million pounds)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)
33	Primary metal industries.....	(D)	(D)	-	-	(D)	(D)	330.2	113.3
335	Nonferrous rolling and drawing.....	(D)	(D)	-	-	(D)	(D)	330.2	113.3
3351	Copper rolling and drawing.....	(D)	(D)	-	-	(D)	(D)	-	-
3353	Aluminum sheet, plate, and foil.....	(D)	(D)	-	-	-	-	(D)	(D)
3354	Aluminum extruded products.....	(D)	(D)	-	-	-	-	(D)	(D)
3355	Aluminum rolling and drawing, n.e.c.....	(D)	(D)	-	-	-	-	(D)	(D)
3356	Nonferrous rolling and drawing, n.e.c.....	(D)	(D)	-	-	-	-	(D)	(D)
3357	Nonferrous wire drawing and insulating.....	112.5	63.0	-	-	-	-	112.5	63.0
34	Fabricated metal products.....	3,573.6	1,520.6	2,548.4	1,039.6	660.0	309.6	365.3	171.3
341	Metal cans and shipping containers.....	(D)	(D)	(D)	(D)	-	-	89.8	42.3
3411	Metal cans.....	1,030.6	426.2	940.8	383.9	-	-	89.8	42.3
3412	Metal barrels, drums, and pails.....	(D)	(D)	(D)	(D)	-	-	-	-
342	Cutlery, handtools, and hardware.....	62.1	37.2	30.5	19.4	22.1	11.9	9.5	6.0
3421	Cutlery.....	3.9	2.2	(D)	(D)	-	-	(D)	(D)
3423	Hand and edge tools, n.e.c.....	6.8	3.3	(D)	(D)	-	-	(D)	(D)
3425	Handsaws and saw blades.....	.2	.1	-	-	-	-	.2	.1
3429	Hardware, n.e.c.....	51.2	31.5	26.2	17.5	22.1	11.9	3.0	2.1
343	Plumbing, heating, except electric.....	41.8	20.0	35.0	14.8	1.7	2.2	5.1	2.8
3431	Metal sanitary ware.....	(D)	(D)	-	-	(D)	(D)	-	-
3432	Plumbing fittings and brass goods.....	(NA)	1.7	-	-	(NA)	1.5	(NA)	.3
3433	Heating equipment, except electric.....	(D)	(D)	35.0	14.8	(D)	(D)	5.1	2.5
344	Fabricated structural metal products.....	(D)	(D)	(D)	(D)	531.1	228.0	(D)	(D)
3441	Fabricated structural metal.....	88.3	36.5	67.9	26.9	16.6	8.0	3.8	1.6
3442	Metal doors, sash, and trim.....	597.1	244.8	108.3	41.9	407.6	172.1	81.3	30.9
3443	Fabricated platework (boiler shops).....	29.1	17.2	24.3	13.8	3.8	2.7	1.0	.7
3444	Sheet metalwork.....	568.4	207.6	501.0	178.1	56.7	22.7	10.7	6.7
3446	Architectural metalwork.....	(D)	(D)	(D)	(D)	30.6	15.1	(D)	(D)
3448	Prefabricated metal buildings.....	11.6	5.9	6.7	3.7	4.1	1.8	.8	.4
3449	Miscellaneous metalwork.....	106.1	43.9	94.4	38.2	11.6	5.6	.1	.1
345	Screw machine products, bolts, etc.....	48.1	30.3	3.9	2.9	17.7	11.8	26.5	15.5
3451	Screw machine products.....	25.3	17.0	1.2	1.1	14.8	10.2	9.3	5.7
3452	Bolts, nuts, rivets, and washers.....	22.8	13.3	2.7	1.8	2.9	1.6	17.2	9.9
346	Metal forgings and stampings.....	473.4	217.6	(D)	(D)	15.4	8.4	(D)	(D)
3462	Iron and steel forgings.....	1.6	1.3	-	-	-	-	1.6	1.3
3463	Nonferrous forgings.....	(D)	(D)	-	-	-	-	(D)	(D)
3465	Automotive stampings.....	52.1	34.1	49.8	32.4	1.3	.8	1.0	.9
3466	Crowns and closures.....	(D)	(D)	(D)	(D)	-	-	(D)	(D)
3469	Metal stampings, n.e.c.....	270.0	119.9	233.2	100.2	14.0	7.6	22.8	12.0
348	Ordinance and accessories, n.e.c.....	60.1	44.3	28.8	17.0	(D)	(D)	(D)	(D)
3482	Small arms ammunition.....	(D)	(D)	-	-	(D)	(D)	(D)	(D)
3483	Ammunition, except small arms, n.e.c.....	56.2	39.2	28.7	16.8	14.4	17.9	13.1	4.5
3484	Small arms.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3489	Ordinance and accessories, n.e.c.....	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)
349	Miscellaneous fabricated metal products.....	334.3	151.7	249.6	109.3	(D)	(D)	(D)	(D)
3494	Valves and pipe fittings.....	10.2	6.2	-	-	8.9	5.2	1.2	1.0
3495	Wire springs.....	.2	.2	.1	.1	-	-	.1	.1
3496	Miscellaneous fabricated wire products.....	21.3	11.8	1.2	.6	1.3	.6	18.8	10.6
3497	Metal foil and leaf.....	131.5	65.3	131.4	65.3	-	-	-	-
3498	Fabricated pipe and fittings.....	5.9	4.7	.2	.1	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	165.2	63.6	116.7	43.2	40.7	16.5	7.8	3.8
35	Machinery, except electrical.....	451.9	261.6	268.3	133.0	(D)	(D)	(D)	(D)
351	Engines and turbines.....	20.1	4.5	-	-	-	-	20.1	4.5
3511	Turbines and turbines generator sets.....	13.5	1.5	-	-	-	-	13.5	1.5
3519	Internal combustion engines, n.e.c.....	6.6	3.0	-	-	-	-	6.6	3.0
352	Farm and garden machinery.....	15.2	5.9	(D)	(D)	(D)	(D)	(D)	(D)
3523	Farm machinery and equipment.....	10.5	4.4	3.6	1.6	4.6	1.8	2.4	1.0
3524	Lawn and garden equipment.....	4.7	1.4	(D)	(D)	(D)	(D)	(D)	(D)
353	Construction and related machinery.....	20.8	14.1	12.3	7.5	6.5	(D)	2.2	(D)
3531	Construction machinery.....	3.8	2.6	1.9	1.0	1.5	1.1	.4	.5
3532	Mining machinery.....	1.0	.5	.1	.1	.9	.4	-	-
3533	Oilfield machinery.....	.9	1.4	-	-	-	-	.9	1.4
3534	Elevators and moving stairways.....	1.7	.7	.5	.3	1.1	.4	.1	-
3535	Conveyors and conveying equipment.....	5.4	2.8	2.3	1.2	2.4	1.1	.8	.4
3536	Hoists, cranes, and monorails.....	.6	.5	(NA)	.1	.6	.3	-	-
3537	Industrial trucks and tractors.....	7.6	5.6	7.6	4.7	(NA)	(D)	(NA)	(D)

See footnotes at end of table.

TABLE 5C. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Selected Industry Group and Industry: 1972—Continued

1972 code	Industry group and industry	Total		Sheet, plate, and foil (335301, 335303, and 335335)		Extruded shapes (335405)		All other aluminum mill shapes and forms (335001, 335007, and 335008)	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(million pounds)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)
35	Machinery, except electrical--Continued								
354	Metalworking machinery.....	(D)	(D)	(D)	(D)	1.7	3.6	2.8	3.9
3541	Machine tools, metal cutting types.....	1.5	1.5	.8	.5	.6	.6	(NA)	.3
3542	Machine tools, metal forming types.....	(NA)	.9	(NA)	.3	(NA)	.3	(NA)	.2
3544	Special dies, tools, jigs, and fixtures.....	(NA)	5.7	(NA)	2.7	(NA)	1.5	(NA)	1.5
3545	Machine tool accessories.....	.5	.7	.1	.1	.3	.4	(NA)	.3
3546	Power driven handtools.....	(D)	(D)	(D)	(D)	.4	.3	2.3	1.1
3549	Metalworking machinery, n.e.c.....	1.1	1.0	.2	.2	.4	.4	.5	.4
355	Special industry machinery.....	42.3	24.1	19.4	9.8	9.8	5.8	13.1	8.4
3551	Food products machinery.....	4.0	3.0	2.0	1.5	-	-	2.0	1.4
3552	Textile machinery.....	19.7	9.7	6.8	2.4	6.6	4.0	6.3	3.3
3553	Woodworking machinery.....	(NA)	.6	-	-	-	-	(NA)	.6
3555	Printing trades machinery.....	7.1	4.0	5.0	2.5	-	-	2.1	1.5
3559	Special industry machinery, n.e.c.....	11.5	6.7	5.6	3.3	3.2	1.8	2.7	1.6
356	General industrial machinery.....	10.6	20.7	2.9	11.1	2.9	(D)	4.8	(D)
3561	Pumps and pumping equipment.....	(NA)	1.0	-	-	(NA)	.7	(NA)	.2
3563	Air and gas compressors.....	.3	1.4	-	-	.3	.3	(NA)	1.1
3564	Blowers and fans.....	(NA)	8.6	(NA)	7.1	-	-	(NA)	1.4
3565	Industrial patterns.....	(NA)	.7	(NA)	.2	(NA)	.1	(NA)	.4
3567	Industrial furnaces and ovens.....	2.9	1.8	2.9	1.2	(NA)	(D)	(NA)	(D)
3569	General industrial machinery, n.e.c.....	7.4	7.3	(NA)	2.6	2.6	2.2	4.8	2.6
357	Office and computing machines.....	12.9	15.2	(D)	(D)	(D)	(D)	2.6	(D)
3573	Electronic computing equipment.....	8.5	11.3	6.0	3.9	(NA)	3.9	2.6	3.5
3574	Calculating and accounting machines.....	(NA)	.3	(NA)	(D)	(NA)	(D)	(NA)	(D)
3576	Scales and balances, except laboratory.....	.5	.4	(D)	(D)	(D)	(D)	-	-
3579	Office machines, n.e.c. (combined with 3572)...	4.0	3.2	1.4	.7	2.5	2.1	(NA)	.4
358	Refrigeration and service machinery.....	291.6	131.8	219.0	85.0	42.3	25.8	30.2	20.9
3581	Automatic merchandising machines.....	.8	1.9	.8	.5	-	-	(NA)	1.5
3582	Commercial laundry equipment.....	.2	.3	.2	.1	-	-	(NA)	.2
3585	Refrigeration and heating equipment.....	290.2	122.4	218.1	82.2	41.9	25.4	30.2	14.7
3586	Measuring and dispensing pumps.....	.4	.4	-	-	.4	.4	-	-
3589	Service industry machinery, n.e.c.....	(NA)	6.8	(NA)	2.2	-	-	(NA)	4.5
359	Miscellaneous machinery, except electrical...	(D)	(D)	(D)	(D)	1.5	9.4	30.6	16.3
3592	Carburetors, pistons, rings, and valves.....	(D)	(D)	(D)	(D)	1.5	1.2	25.2	10.9
3599	Machinery, except electrical, n.e.c.....	5.4	21.7	(NA)	8.0	(NA)	8.2	5.4	5.4
36	Electric and electronic equipment.....	576.3	296.7	266.7	132.6	147.9	82.4	161.6	81.5
361	Electric distributing equipment.....	106.2	50.5	47.6	20.6	24.2	10.6	34.5	19.2
3612	Transformers.....	57.2	27.8	33.6	13.7	-	-	23.6	14.1
3613	Switchgear and switchboard apparatus.....	49.0	22.7	14.0	7.0	24.1	10.6	10.9	5.1
362	Electrical industrial apparatus.....	53.8	26.7	14.9	7.6	(D)	(D)	(D)	(D)
3621	Motors and generators.....	28.2	13.9	7.2	2.9	8.8	3.1	12.2	.7.9
3622	Industrial controls.....	5.6	3.3	3.0	1.7	.7	.6	1.8	1.0
3623	Welding apparatus, electric.....	3.1	1.9	-	-	-	-	3.1	1.9
3629	Electrical industrial apparatus, n.e.c.....	16.9	7.6	4.7	3.0	(D)	(D)	(D)	(D)
363	Household appliances.....	144.8	57.8	(D)	(D)	(D)	(D)	48.0	16.3
3631	Household cooking equipment.....	5.6	3.5	3.3	1.3	2.3	1.7	(NA)	.5
3632	Household refrigerators and freezers.....	(D)	(D)	27.9	10.3	(D)	(D)	(D)	(D)
3633	Household laundry equipment.....	9.8	2.9	(D)	(D)	(D)	(D)	(D)	(D)
3634	Electric housewares and fans.....	70.2	24.8	45.7	16.9	1.5	1.3	23.0	6.6
3635	Household vacuum cleaners.....	1.2	3.6	1.2	.9	(NA)	1.0	(NA)	1.8
3636	Sewing machines.....	(D)	(D)	-	-	(D)	(D)	(D)	(D)
3639	Household appliances, n.e.c.....	.2	1.4	.2	.1	(NA)	(D)	(NA)	(D)
364	Electric lighting, wiring equipment.....	121.3	59.5	51.1	24.2	59.1	29.7	11.1	5.5
3643	Current-carrying wiring devices.....	29.1	14.2	17.1	7.7	10.1	5.8	1.9	.7
3644	Noncurrent-carrying wiring devices.....	17.2	7.9	5.4	2.3	4.5	2.4	7.4	3.3
3645	Residential lighting fixtures.....	7.4	3.1	4.3	2.1	3.1	1.0	-	-
3646	Commercial lighting fixtures.....	21.8	11.2	8.1	4.3	13.3	6.2	.5	.7
3647	Vehicular lighting equipment.....	3.8	1.8	2.9	1.3	.9	.4	(NA)	.1
3648	Lighting equipment, n.e.c.....	42.0	21.3	13.4	6.7	27.2	13.8	1.3	.8
365	Radio and TV receiving equipment.....	5.5	2.8	2.0	.9	3.0	1.5	.4	.3
3651	Radio and TV receiving sets.....	5.5	2.8	2.0	.9	3.0	1.5	.4	.3
366	Communication equipment.....	74.7	44.4	(D)	(D)	(D)	(D)	(D)	(D)
3661	Telephone and telegraph apparatus.....	13.9	8.1	(D)	(D)	(D)	(D)	(D)	(D)
3662	Radio and TV communication equipment.....	60.8	36.3	27.8	14.5	17.3	11.4	15.8	10.4

See footnotes at end of table.

TABLE 5C. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Selected Industry Group and Industry: 1972—Continued

1972 code	Industry group and industry	Total		Sheet, plate, and foil (335301, 335303, and 335335)		Extruded shapes (335405)		All other aluminum mill shapes and forms (335001, 335007, and 335008)	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(million pounds)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)
36	Electric and electronic equipment--Continued								
367	Electronic components and accessories.....	55.6	46.8	30.0	27.2	(D)	(D)	(D)	(D)
3672	Cathode ray television picture tubes.....	(D)	(D)	(D)	(D)	(D)	(D)	-	-
3673	Electron tubes, transmitting.....	.3	.4	(D)	(D)	(D)	(D)	(D)	(D)
3674	Semiconductors and related devices.....	1.0	.8	.7	.5	.2	.2	.1	.1
3675	Electronic capacitors.....	(D)	(D)	17.8	18.1	1.5	1.3	(D)	(D)
3676	Electronic resistors.....	(NA)	.6	-	-	(NA)	(D)	(NA)	(D)
3677	Electronic coils and transformers.....	(NA)	1.8	(NA)	(D)	(NA)	(D)	(NA)	(D)
3678	Electronic connectors.....	(D)	(D)	(D)	(D)	1.7	1.3	4.6	3.6
3679	Electronic components, n.e.c.....	26.0	15.8	9.8	5.9	10.7	7.0	5.5	3.0
369	Miscellaneous electrical equipment and supplies	14.3	8.2	2.5	1.5	-	-	11.8	6.5
3694	Engine electrical equipment.....	6.6	4.2	2.5	1.5	-	-	4.1	2.7
3699	Electrical equipment and supplies, n.e.c.....	7.7	3.9	-	-	-	-	7.7	3.9
37	Transportation equipment.....	931.2	463.8	551.3	252.8	259.2	157.0	120.8	54.0
371	Motor vehicles and equipment.....	392.3	175.8	219.3	96.2	131.3	56.7	41.7	23.0
3711	Motor vehicles and car bodies.....	38.5	26.0	24.5	12.0	4.0	3.8	10.0	10.2
3713	Truck and bus bodies.....	83.0	38.2	53.0	24.4	23.1	10.2	6.9	3.6
3714	Motor vehicle parts and accessories.....	63.6	28.8	30.8	14.7	9.9	5.9	22.9	8.1
3715	Truck trailers.....	207.2	82.8	111.0	45.0	94.2	36.7	2.0	1.1
372	Aircraft and parts.....	158.5	163.3	88.2	72.0	56.0	71.6	14.3	19.6
3721	Aircraft.....	86.8	83.4	56.6	45.2	25.3	32.3	4.9	6.0
3724	Aircraft engines and engine parts.....	11.0	5.0	.5	.5	1.0	1.3	9.5	3.1
3728	Aircraft equipment, n.e.c.....	60.8	74.8	31.1	26.3	29.7	38.0	(NA)	10.5
373	Ship and boat building and repairing.....	244.2	29.2	160.9	19.5	32.3	8.0	51.0	1.7
3731	Ship building and repairing.....	8.7	7.8	6.7	4.5	1.3	2.0	.7	1.3
3732	Boat building and repairing.....	235.4	21.4	154.2	15.0	31.0	6.0	50.3	.4
374	Railroad equipment.....	5.1	3.4	1.3	1.0	(D)	(D)	(D)	(D)
3743	Railroad equipment.....	5.1	3.4	1.3	1.0	(D)	(D)	(D)	(D)
375	Motorcycles, bicycles, and parts.....	1.6	1.1	(D)	(D)	1.1	.7	(D)	(D)
3751	Motorcycles, bicycles, and parts.....	1.6	1.1	(D)	(D)	1.1	.7	(D)	(D)
376	Guided missiles, space vehicles, and parts...	16.9	14.7	6.7	5.6	(D)	(D)	(D)	(D)
3761	Guided missiles and space vehicles.....	8.4	8.1	4.5	3.6	(D)	(D)	(D)	(D)
3764	Space propulsion units and parts.....	6.5	4.3	.7	.7	1.2	.9	4.6	2.8
3769	Space vehicle equipment, n.e.c.....	2.0	2.3	1.4	1.3	.6	.4	(NA)	.6
379	Miscellaneous transportation equipment.....	112.6	76.4	(D)	(D)	(D)	(D)	(D)	(D)
3792	Travel trailers and campers.....	21.4	37.2	(NA)	26.5	15.7	7.2	5.6	3.4
3795	Tanks and tank components.....	23.5	11.1	(D)	(D)	(D)	(D)	(D)	(D)
3799	Transportation equipment, n.e.c.....	67.7	28.1	54.3	22.6	12.6	5.1	.8	.4
38	Instruments and related products.....	(D)	(D)	(D)	(D)	5.6	5.8	(D)	(D)
381	Engineering and scientific instruments.....	2.9	2.5	1.3	1.0	.7	.8	.8	.6
3811	Engineering and scientific instruments.....	2.9	2.5	1.3	1.0	.7	.8	.8	.6
382	Measuring and controlling devices.....	(D)	(D)	(D)	(D)	4.9	4.0	(D)	(D)
3822	Environmental controls.....	5.6	3.6	3.2	1.6	(D)	(D)	(D)	(D)
3823	Process control instruments.....	2.4	1.6	1.2	.8	.7	.5	.5	.3
3824	Fluid meters and counting devices.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3825	Instruments to measure electricity.....	11.0	4.5	7.5	2.5	2.1	1.6	1.4	.3
3829	Measuring and controlling devices, n.e.c.....	.5	1.6	.5	.4	(NA)	.6	(NA)	.6
383	Optical instruments and lenses.....	(NA)	1.9	-	-	(NA)	1.0	(NA)	.9
3832	Optical instruments and lenses.....	(NA)	1.9	-	-	(NA)	1.0	(NA)	.9
386	Photographic equipment and supplies.....	7.2	5.2	-	-	-	-	7.2	5.2
3861	Photographic equipment and supplies.....	7.2	5.2	-	-	-	-	7.2	5.2
39	Miscellaneous manufacturing industries.....	(D)	(D)	6.5	2.8	10.5	5.9	(D)	(D)
394	Toys and sporting goods.....	20.0	16.8	6.5	2.8	10.5	5.9	3.1	8.1
3944	Games, toys and children's vehicles.....	(NA)	5.1	-	-	-	-	(NA)	5.1
3949	Sporting and athletic goods, n.e.c.....	20.0	11.7	6.5	2.7	10.5	5.9	3.1	3.0
396	Costume jewelry and notions.....	(D)	(D)	-	-	-	-	(D)	(D)
3963	Buttons.....	(D)	(D)	-	-	-	-	(D)	(D)
3964	Needles, pins, and fasteners.....	13.7	8.1	-	-	-	-	13.7	8.1
399	Miscellaneous manufactures.....	(NA)	5.6	-	-	-	-	(NA)	5.6
3999	Manufacturing industries, n.e.c.....	(NA)	5.6	-	-	-	-	(NA)	5.6

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
(S) Withheld because the estimate did not meet publication standards.

TABLE 5D. Consumption of Selected Castings and Forgings by Selected Industry Group and Industry: 1972

1972 code	Industry group and industry	Castings—rough and semifinished								Forgings				Metal powder (339915)	
		Iron—gray and malleable (332011)		Steel (332045)		Aluminum and aluminum-base alloy (336100)		Copper and copper- base alloy (336200)		Iron and steel (346200)		Aluminum and aluminum-base alloy (346310)			
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 s. tons)	(million dollars)	(1,000 s. tons)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)	(1,000 s. tons)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)
	All industries.....	7,301.4	3,150.0	962.4	905.8	1,625.5	1,071.6	241.8	260.6	2,258.4	1,434.0	63.9	81.6	86.6	107.6
34	Fabricated metal products....	308.3	170.3	123.1	133.5	148.9	78.2	115.9	104.0	116.8	98.2	(D)	(D)	(D)	D
342	Outlery, handtools, and hardware.....	(D)	(D)	7.1	8.4	(D)	(D)	8.5	9.1	32.8	31.6	-	-	(D)	(D)
3421	Outlery.....	1.4	.7	-	-	.1	.1	-	-	1.0	.9	-	-	(D)	(D)
3423	Hand and edge tools, n.e.c.....	20.6	15.0	1.7	2.6	5.7	5.8	-	-	31.8	30.7	-	-	(D)	(D)
3425	Handsaws and saw blades.....	(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-	(D)	(D)
3429	Hardware, n.e.c.....	34.8	18.8	5.4	5.8	8.1	6.9	8.5	9.1	-	-	-	-	(D)	D
343	Plumbing and heating, except electric.....	39.6	17.8	.1	.5	3.0	4.7	(D)	(D)	(D)	(D)	-	-	(D)	D
3431	Metal sanitary ware.....	9.0	4.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	D
3432	Plumbing fittings and brass goods	5.6	2.5	(D)	(D)	(D)	(D)	47.6	40.3	-	-	-	-	D	D
3433	Heating equipment, except electric.....	25.0	10.8	-	-	1.5	2.3	(D)	(D)	-	-	-	-	(D)	D
344	Fabricated structural metal products.....	25.6	15.9	(D)	(D)	(D)	(D)	-	-	-	-	-	-	(D)	D
3441	Fabricated structural metal.....	2.6	1.2	12.6	4.5	1.1	.4	-	-	-	-	-	-	(D)	(D)
3442	Metal doors, sash, and trim.....	.8	.9	.2	.1	(NA)	.8	-	-	-	-	-	-	(D)	(D)
3443	Fabricated platework (boiler shops).....	19.2	11.9	12.8	9.4	.3	.4	-	-	-	-	-	-	(D)	D
3444	Sheet metalwork.....	(NA)	.2	(NA)	2.3	(D)	(D)	-	-	-	-	-	-	(D)	D
3446	Architectural metalwork.....	2.6	1.4	(NA)	.7	(NA)	1.0	-	-	-	-	-	-	(D)	D
3448	Prefabricated metal buildings....	.2	.2	-	-	(D)	(D)	-	-	-	-	-	-	(D)	(D)
3449	Miscellaneous metalwork.....	.1	.1	(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
345	Screw machine products, bolts, etc.....	1.4	6.4	1.7	1.6	-	-	-	-	-	-	-	-	(D)	(D)
3451	Screw machine products.....	(NA)	5.6	1.2	1.1	-	-	-	-	-	-	-	-	(D)	(D)
3452	Bolts, nuts, rivets, and washers.	1.4	.8	.5	.5	-	-	-	-	-	-	-	-	(D)	(D)
346	Metal forgings and stampings...	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	-	-	D	D
3462	Iron and steel forgings.....	-	-	-	-	-	-	-	-	-	-	-	-	(D)	(D)
3465	Automotive stampings.....	(D)	(D)	-	-	(D)	(D)	.1	.2	-	-	-	-	(D)	(D)
3469	Metal stampings, n.e.c.....	4.7	4.4	-	-	6.1	4.1	(D)	(D)	-	-	-	-	(D)	(D)
348	Ordnance and accessories, n.e.c.	7.3	4.3	(D)	(D)	D	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)
3483	Ammunition, except small arms, n.e.c.....	6.5	3.6	4.4	2.2	11.2	8.9	-	-	22.8	12.4	8.6	8.4	(D)	(D)
3484	Small arms.....	(D)	(D)	1.1	3.5	.7	1.6	-	-	2.6	5.6	(D)	(D)	(D)	(D)
3489	Ordnance and accessories, n.e.c..	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)
349	Miscellaneous fabricated metal products.....	151.3	79.4	(D)	(D)	(D)	(D)	48.2	45.7	55.1	46.5	(D)	(D)	(D)	(D)
3494	Valves and pipe fittings.....	140.3	72.7	58.3	70.3	15.5	14.6	46.0	43.2	49.2	41.1	-	-	D	(D)
3495	Wire springs.....	-	-	(NA)	(D)	-	-	-	-	-	-	-	-	(D)	(D)
3496	Miscellaneous fabricated wire products.....	-	-	3.8	2.1	-	-	-	-	-	-	-	-	D	(D)
3498	Fabricated pipe and fittings.....	2.6	1.0	(D)	(D)	(D)	(D)	1.1	.9	3.4	3.1	(D)	(D)	-	-
3499	Fabricated metal products, n.e.c.	8.5	5.7	5.5	4.8	4.2	2.1	1.0	1.5	2.5	2.3	.8	.9	-	-
35	Machinery, except electrical.	2,104.9	1,148.7	458.5	465.0	492.7	306.0	79.7	99.2	(D)	(D)	(D)	(D)	29.3	81.3
351	Engines and turbines.....	(D)	(D)	(D)	(D)	(D)	D	(D)	(D)	D	(D)	(D)	(D)	(D)	(D)
3511	Turbines and turbines generator sets.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)
3519	Internal combustion engines, n.e.c.....	425.2	221.8	(D)	(D)	119.0	86.2	4.8	3.7	126.8	56.8	-	-	(D)	(D)
352	Farm and garden machinery.....	350.3	170.2	15.2	11.8	26.1	15.2	-	-	76.0	46.2	-	-	D	(D)
3523	Farm machinery and equipment.....	327.4	160.1	15.2	11.5	7.7	5.8	-	-	72.2	43.3	-	-	(D)	D
3524	Lawn and garden equipment.....	23.0	10.1	(NA)	.3	18.5	9.4	-	-	3.7	2.9	-	-	NA	2.7
353	Construction and related machinery.....	259.2	181.8	240.6	197.3	8.6	21.2	4.3	6.0	332.1	198.8	-	-	-	-
3531	Construction machinery.....	229.2	128.4	182.2	137.2	(NA)	13.1	2.7	3.3	281.7	156.9	-	-	-	-
3532	Mining machinery.....	(NA)	9.8	22.3	21.4	.3	.4	.7	1.0	13.0	11.0	-	-	-	-
3533	Oilfield machinery.....	9.0	6.5	21.4	18.5	-	-	.5	1.0	16.7	14.8	-	-	-	-
3534	Elevators and moving stairways...	11.5	6.0	2.5	2.1	2.8	2.2	-	-	2.1	1.9	-	-	-	-
3535	Conveyors and conveying equipment	9.5	6.1	1.7	2.0	1.7	1.6	-	-	6.3	4.3	-	-	-	-
3536	Hoists, cranes, and monorails....	(NA)	6.4	(NA)	7.8	2.8	2.6	.4	.6	4.7	3.9	-	-	-	-
3537	Industrial trucks and tractors...	(NA)	18.7	10.5	8.3	1.1	1.3	-	-	7.5	6.0	-	-	-	-

See footnotes at end of table.

TABLE 5D. Consumption of Selected Castings and Forgings by Selected Industry Group and Industry: 1972—Continued

1972 code	Industry group and industry	Castings—rough and semifinished								Forgings				Metal powder (339915)	
		Iron—gray and malleable (332011)		Steel (332045)		Aluminum and aluminum-base alloy (336100)		Copper and copper- base alloy (336200)		Iron and steel (346200)		Aluminum and aluminum-base alloy (346310)			
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 s. tons)	(million dollars)	(1,000 s. tons)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)	(1,000 s. tons)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)
35	Machinery, except elec- trical--Continued														
354	Metalworking machinery.....	154.1	94.9	26.5	29.4	47.6	38.3	(D)	(D)	32.8	29.3	-	-	14.4	73.9
3541	Machine tools, metal cutting types.....	69.8	43.6	(NA)	4.4	(NA)	4.1	1.1	1.2	4.7	4.3	-	-	-	-
3542	Machine tools, metal forming types.....	36.5	18.1	11.1	8.7	.7	.8	2.6	2.9	7.5	6.1	-	-	-	-
3544	Special dies, tools, jigs, and fixtures.....	37.2	20.0	5.2	4.9	2.7	5.1	.9	2.1	1.8	2.5	-	-	.5	2.4
3545	Machine tool accessories.....	4.7	3.0	(NA)	2.9	.6	.9	(D)	(D)	2.9	2.5	-	-	11.8	68.0
3546	Power driven handtools.....	(NA)	6.0	2.6	4.1	42.4	26.0	.8	.8	(NA)	1.7	-	-	(D)	(D)
3547	Rolling mill machinery.....	1.9	1.4	5.7	3.3	(NA)	.1	(D)	(D)	15.4	11.7	-	-	-	-
3549	Metalworking machinery, n.e.c....	4.0	2.8	1.9	1.3	1.3	1.3	(NA)	1.4	.5	.5	-	-	(D)	(D)
355	Special industry machinery.....	167.4	99.3	43.3	36.0	31.2	26.8	3.9	5.0	2.1	2.2	-	-	-	-
3551	Food products machinery.....	(NA)	9.0	(NA)	5.2	2.7	3.6	1.4	1.9	-	-	-	-	-	-
3552	Textile machinery.....	50.9	22.4	-	-	15.1	8.2	-	-	-	-	-	-	-	-
3553	Woodworking machinery.....	26.0	11.4	2.3	2.1	4.7	6.9	-	-	2.0	2.2	-	-	-	-
3554	Paper industries machinery.....	8.5	5.0	2.5	2.1	-	-	-	-	-	-	-	-	-	-
3555	Printing trades machinery.....	34.0	20.9	-	-	3.9	2.9	-	-	-	-	-	-	-	-
3559	Special industry machinery, n.e.c.....	48.0	30.7	37.5	26.6	4.8	5.2	2.4	3.0	-	-	-	-	-	-
356	General industrial machinery...	(D)	(D)	(D)	(D)	(D)	(D)	34.1	43.7	(D)	(D)	-	-	9.0	3.8
3561	Pumps and pumping equipment.....	142.2	77.3	20.4	49.9	10.6	12.1	15.2	19.9	7.5	6.3	-	-	-	-
3562	Ball and roller bearings.....	19.4	9.8	5.7	4.9	(D)	(D)	5.3	6.0	29.8	23.0	-	-	1.2	.6
3563	Air and gas compressors.....	(D)	(D)	(D)	(D)	3.2	4.0	2.0	2.5	9.2	16.0	-	-	-	-
3564	Blowers and fans.....	(NA)	9.6	-	-	(NA)	4.1	(NA)	.2	-	-	-	-	-	-
3565	Industrial patterns.....	2.3	2.1	.3	.3	1.9	1.8	.2	.2	-	-	-	-	-	-
3566	Speed changers, drives, and gears	33.5	16.7	4.0	4.4	1.6	1.7	3.5	5.9	19.3	11.3	-	-	1.1	.8
3567	Industrial furnaces and ovens....	-	-	(NA)	3.1	-	-	-	-	(D)	(D)	-	-	-	-
3568	Power transmission equipment, n.e.c.....	78.0	31.8	2.9	2.6	3.1	3.6	2.6	3.5	43.8	22.5	-	-	6.7	2.4
3569	General industrial machinery, n.e.c.....	25.0	15.0	(NA)	6.7	2.4	2.9	5.3	5.6	-	-	-	-	-	-
357	Office and computing machines..	-	-	5.2	5.4	196.6	26.3	-	-	-	-	-	-	-	-
3573	Electronic computing equipment...	-	-	3.7	3.5	11.0	15.4	-	-	-	-	-	-	-	-
3574	Calculating and accounting machines.....	-	-	-	-	(NA)	1.2	-	-	-	-	-	-	-	-
3576	Scales and balances, except laboratory.....	-	-	.4	.5	1.5	1.4	-	-	-	-	-	-	-	-
3579	Office machines, n.e.c. (combined with 3572).....	-	-	1.1	1.4	184.2	8.3	-	-	-	-	-	-	-	-
358	Refrigeration and service machinery.....	279.4	117.7	.1	5.9	(D)	(D)	24.5	23.9	(D)	(D)	-	-	(D)	(D)
3581	Automatic merchandising machines.	.8	.2	-	-	.5	.4	(D)	(D)	-	-	-	-	-	-
3582	Commercial laundry equipment.....	3.9	2.2	-	-	(D)	(D)	(D)	(D)	-	-	-	-	-	-
3585	Refrigeration and heating equipment.....	237.4	100.8	(NA)	5.7	30.8	33.3	(D)	(D)	24.9	14.0	-	-	(D)	(D)
3586	Measuring and dispensing pumps...	14.0	3.8	.1	.2	3.0	2.6	.1	.2	(D)	(D)	-	-	-	-
3589	Service industry machinery, n.e.c.....	23.3	10.7	-	-	4.2	3.6	(NA)	2.4	-	-	-	-	-	-
359	Miscellaneous machinery, except electrical.....	76.8	50.3	20.0	17.3	(NA)	19.0	(NA)	4.3	-	-	-	-	-	-
3592	Carburetors, pistons, rings, and valves.....	34.0	25.7	.5	.7	(NA)	8.9	(NA)	1.5	-	-	-	-	-	-
3599	Machinery, except electrical, n.e.c.....	42.8	24.6	19.5	16.6	(NA)	10.0	(NA)	2.8	-	-	-	-	-	-
36	Electric and electronic equipment.....	248.5	110.9	19.8	22.1	218.4	157.9	25.0	31.9	(D)	(D)	-	-	(NA)	12.3
361	Electric distributing equipment	-	-	3.7	2.4	5.5	5.3	11.2	14.0	-	-	-	-	-	-
3613	Switchgear and switchboard apparatus.....	-	-	3.7	2.4	5.5	5.3	11.2	14.0	-	-	-	-	-	-
362	Electrical industrial apparatus	119.7	54.6	2.9	10.4	24.1	18.0	5.0	6.9	3.6	3.1	-	-	-	-
3621	Motors and generators.....	119.6	54.5	(NA)	7.6	21.6	15.1	1.3	1.9	3.6	3.1	-	-	-	-
3622	Industrial controls.....	-	-	3.0	2.8	2.5	2.8	.2	.5	-	-	-	-	-	-
3623	Welding apparatus, electric.....	-	-	-	-	-	-	3.5	4.5	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5D. Consumption of Selected Castings and Forgings by Selected Industry Group and Industry: 1972—Continued

1972 code	Industry group and industry	Castings—rough and semifinished								Forgings				Metal powder (339915)	
		Iron—gray and malleable (332011)		Steel (332045)		Aluminum and aluminum-base alloy (336100)		Copper and copper- base alloy (336200)		Iron and steel (346200)		Aluminum and aluminum-base alloy (346310)			
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 s. tons)	(million dollars)	(1,000 s. tons)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)	(1,000 s. tons)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)
36	Electric and electronic equipment--Continued														
363	Household appliances.....	84.3	32.8	-	-	(D)	(D)	-	-	(D)	(D)	-	-	-	-
3631	Household cooking equipment.....	4.3	2.7	-	-	3.3	2.3	-	-	-	-	-	-	-	-
3632	Household refrigerators and freezers.....	(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	-	-	-	-
3633	Household laundry equipment.....	44.7	14.1	-	-	11.9	6.7	-	-	-	-	-	-	-	-
3634	Electric housewares and fans.....	(D)	(D)	-	-	29.2	11.2	-	-	-	-	-	-	-	-
3635	Household vacuum cleaners.....	(D)	(D)	-	-	14.1	12.2	-	-	-	-	-	-	-	-
3636	Sewing machines.....	8.1	1.9	-	-	.1	.1	-	-	-	-	-	-	-	-
3639	Household appliances, n.e.c.....	4.4	3.4	-	-	3.4	2.2	-	-	-	-	-	-	-	-
364	Electric lighting and wiring equipment.....	19.6	12.4	(D)	(D)	53.8	39.1	7.4	8.9	-	-	-	-	-	-
3643	Current-carrying wiring devices..	.4	.4	-	-	4.5	5.8	4.3	5.3	-	-	-	-	-	-
3644	Noncurrent-carrying wiring devices.....	10.1	7.8	-	-	9.9	7.7	1.4	1.4	-	-	-	-	-	-
3645	Residential lighting fixtures....	8.4	2.9	(NA)	1.9	12.5	5.2	.5	1.2	-	-	-	-	-	-
3646	Commercial lighting fixtures.....	(NA)	.6	-	-	7.5	4.1	(D)	(D)	-	-	-	-	-	-
3647	Vehicular lighting equipment.....	.4	.4	(D)	(D)	.9	.7	(D)	(D)	-	-	-	-	-	-
3648	Lighting equipment, n.e.c.....	.4	.4	1.3	1.1	18.6	15.7	.6	.6	-	-	-	-	-	-
365	Radio and TV receiving equipment.....	-	-	-	-	3.1	2.5	-	-	-	-	-	-	-	-
3651	Radio and TV receiving sets.....	-	-	-	-	3.1	2.5	-	-	-	-	-	-	-	-
366	Communication equipment.....	-	-	2.5	2.4	32.7	35.2	.7	1.1	-	-	-	-	(NA)	.3
3661	Telephone and telegraph apparatus	-	-	-	-	10.4	11.0	-	-	-	-	-	-	-	-
3662	Radio and TV communication equipment.....	-	-	2.5	2.4	22.2	24.3	.7	1.1	-	-	-	-	(NA)	.3
367	Electronic components and accessories.....	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(NA)	12.0
3673	Electron tubes, transmitting.....	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-
3674	Semiconductors and related devices.....	-	-	(D)	(D)	(D)	(D)	-	-	-	-	-	-	(D)	(D)
3675	Electronic capacitors.....	-	-	-	-	(D)	(D)	-	-	-	-	-	-	(NA)	9.5
3677	Electronic coils and transformers	-	-	(D)	(D)	(D)	(D)	-	-	-	-	-	-	(D)	(D)
3678	Electronic connectors.....	-	-	-	-	(NA)	1.9	(D)	(D)	-	-	-	-	(D)	(D)
3679	Electronic components, n.e.c.....	-	-	.7	2.0	2.5	2.8	.4	.3	-	-	-	-	(D)	(D)
369	Miscellaneous electrical equipment and supplies.....	25.0	11.0	-	-	22.6	15.4	(D)	(D)	-	-	-	-	-	-
3694	Engine electrical equipment.....	25.0	11.0	-	-	22.5	15.4	(D)	(D)	-	-	-	-	-	-
37	Transportation equipment.....	4,639.7	1,720.1	356.8	277.8	709.5	460.6	(D)	(D)	1,359.9	774.5	53.7	68.7	57.3	14.0
371	Motor vehicles and equipment...	(D)	(D)	(D)	(D)	646.2	364.1	(D)	(D)	1,195.9	604.0	(D)	(D)	57.3	14.0
3711	Motor vehicles and car bodies....	(D)	(D)	(D)	(D)	82.3	53.2	(D)	(D)	132.8	48.7	(D)	(D)	-	-
3713	Truck and bus bodies.....	5.2	1.8	7.7	4.2	.7	.6	.2	.3	.7	.3	.5	.1	-	-
3714	Motor vehicle parts and accessories.....	3,870.4	1,425.4	88.6	46.9	562.9	310.0	3.4	3.3	1,059.0	551.9	6.3	5.2	57.3	14.0
3715	Truck trailers.....	6.4	3.7	9.3	7.7	.3	.3	-	-	3.4	3.1	-	-	-	-
372	Aircraft and parts.....	-	-	29.9	75.1	43.2	77.2	.9	1.4	54.1	108.2	22.8	46.3	-	-
3721	Aircraft.....	-	-	1.1	4.7	9.2	19.7	.1	.3	1.3	4.7	12.4	26.2	-	-
3724	Aircraft engines and engine parts	-	-	4.9	49.1	21.6	35.6	.5	.6	29.9	76.9	2.8	3.1	-	-
3728	Aircraft equipment, n.e.c.....	-	-	23.9	21.3	12.4	21.9	.3	.5	22.9	26.6	7.6	17.0	-	-
373	Ship and boat building and repairing.....	-	-	7.4	5.2	1.2	1.3	.3	.5	-	-	-	-	-	-
3731	Ship building and repairing.....	-	-	6.6	4.8	.1	.2	(NA)	(NA)	-	-	-	-	-	-
3732	Boat building and repairing.....	-	-	.8	.4	1.2	1.1	.3	.5	-	-	-	-	-	-
374	Railroad equipment.....	72.2	66.1	179.0	107.4	4.4	4.6	-	-	92.2	46.6	-	-	-	-
3743	Railroad equipment.....	72.2	66.1	179.0	107.4	4.4	4.6	-	-	92.2	46.6	-	-	-	-
375	Motorcycles, bicycles, and parts.....	-	-	3.6	2.6	(D)	(D)	-	-	5.6	5.9	-	-	-	-
3751	Motorcycles, bicycles, and parts.	-	-	3.6	2.6	(D)	(D)	-	-	5.6	5.9	-	-	-	-
376	Guided missiles, space vehicles, and parts.....	-	-	(D)	(D)	2.4	4.6	(D)	(D)	1.3	5.4	1.7	5.5	(D)	(D)
3761	Guided missiles and space vehicles.....	-	-	.2	.4	2.1	2.8	-	-	(D)	(D)	(D)	(D)	-	-
3764	Space propulsion units and parts.	-	-	(D)	(D)	.3	1.3	(D)	(D)	(D)	(D)	(D)	(D)	-	-
3769	Space vehicle equipment, n.e.c....	-	-	(D)	(D)	(NA)	.5	-	-	(NA)	.9	(NA)	1.3	(D)	(D)

See footnotes at end of table.

TABLE 5D. Consumption of Selected Castings and Forgings by Selected Industry Group and Industry: 1972—Continued

1972 code	Industry group and industry	Castings—rough and semifinished								Forgings				Metal powder (339915)	
		Iron—gray and malleable (332011)		Steel (332045)		Aluminum and aluminum-base alloy (336100)		Copper and copper- base alloy (336200)		Iron and steel (346200)		Aluminum and aluminum-base alloy (346310)			
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 s. tons)	(million dollars)	(1,000 s. tons)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)	(1,000 s. tons)	(million dollars)	(million pounds)	(million dollars)	(million pounds)	(million dollars)
37	Transportation equipment--Con.														
379	Miscellaneous transportation equipment.....	(D)	(D)	(D)	(D)	(D)	(D)	-	-	10.9	4.4	(D)	(D)	(D)	(D)
3792	Travel trailers and campers.....	-	-	(NA)	2.2	(NA)	.3	-	-	-	-	-	-	(D)	(D)
3795	Tanks and tank components.....	(D)	(D)	(D)	(D)	(D)	(D)	-	-	7.1	2.6	(D)	(D)	(D)	(D)
3799	Transportation equipment, n.e.c..	-	-	-	-	5.4	.3	-	-	3.7	1.8	-	-	(D)	(D)
38	Instruments and related products.....	-	-	4.2	7.4	39.8	63.7	(D)	(D)	-	-	-	-	(D)	(D)
381	Engineering and scientific instruments.....	-	-	(NA)	1.7	4.3	3.3	(NA)	.8	-	-	-	-	(D)	(D)
3811	Engineering and scientific instruments.....	-	-	(NA)	1.7	4.3	3.3	(NA)	.8	-	-	-	-	(D)	(D)
382	Measuring and controlling devices.....	-	-	4.2	5.2	35.5	29.6	(D)	(D)	-	-	-	-	(D)	(D)
3822	Environmental controls.....	-	-	.3	.3	10.2	6.0	(D)	(D)	-	-	-	-	(D)	(D)
3823	Process control instruments.....	-	-	2.4	2.4	4.9	4.4	.7	1.0	-	-	-	-	(D)	(D)
3824	Fluid meters and counting devices	-	-	.5	.8	15.6	15.3	12.1	12.3	-	-	-	-	(D)	(D)
3825	Instruments to measure electricity.....	-	-	.1	.4	4.2	2.9	-	-	-	-	-	-	(D)	(D)
3829	Measuring and controlling devices, n.e.c.....	-	-	.8	1.3	.6	1.0	.8	1.0	-	-	-	-	(D)	(D)
383	Optical instruments and lenses.	-	-	(NA)	.5	(NA)	1.8	-	-	-	-	-	-	(D)	(D)
3832	Optical instruments and lenses...	-	-	(NA)	.5	(NA)	1.8	-	-	-	-	-	-	(D)	(D)
386	Photographic equipment and supplies.....	-	-	-	-	(NA)	29.0	-	-	-	-	-	-	(D)	(D)
3861	Photographic equipment and supplies.....	-	-	-	-	(NA)	29.0	-	-	-	-	-	-	(D)	(D)
39	Miscellaneous manufacturing industries.....	-	-	-	-	4.8	4.7	1.4	2.9	-	-	-	-	(D)	(D)
394	Toys and sporting goods.....	-	-	-	-	4.8	4.7	-	-	-	-	-	-	(D)	(D)
3949	Sporting and athletic goods, n.e.c.....	-	-	-	-	4.8	4.7	-	-	-	-	-	-	(D)	(D)
399	Miscellaneous manufactures.....	-	-	-	-	-	-	1.4	2.9	-	-	-	-	(D)	(D)
3999	Manufacturing industries, n.e.c..	-	-	-	-	-	-	1.4	2.9	-	-	-	-	(D)	(D)

- Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5E. Consumption of Pig Iron and Nonferrous Refinery Shapes by Selected Industry Group and Industry: 1972

1972 code	Industry group and industry	Pig iron (331051)		Nonferrous refinery shapes					
				Copper and copper-base alloy (333113, 333122, 333125, and 334123)		Zinc and zinc-base alloy (333341 and 333348)		Aluminum and aluminum-base alloy (333401, 333402, 333405, 333405, and 333471)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	All industries, total.....	12,983.2	791.6	2,031.3	1,958.5	1,093.7	412.9	4,589.0	2,235.3
28	Chemicals and allied products.....	-	-	-	-	(D)	(D)	-	-
281	Industrial inorganic chemicals.....	-	-	-	-	(D)	(D)	-	-
2819	Industrial inorganic chemicals, n.e.c.....	-	-	-	-	(D)	(D)	-	-
33	Primary metal industries.....	12,593.4	753.7	1,938.1	1,857.0	915.1	341.1	4,253.6	2,068.4
331	Blast furnace and basic steel products.....	9,147.7	500.0	20.7	21.6	305.9	109.3	89.8	43.2
3312	Blast furnaces and steel mills.....	9,147.7	500.0	9.1	8.2	282.1	101.4	89.8	43.2
3315	Steel wire and related products.....	-	-	11.7	13.4	23.7	7.9	-	-
332	Iron and steel foundries.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3321	Gray iron foundries.....	3,327.4	243.3	7.8	8.3	.2	.1	6.2	3.0
3322	Malleable iron foundries.....	70.8	5.6	.3	.4	(D)	(D)	.5	.3
3324	Steel investment foundries.....	(D)	(D)	(D)	(D)	-	-	(D)	(D)
3325	Steel foundries, n.e.c.....	37.2	2.9	2.8	3.0	-	-	4.9	2.3
333	Primary nonferrous metals.....	-	-	(D)	(D)	99.4	34.1	-	-
3331	Primary copper.....	-	-	(D)	(D)	-	-	-	-
3333	Primary zinc.....	-	-	-	-	99.4	34.1	-	-
334	Secondary nonferrous metals.....	-	-	20.6	18.1	73.3	26.2	43.9	19.2
3341	Secondary nonferrous metals.....	-	-	20.6	18.1	73.3	26.2	43.9	19.2
335	Nonferrous rolling and drawing.....	-	-	1,779.2	1,695.7	(D)	(D)	(D)	(D)
3351	Copper rolling and drawing.....	-	-	1,318.8	1,232.6	138.0	50.8	36.7	25.8
3353	Aluminum sheet, plate, and foil.....	-	-	5.3	5.7	2.9	1.1	2,318.8	1,073.2
3354	Aluminum extruded products.....	-	-	(D)	(D)	-	-	871.5	426.7
3355	Aluminum rolling and drawing, n.e.c.....	-	-	(D)	(D)	(D)	(D)	(D)	(D)
3356	Nonferrous rolling and drawing, n.e.c.....	-	-	17.2	20.0	38.9	13.9	6.1	3.6
3357	Nonferrous wiredrawing and insulating.....	-	-	429.2	434.1	-	-	-	-
336	Nonferrous foundries.....	(D)	(D)	103.6	107.9	255.4	105.3	580.9	288.1
3361	Aluminum foundries.....	13.2	1.0	10.5	10.4	56.2	23.0	563.7	268.8
3362	Brass, bronze, and copper foundries.....	(D)	(D)	93.1	95.7	2.0	.8	17.1	9.0
3369	Nonferrous foundries, n.e.c.....	(D)	(D)	(NA)	1.7	197.2	81.5	(NA)	10.4
34	Fabricated metal products.....	(D)	(D)	(D)	(D)	(D)	(D)	162.2	79.5
342	Cutlery, handtools, and hardware.....	-	-	8.1	7.0	105.4	42.9	2.9	1.4
3429	Hardware, n.e.c.....	-	-	8.1	7.0	105.4	42.9	2.9	1.4
343	Plumbing and heating, except electric.....	(D)	(D)	(D)	(D)	-	-	(D)	(D)
3431	Metal sanitary ware.....	54.5	4.2	(D)	(D)	-	-	-	-
3432	Plumbing fittings and brass goods.....	(D)	(D)	(NA)	15.5	-	-	(D)	(D)
3433	Heating equipment, except electric.....	26.3	2.0	-	-	-	-	-	-
344	Fabricated structural metal products.....	-	-	-	-	32.1	11.4	(D)	(D)
3441	Fabricated structural metal.....	-	-	-	-	23.1	6.1	1.3	1.0
3442	Metal doors, sash, and trim.....	-	-	-	-	.3	.4	132.8	63.7
3443	Fabricated platework (boiler shops).....	-	-	-	-	-	-	-	-
3444	Sheet metalwork.....	-	-	-	-	7.6	2.7	(D)	(D)
3446	Architectural metalwork.....	-	-	-	-	(D)	(D)	(D)	(D)
3448	Prefabricated metal buildings.....	-	-	-	-	-	-	(D)	(D)
3449	Miscellaneous metalwork.....	-	-	-	-	(D)	(D)	(D)	(D)
346	Metal forgings and stampings.....	-	-	-	-	(D)	(D)	-	-
3465	Automotive stampings.....	-	-	-	-	(NA)	5.0	-	-
3469	Metal stampings, n.e.c.....	-	-	-	-	(D)	(D)	-	-
349	Miscellaneous fabricated metal products.....	86.3	6.0	61.7	58.8	-	-	5.6	4.1
3494	Valves and pipe fittings.....	86.3	6.0	61.7	58.8	-	-	2.6	1.6
3499	Fabricated metal products, n.e.c.....	-	-	-	-	-	-	2.9	2.4
35	Machinery, except electrical.....	(D)	(D)	(D)	(D)	-	-	(D)	(D)
351	Engines and turbines.....	-	-	-	-	-	-	(D)	(D)
3511	Turbines and turbine generator sets.....	-	-	-	-	-	-	(D)	(D)
3519	Internal combustion engines, n.e.c.....	-	-	-	-	-	-	(D)	(D)
352	Farm and garden machinery.....	47.9	4.1	-	-	-	-	-	-
3523	Farm machinery and equipment.....	47.9	4.1	-	-	-	-	-	-
3524	Lawn and garden equipment.....	-	-	-	-	-	-	-	-
353	Construction and related machinery.....	21.8	1.7	-	-	-	-	-	-
3531	Construction machinery.....	16.1	1.3	-	-	-	-	-	-
3532	Mining machinery.....	5.7	.4	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5E Consumption of Pig Iron and Nonferrous Refinery Shapes by Selected Industry Group and Industry: 1972—Con.

1972 code	Industry group and industry	Pig iron (331051)		Nonferrous refinery shapes					
				Copper and copper-base alloy (333113, 333122, 333125, and 334123)		Zinc and zinc-base alloy (333341 and 333348)		Aluminum and aluminum-base alloy (333401, 333402, 333405, 333406, and 333471)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
35	Machinery, except electrical--Continued								
355	Special industry machinery.....	(D)	(D)	-	-	-	-	-	-
3552	Textile machinery.....	7.2	.5	-	-	-	-	-	-
3554	Paper industries machinery.....	(D)	(D)	-	-	-	-	-	-
3559	Special industry machinery, n.e.c.....	11.7	.9	-	-	-	-	-	-
356	General industrial machinery.....	6.1	9.7	(D)	(D)	-	-	-	-
3561	Pumps and pumping equipment.....	(NA)	7.7	2.6	2.5	-	-	-	-
3562	Ball and roller bearings.....	-	-	(D)	(D)	-	-	-	-
3563	Air and gas compressors.....	(NA)	.5	-	-	-	-	-	-
3566	Speed changers, drives, and gears.....	-	-	.3	.6	-	-	-	-
3568	Power transmission equipment, n.e.c.....	-	-	4.3	4.1	-	-	-	-
3569	General industrial machinery, n.e.c.....	6.1	1.5	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	12.9	9.6	25.1	9.2	79.4	41.8
361	Electric distributing equipment.....	-	-	-	-	-	-	(D)	(D)
3612	Transformers.....	-	-	-	-	-	-	(D)	(D)
362	Electrical industrial apparatus.....	-	-	5.0	1.8	-	-	21.0	8.5
3621	Motors and generators.....	-	-	5.0	1.8	-	-	21.0	8.5
364	Electric lighting and wiring equipment.....	-	-	7.9	7.8	25.1	9.2	17.2	8.2
3643	Current-carrying wire devices.....	-	-	4.5	5.2	-	-	(D)	(D)
3644	Noncurrent-carrying wiring devices.....	-	-	3.4	2.6	25.1	9.2	6.6	3.1
3645	Residential lighting fixtures.....	-	-	-	-	-	-	(NA)	.3
3646	Commercial lighting fixtures.....	-	-	-	-	-	-	(D)	(D)
3648	Lighting equipment, n.e.c.....	-	-	-	-	-	-	(D)	(D)
369	Miscellaneous electrical equipment and supplies.....	-	-	-	-	-	-	(D)	(D)
3694	Engine electrical equipment.....	-	-	-	-	-	-	(D)	(D)
37	Transportation equipment.....	(D)	(D)	-	-	-	-	(D)	(D)
371	Motor vehicles and equipment.....	(D)	(D)	-	-	-	-	(D)	(D)
3711	Motor vehicles and car bodies.....	(D)	(D)	-	-	-	-	(D)	(D)
3713	Truck and bus bodies.....	-	-	-	-	-	-	(D)	(D)
3714	Motor vehicle parts and accessories.....	60.0	4.5	-	-	-	-	38.3	15.9

- Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5F. Consumption of Metal Scrap by Selected Industry Group and Industry: 1972

1972 code	Industry group and industry	Iron and steel (999811)		Copper and copper-base alloy (999812)		Aluminum and aluminum-base alloy (999808, 999809, and 999810)	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)
	All industries, total.....	47,042.5	1,566.9	1,178.9	927.7	1,491.7	462.3
33	Primary metal industries.....	44,784.5	1,470.8	1,151.4	907.9	1,403.9	438.6
331	Blast furnace and basic steel products.....	34,005.5	1,045.6	-	-	70.3	1.9
3312	Blast furnaces and steel mills.....	33,446.0	1,030.4	-	-	70.3	1.9
3313	Electrometallurgical products.....	558.4	14.9	-	-	-	-
3317	Steel pipe and tubes.....	1.2	.2	-	-	-	-
332	Iron and steel foundries.....	10,767.8	421.5	1.3	1.2	(D)	(D)
3321	Gray iron foundries.....	8,414.7	328.9	1.0	.9	1.7	.6
3322	Malleable iron foundries.....	917.8	35.0	-	-	(D)	(D)
3324	Steel investment foundries.....	136.0	6.3	-	-	-	-
3325	Steel foundries, n.e.c.....	1,299.3	51.3	.3	.2	.2	.1
333	Primary nonferrous metals.....	-	-	40.3	38.4	-	-
3331	Primary copper.....	-	-	37.8	35.8	-	-
3334	Primary aluminum.....	-	-	2.5	2.5	-	-
334	Secondary nonferrous metals.....	-	-	416.4	323.9	828.6	227.0
3341	Secondary nonferrous metals.....	-	-	416.4	323.9	828.6	227.0

See footnotes at end of table.

TABLE 5F. Consumption of Metal Scrap by Selected Industry Group and Industry: 1972—Continued

1972 code	Industry group and industry	Iron and steel (999811)		Copper and copper-base alloy (999812)		Aluminum and aluminum-base alloy (999808, 999809, and 999810)	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)
33	Primary metal industries--Continued						
335	Nonferrous rolling and drawing.....	-	-	(D)	(D)	(D)	(D)
3351	Copper rolling and drawing.....	-	-	638.4	508.5	24.7	21.1
3353	Aluminum sheet, plate, and foil.....	-	-	(D)	(D)	274.5	108.1
3354	Aluminum extruded products.....	-	-	(D)	(D)	100.8	42.2
3355	Aluminum rolling and drawing, n.e.c.....	-	-	.9	.9	10.3	4.8
3356	Nonferrous rolling and drawing, n.e.c.....	-	-	-	-	(D)	(D)
3357	Nonferrous wire drawing and insulating.....	-	-	(D)	(D)	-	-
336	Nonferrous foundries.....	11.2	3.7	(D)	(D)	(D)	(D)
3361	Aluminum foundries.....	(NA)	.1	1.7	1.1	73.9	27.2
3362	Brass, bronze, and copper foundries.....	(D)	(D)	49.7	32.2	(D)	(D)
3369	Nonferrous foundries, n.e.c.....	(D)	(D)	(D)	(D)	-	-
34	Fabricated metal products.....	877.6	40.6	(D)	(D)	26.7	8.8
343	Plumbing and heating, except electric.....	(D)	(D)	(D)	(D)	-	-
3431	Metal sanitary ware.....	192.2	7.5	-	-	-	-
3432	Plumbing fittings and brass goods.....	(D)	(D)	(D)	(D)	-	-
3433	Heating equipment, except electric.....	95.5	3.9	-	-	-	-
344	Fabricated structural metal products.....	(D)	(D)	-	-	26.7	8.8
3441	Fabricated structural metal.....	157.3	6.4	-	-	-	-
3442	Metal doors, sash, and trim.....	(D)	(D)	-	-	(D)	(D)
3443	Fabricated platework (boiler shops).....	32.9	2.4	-	-	-	-
3444	Sheet metalwork.....	(NA)	.8	-	-	(D)	(D)
3446	Architectural metalwork.....	(D)	(D)	-	-	(D)	(D)
3449	Miscellaneous metalwork.....	(D)	(D)	-	-	-	-
349	Miscellaneous fabricated metal products.....	268.8	12.8	19.3	14.2	-	-
3494	Valves and pipe fittings.....	268.8	12.8	19.3	14.2	-	-
3499	Fabricated metal products, n.e.c.....	-	-	-	-	-	-
35	Machinery, except electrical.....	692.5	30.3	3.1	1.6	(D)	(D)
351	Engines and turbines.....	-	-	-	-	(D)	(D)
3511	Turbines and turbine generator sets.....	-	-	-	-	(D)	(D)
3519	Internal combustion engines, n.e.c.....	-	-	-	-	(D)	(D)
352	Farm and garden machinery.....	238.1	9.4	-	-	-	-
3523	Farm machinery and equipment.....	238.1	9.4	-	-	-	-
353	Construction and related machinery.....	156.3	7.0	-	-	-	-
3531	Construction machinery.....	143.2	6.2	-	-	-	-
3532	Mining machinery.....	13.2	.6	-	-	-	-
354	Metalworking machinery.....	(D)	(D)	-	-	-	-
3541	Machine tools, metal cutting types.....	20.1	.9	-	-	-	-
3542	Machine tools, metal forming types.....	(D)	(D)	-	-	-	-
3547	Rolling mill machinery.....	53.2	1.9	-	-	-	-
3549	Metalworking machinery, n.e.c.....	(D)	(D)	-	-	-	-
355	Special industry machinery.....	(D)	(D)	-	-	-	-
3552	Textile machinery.....	17.4	.8	-	-	-	-
3554	Paper industries machinery.....	(D)	(D)	-	-	-	-
3559	Special industry machinery, n.e.c.....	53.0	2.0	-	-	-	-
356	General industrial machinery.....	122.0	6.8	3.1	1.6	-	-
3561	Pumps and pumping equipment.....	18.7	.9	-	-	-	-
3562	Ball and roller bearings.....	(D)	(D)	-	-	-	-
3563	Air and gas compressors.....	14.6	.7	-	-	-	-
3564	Blowers and fans.....	(D)	(D)	-	-	-	-
3566	Speed changers, drives, and gears.....	23.1	.8	.1	(Z)	-	-
3568	Power transmission equipment, n.e.c.....	49.4	3.3	3.0	1.5	-	-
3569	General industrial machinery, n.e.c.....	(D)	(D)	-	-	-	-
358	Refrigeration and service machinery.....	(D)	(D)	-	-	-	-
3585	Refrigeration and heating equipment.....	(D)	(D)	-	-	-	-
3586	Measuring and dispensing pumps.....	(Z)	(Z)	-	-	-	-
36	Electric and electronic equipment.....	(D)	(D)	(D)	(D)	(D)	(D)
363	Household appliances.....	(D)	(D)	-	-	(D)	(D)
3634	Electric housewares and fans.....	(D)	(D)	-	-	-	-
3635	Household vacuum cleaners.....	-	-	-	-	(D)	(D)
364	Electric lighting and wiring equipment.....	-	-	(D)	(D)	.5	.2
3643	Current-carrying wiring devices.....	-	-	(D)	(D)	(D)	(D)
3644	Noncurrent-carrying wiring devices.....	-	-	-	-	(D)	(D)
37	Transportation equipment.....	(D)	(D)	-	-	(D)	(D)
371	Motor vehicles and equipment.....	(D)	(D)	-	-	(D)	(D)
3711	Motor vehicles and car bodies.....	(D)	(D)	-	-	-	-
3713	Truck and bus bodies.....	1.9	.2	-	-	(D)	(D)
3714	Motor vehicle parts and accessories.....	403.0	16.2	-	-	(D)	(D)
3715	Truck trailers.....	(D)	(D)	-	-	-	-
379	Miscellaneous transportation equipment.....	7.8	.5	-	-	-	-
3792	Travel trailers and campers.....	.1	.1	-	-	-	-
3795	Tanks and tank components.....	7.7	.4	-	-	-	-

- Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

SECTION I—Continued

CHAPTER 6. **Engines, Motors, Bearings, Electron Tubes, and Semiconductors**

This chapter presents data on gasoline and diesel engines, motors, and generators (timing, synchronous, subsynchronous, fractional, and integral horsepower), ball bearings, roller bearings, electron tubes, and solid state semiconductors consumed. The tables present data for consumption of these components by industry.

The consumption figures for the parts and components shown account for most of the amounts used by establishments classified in manufacturing. The shipments figures for these items, however, also include amounts for exports, for use in nonmanufacturing activities, and for replacement and repair.

TABLE 6A. Internal Combustion Engines by Selected Industry: 1972

1972 code	Industry	Gasoline engines (351901)		Diesel engines (351920)		1972 code	Industry	Gasoline engines (351901)		Diesel engines (351920)	
		Number	Delivered cost	Number	Delivered cost			Number	Delivered cost	Number	Delivered cost
		(1,000)	(million dollars)	(1,000)	(million dollars)			(1,000)	(million dollars)	(1,000)	(million dollars)
	All industries, total....	4,854.7	363.0	296.8	413.2	35	Machinery, except electrical--continued				
35	Machinery, except electrical.....	4,731.5	272.0	(D)	(D)	358	Refrigeration and service machinery.....	(D)	(D)	-	-
352	Farm and garden machinery....	(D)	(D)	(D)	(D)	3586	Measuring and dispensing pumps.	(D)	(D)	-	-
3523	Farm machinery and equipment...	(D)	(D)	115.2	106.3						
3524	Lawn and garden equipment.....	(D)	(D)	(D)	(D)	36	Electric and electronic equipment.....	62.8	7.6	1.7	17.5
353	Construction and related machinery.....	108.0	46.8	71.5	224.4	362	Electrical industrial apparatus.....	62.8	7.6	(NA)	17.3
3531	Construction machinery.....	66.4	25.1	69.2	209.9	3621	Motors and generators.....	62.8	7.6	(NA)	17.3
3532	Mining machinery.....	.8	.5	1.0	4.8						
3533	Oilfield machinery.....	-	-	1.2	9.1	37	Transportation equipment...	60.4	83.4	(D)	(D)
3534	Elevators and moving stairways.	.1	(Z)	-	-						
3535	Conveyors and conveying equipment.....	(NA)	.5	-	-	373	Ship and boat building and repairing.....	60.4	83.4	4.6	44.4
3536	Hoists, cranes, and monorails..	1.2	.9	.1	.6	3731	Ship building and repairing....	.9	1.8	2.6	37.1
3537	Industrial trucks and tractors.	39.6	19.9	-	-	3732	Boat building and repairing....	59.5	81.6	2.0	7.3
356	General industrial machinery	99.2	20.4	5.6	16.3	374	Railroad equipment.....	-	-	(D)	(D)
3561	Pumps and pumping equipment....	72.3	6.9	1.5	4.2	3743	Railroad equipment.....	-	-	(D)	(D)
3563	Air and gas compressors.....	26.9	13.3	4.1	12.0						

- Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half the unit of measurement shown.

TABLE 6B. Cost of Roller and Ball Bearings by Selected Industry: 1972

1972 code	Industry	Delivered cost (million dollars)			1972 code	Industry	Delivered cost (million dollars)		
		Total	Roller bearings (356200 and 356201)	Ball bearings (356218)			Total	Roller bearings (356200 and 356201)	Ball bearings (356218)
	All industries, total.....	664.3	347.0	317.3	35	Machinery, except electrical--Con.			
34	Fabricated metal products.....	(D)	.1	(D)	354	Metalworking machinery.....	36.5	14.1	22.4
343	Plumbing and heating, except electric.	.3	.1	.2	3541	Machine tools, metal cutting types.....	13.2	3.6	9.6
3433	Heating equipment, except electric.....	.3	.1	.2	3542	Machine tools, metal forming types.....	3.7	2.8	.9
					3544	Special dies, tools, jigs, and fixtures.	2.5	(¹)	(¹)
348	Ordnance and accessories, n.e.c.....	(D)	-	(D)	3545	Machine tool accessories.....	1.4	.6	.8
3483	Ammunition, except for small arms, n.e.c.	(D)	-	(D)	3546	Power driven handtools.....	11.6	2.0	9.6
3484	Small arms.....	(D)	-	(D)	3547	Rolling mill machinery.....	3.0	2.7	.3
3489	Ordnance and accessories, n.e.c.....	(D)	-	(D)	3549	Metalworking machinery, n.e.c.....	1.1	(¹)	(¹)
35	Machinery, except electrical.....	(D)	156.3	(D)	355	Special industry machinery.....	36.9	15.5	21.4
351	Engines and turbines.....	(D)	11.5	(D)	3551	Food products machinery.....	4.2	1.8	2.4
3511	Turbines and turbine generator sets.....	(D)	-	(D)	3552	Textile machinery.....	6.1	1.7	4.4
3519	Internal combustion engines, n.e.c.....	20.0	11.5	8.5	3553	Woodworking machinery.....	5.3	2.5	2.8
352	Farm and garden machinery.....	59.0	22.2	36.8	3554	Paper industries machinery.....	4.1	2.3	1.8
3523	Farm machinery and equipment.....	50.5	20.0	30.5	3555	Printing trades machinery.....	5.5	1.4	4.1
3524	Lawn and garden equipment.....	8.5	2.2	6.3	3559	Special industry machinery, n.e.c.....	11.7	5.8	5.9
353	Construction and related machinery....	97.6	52.5	45.1	356	General industrial machinery.....	76.1	32.3	43.8
3531	Construction machinery.....	51.4	31.5	19.9	3561	Pumps and pumping equipment.....	15.1	6.4	8.7
3532	Mining machinery.....	8.8	5.5	3.3	3562	Ball and roller bearings.....	30.8	11.6	19.2
3533	Oilfield machinery.....	9.6	2.7	6.9	3563	Air and gas compressors.....	4.3	1.9	2.4
3534	Elevators and moving stairways.....	2.1	.6	1.5	3564	Blowers and fans.....	5.0	1.2	3.8
3535	Conveyors and conveying equipment.....	12.5	4.0	8.5	3566	Speed changers, drives, and gears.....	8.8	6.2	2.6
3536	Hoists, cranes, and monorails.....	4.3	(¹)	(¹)	3568	Power transmission equipment, n.e.c....	9.9	4.3	5.6
3537	Industrial trucks and tractors.....	8.9	5.6	3.3	3569	General industrial machinery, n.e.c.....	2.2	.7	1.5

See footnotes at end of table.

TABLE 6B. Cost of Roller and Ball Bearings by Selected Industry: 1972—Continued

1972 code	Industry	Delivered cost (million dollars)			1972 code	Industry	Delivered cost (million dollars)		
		Total	Roller bearings (356200 and 356201)	Ball bearings (356218)			Total	Roller bearings (356200 and 356201)	Ball bearings (356218)
35	Machinery, except electrical--Con.				37	Transportation equipment--Continued			
357	Office and computing machines.....	8.3	2.4	5.9	372	Aircraft and parts.....	34.0	15.2	18.8
3573	Electronic computing equipment.....	5.2	1.5	3.7	3721	Aircraft.....	5.0	1.7	3.3
3574	Calculating and accounting machines.....	.9	(¹)	(¹)	3724	Aircraft engines and engine parts.....	14.1	6.4	7.7
3576	Scales and balances, except laboratory..	.2	(¹)	(¹)	3728	Aircraft equipment, n.e.c.....	14.9	7.1	7.8
3579	Office machines, n.e.c. (combined with 3572).....	2.0	.5	1.5	375	Motorcycles, bicycles, and parts.....	1.9	.2	1.7
358	Refrigeration and service machinery...	29.2	5.8	23.4	3751	Motorcycles, bicycles, and parts.....	1.9	.2	1.7
3585	Refrigeration and heating equipment.....	28.7	5.8	22.9	376	Guided missiles, space vehicles, and parts.....	(D)	(D)	(D)
3586	Measuring and dispensing pumps.....	.5	(¹)	(¹)	3761	Guided missiles and space vehicles.....	.8	(¹)	(¹)
36	Electric and electronic equipment...	39.7	5.4	34.3	3764	Space propulsion units and parts.....	.2	.1	.1
362	Electrical industrial apparatus.....	21.5	1.5	20.0	3769	Space vehicle equipment, n.e.c.....	(D)	(D)	(D)
3621	Motors and generators.....	21.5	1.5	20.0	379	Miscellaneous transportation equipment	(D)	(D)	(D)
369	Miscellaneous electrical equipment and supplies.....	18.2	3.9	14.3	3795	Tanks and tank components.....	(D)	(D)	(D)
3694	Engine electrical equipment.....	18.2	3.9	14.3	3799	Transportation equipment, n.e.c.....	3.4	1.4	2.0
37	Transportation equipment.....	254.4	184.6	69.9	38	Instruments, related products.....	4.3	.7	3.7
371	Motor vehicles and equipment.....	212.9	167.5	45.4	381	Engineering and scientific instruments	3.0	.7	2.3
3711	Motor vehicles and car bodies.....	48.4	(¹)	(¹)	3811	Engineering and scientific instruments..	3.0	.7	2.3
3713	Truck and bus bodies.....	.3	.2	.1	382	Measuring and controlling devices.....	1.3	.0	1.3
3714	Motor vehicle parts and accessories.....	162.7	133.3	29.4	3822	Environmental controls.....	-	-	-
3715	Truck trailers.....	1.5	(¹)	(¹)	3823	Process control instruments.....	.3	(¹)	(¹)
					3824	Fluid meters and counting devices.....	.3	-	.3
					3825	Instruments to measure electricity.....	.3	-	.3
					3829	Measuring and controlling devices, n.e.c.	.4	-	.4

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

¹No individual cost available.

TABLE 6C. Electric Motors and Generators Consumed by Selected Industry: 1972

1972 code	Industry	Timing motors, synchronous and subsynchronous (362110)		All other fractional horsepower motors (362115)		Integral horsepower motors and generators (362120)	
		Number	Value	Number	Value	Number	Value
		(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
	All industries, total.....	27,622.5	159.9	113,608.4	645.9	5,152.9	540.5
34	Fabricated metal products.....	(NA)	3.1	1,583.5	17.2	31.1	2.8
343	Plumbing and heating, except electric.....	(NA)	3.1	1,583.5	17.2	31.1	2.8
3433	Heating equipment, except electric.....	(NA)	3.1	1,583.5	17.2	31.1	2.8
35	Machinery, except electrical.....	10,810.2	86.7	(D)	(D)	2,076.7	474.8
351	Engines and turbines.....	-	-	-	-	(D)	(D)
3511	Turbines and turbine generator sets.....	-	-	-	-	(D)	(D)
3519	Internal combustion engines, n.e.c.....	-	-	-	-	(NA)	11.4
352	Farm and garden machinery.....	-	-	241.5	7.1	(D)	(D)
3523	Farm machinery and equipment.....	-	-	241.5	5.6	141.4	10.0
3524	Lawn and garden equipment.....	-	-	(NA)	1.6	(D)	(D)
353	Construction and related machinery.....	-	-	114.6	7.5	215.4	72.5
3531	Construction machinery.....	-	-	-	-	66.4	29.2
3532	Mining machinery.....	-	-	-	-	31.2	11.2
3534	Elevators and moving stairways.....	-	-	42.2	1.9	24.2	9.7
3535	Conveyors and conveying equipment.....	-	-	55.7	4.5	33.8	4.7
3536	Hoists, cranes, and monorails.....	-	-	-	-	(NA)	8.4
3537	Industrial trucks and tractors.....	-	-	16.7	1.1	59.8	9.4

See footnotes at end of table.

TABLE 6C. Electric Motors and Generators Consumed by Selected Industry: 1972—Continued

1972 code	Industry	Timing motors, synchronous and subsynchronous (362110)		All other fractional horsepower motors (362115)		Integral horsepower motors and generators (362120)	
		Number	Value	Number	Value	Number	Value
		(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
35	Machinery, except electrical--Continued						
354	Metalworking machinery.....	(D)	(D)	3,540.4	13.6	42.8	29.5
3541	Machine tools, metal cutting types.....	(NA)	.9	96.3	3.4	(NA)	16.3
3542	Machine tools, metal forming types.....	.9	.1	(NA)	.5	(NA)	6.6
3544	Special dies, tools, jigs and fixtures.....	(NA)	.1	5.3	.3	(NA)	.3
3545	Machine tool accessories.....	(D)	(D)	(NA)	.3	(NA)	.6
3546	Power driven handtools.....	15.5	.2	3,405.4	7.7	16.2	2.4
3547	Rolling mill machinery.....	(NA)	.1	-	-	.4	.6
3549	Metalworking machinery, n.e.c.....	(NA)	.1	33.4	1.3	26.2	2.6
355	Special industry machinery.....	-	-	86.0	12.5	384.8	53.1
3551	Food products machinery.....	-	-	86.0	4.0	50.4	7.2
3552	Textile machinery.....	-	-	-	-	37.1	8.0
3553	Woodworking machinery.....	-	-	-	-	197.0	8.9
3554	Paper industries machinery.....	-	-	-	-	(NA)	4.3
3555	Printing trades machinery.....	-	-	(NA)	3.6	5.4	4.4
3559	Special industry machinery, n.e.c.....	-	-	(NA)	4.9	95.0	20.2
356	General industrial machinery.....	(NA)	.7	2,891.6	63.0	847.4	98.1
3561	Pumps and pumping equipment.....	-	-	2,126.6	39.6	627.4	59.6
3563	Air and gas compressors.....	-	-	214.6	5.6	220.0	21.6
3564	Blowers and fans.....	(NA)	.7	550.4	12.3	(NA)	10.4
3569	General industrial machinery, n.e.c.....	-	-	(NA)	5.5	(NA)	6.5
357	Office and computing machines.....	(D)	(D)	(D)	(D)	(D)	(D)
3573	Electronic computing equipment.....	192.1	9.3	(NA)	19.0	36.4	5.6
3574	Calculating and accounting machines.....	(D)	(D)	(NA)	3.3	-	-
3576	Scales and balances, except laboratory.....	(D)	(D)	(D)	(D)	4.2	.3
3579	Office machines, etc. (combined with 3572)....	(D)	(D)	(NA)	5.9	(D)	(D)
358	Refrigeration and service machinery.....	(D)	(D)	23,382.8	204.2	(D)	(D)
3581	Automatic merchandising machines.....	464.7	1.5	(NA)	4.7	(D)	(D)
3582	Commercial laundry equipment.....	(NA)	1.1	84.0	2.2	24.0	2.1
3585	Refrigeration and heating equipment.....	(D)	(D)	22,732.9	184.7	(NA)	159.8
3586	Measuring and dispensing pumps.....	-	-	143.9	4.2	6.3	1.3
3589	Service industry machinery, n.e.c.....	(NA)	6.2	422.0	8.4	136.9	12.0
36	Electric and electronic equipment.....	11,831.2	44.7	(D)	(D)	(D)	(D)
362	Electrical industrial apparatus.....	-	-	-	-	76.8	18.9
3621	Motors and generators.....	-	-	-	-	76.8	18.9
363	Household appliances.....	10,560.0	26.7	(D)	(D)	(D)	(D)
3631	Household cooking equipment.....	208.2	.8	2,186.1	5.7	-	-
3632	Household refrigerators and freezers.....	3,940.5	6.4	11,053.5	70.4	(D)	(D)
3633	Household laundry equipment.....	(D)	(D)	6,941.9	66.4	2,417.2	27.7
3634	Electric housewares and fans.....	2,597.2	8.0	14,570.2	32.8	(D)	(D)
3635	Household vacuum cleaners.....	(D)	(D)	1,534.3	6.8	76.6	.8
3636	Sewing machines.....	-	-	(D)	(D)	(D)	(D)
3639	Household appliances, n.e.c.....	(D)	(D)	3,310.7	20.1	5.4	.4
365	Radio and TV receiving equipment.....	947.0	3.1	3,259.0	9.9	-	-
3651	Radio and TV receiving sets.....	947.0	3.1	3,259.0	9.9	-	-
366	Communication equipment.....	324.2	13.0	381.0	8.5	-	-
3662	Radio and TV communication equipment.....	324.2	12.9	381.0	8.5	-	-
367	Electronic components and accessories.....	(NA)	1.9	(NA)	2.1	-	-
3673	Electron tubes, transmitting.....	(D)	(D)	-	-	-	-
3674	Semiconductors and related devices.....	(NA)	(D)	(D)	(D)	-	-
3675	Electronic capacitors.....	(D)	(D)	(D)	(D)	-	-
3676	Electronic resistors.....	(D)	(D)	-	-	-	-
3679	Electronic components, n.e.c.....	(NA)	(D)	(NA)	(D)	-	-
37	Transportation equipment.....	(D)	(D)	(D)	(D)	(D)	(D)
371	Motor vehicles and equipment.....	-	-	(D)	(D)	-	-
3711	Motor vehicles and car bodies.....	-	-	(D)	(D)	-	-
3713	Truck and bus bodies.....	-	-	44.3	.5	-	-
3714	Motor vehicle parts and accessories.....	-	-	265.6	9.0	-	-
372	Aircraft and parts.....	17.1	1.6	33.0	2.7	11.4	3.5
3721	Aircraft.....	2.0	.4	6.3	.6	4.7	1.5
3724	Aircraft engines and engine parts.....	15.1	.3	-	-	-	-
3728	Aircraft equipment, n.e.c.....	(NA)	.9	26.7	2.0	6.7	2.0
373	Ship and boat building and repairing.....	-	-	-	-	1.0	3.0
3731	Ship building and repairing.....	-	-	-	-	1.0	3.0
374	Railroad equipment.....	-	-	-	-	10.8	6.2
3743	Railroad equipment.....	-	-	-	-	10.8	6.2
376	Guided missiles, space vehicles, and parts..	(D)	(D)	(D)	(D)	(D)	(D)
3761	Guided missiles, space vehicles.....	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6C. Electric Motors and Generators Consumed by Selected Industry: 1972—Continued

1972 code	Industry	Timing motors, synchronous and subsynchronous (362110)		All other fractional horsepower motors (362115)		Integral horsepower motors and generators (362120)	
		Number	Value	Number	Value	Number	Value
		(1,000)	(million dollars)	(1,000)	(million dollars)	(1,000)	(million dollars)
38	Instruments and related products.....	(D)	(D)	2,679.3	19.8	-	-
381	Engineering and scientific instruments.....	132.9	3.5	83.4	1.6	-	-
3811	Engineering and scientific instruments.....	132.9	3.5	83.4	1.6	-	-
382	Measuring and controlling devices.....	(D)	(D)	311.1	3.2	-	-
3822	Environmental controls.....	(D)	(D)	88.3	.2	-	-
3823	Process control instruments.....	163.4	2.5	74.4	1.4	-	-
3824	Fluid meters and counting devices.....	(D)	(D)	-	-	-	-
3825	Instruments to measure electricity.....	310.8	1.9	87.5	.8	-	-
3829	Measuring and controlling devices, n.e.c.....	129.5	1.4	61.0	.8	-	-
386	Photographic equipment and supplies.....	213.4	1.9	2,284.8	14.9	-	-
3861	Photographic equipment supplies.....	213.4	1.9	2,284.8	14.9	-	-
387	Watches, clocks, and watchcases.....	3,349.3	3.6	-	-	-	-
3873	Watches, clocks, and watchcases.....	3,349.3	3.6	-	-	-	-
39	Miscellaneous manufacturing industries....	-	-	36,119.4	11.2	-	-
394	Toys and sporting goods.....	-	-	36,119.4	11.2	-	-
3944	Games, toys, and children's vehicles.....	-	-	35,888.8	7.2	-	-
3949	Sporting and athletic goods, n.e.c.....	-	-	230.6	4.0	-	-

- Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6D. Electron Tubes, Except X-Ray, and Solid State : 1972

1972 code	Industry	Electron tubes, except X-ray (367010, 367012, and 367200)		Solid state semi- conductors, tran- sistors, diodes, etc. (367408)		1972 code	Industry	Electron tubes, except X-ray (367010, 367012, and 367200)		Solid state semi- conductors, tran- sistors, diodes, etc. (367408)	
		Quantity	Cost	Quantity	Cost			Quantity	Cost	Quantity	Cost
		(million units)	(million dollars)	(million units)	(million dollars)			(million units)	(million dollars)	(million units)	(million dollars)
	All industries, total....	70.3	527.5	2,383.0	916.9	36	Electric and electronic equipment--Continued				
35	Machinery, except electrical	-	-	(D)	(D)	367	Electronic components and accessories.....	-	-	(D)	(D)
357	Office and computing machines	-	-	(D)	(D)	3671	Electron tubes, receiving type.	-	-	(NA)	(D)
3573	Electronic computing equipment.	-	-	455.1	277.9	3673	Electron tubes, transmitting...	-	-	7.9	2.2
3574	Calculating and accounting machines.....	-	-	261.3	56.7	3674	Semiconductors and related devices.....	-	-	55.1	12.5
3576	Scales and balances, except laboratory.....	-	-	(D)	(D)	3675	Electronic capacitors.....	-	-	(D)	(D)
3579	Office machines, etc. (combined with 3572).....	-	-	(NA)	3.2	3676	Electronic resistors.....	-	-	(D)	(D)
						3677	Electronic coils and transformers.....	-	-	(NA)	.6
36	Electric and electronic equipment.....	70.3	527.5	(D)	(D)	3679	Electronic components, n.e.c....	-	-	126.2	28.6
362	Electrical industrial apparatus.....	-	-	13.1	8.5	38	Instruments and related products.....	-	-	(D)	(D)
3621	Motors and generators.....	-	-	2.9	2.3	381	Engineering and scientific instruments.....	-	-	19.5	10.7
3629	Electrical industrial apparatus, n.e.c.....	-	-	10.2	6.2	3811	Engineering and scientific instruments.....	-	-	19.5	10.7
364	Electric lighting and wiring equipment.....	-	-	15.5	3.5	382	Measuring and controlling devices.....	-	-	87.5	49.2
3643	Current-carrying wiring devices	-	-	15.5	3.4	3822	Environmental controls.....	-	-	5.5	2.2
						3823	Process control instruments....	-	-	11.2	5.7
365	Radio and TV receiving equipment.....	70.2	527.5	588.9	56.9	3824	Fluid meters and counting devices.....	-	-	1.6	.6
3651	Radio and TV receiving sets....	70.2	527.5	588.9	56.9	3825	Instruments to measure electricity.....	-	-	69.2	37.2
						3829	Measuring and controlling devices, n.e.c.....	-	-	(NA)	3.6
366	Communication equipment.....	-	-	(D)	(D)	386	Photographic equipment and supplies.....	-	-	(D)	(D)
3661	Telephone and telegraph apparatus.....	-	-	(D)	(D)	3861	Photographic equipment and supplies.....	-	-	(D)	(D)
3662	Radio and TV communication equipment.....	-	-	316.9	162.7						

- Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

SECTION II. Selected Materials Consumed by Kind

PART 1. Selected Materials Consumed in Manufacturing by Kind: 1972 and 1967

GENERAL

The tables in this part present information on consumption of materials by manufacturing establishments in 1972 and 1967. The data are based on reports obtained in a sample survey, MA-131, Consumption of Materials, Parts, Containers, and Supplies During 1972, and serve to supplement the data on materials consumed previously published in the 1972 Census of Manufactures. The data are obtained primarily to facilitate the work of the Bureau of Economic Analysis, Department of Commerce, on national accounts and input-output studies; they also provide, in part, answers to increased demands for more detailed information on consumption of materials by manufacturers.

SUMMARY DATA

As shown in the summary table on page 66, the 141 manufacturing industries selected for this survey accounted for \$139.5 billion of materials consumed or 38.5 percent of the total of \$361.9 billion of materials consumed by all manufacturing establishments in 1972. Of this \$139.5 billion, the category, "all other materials, parts, containers, and supplies consumed" (code 970099), amounted to \$80.7 billion. It was this latter figure which in the table was distributed by class of material on the basis of the data reported in the supplemental survey on Form MA-131. As this table also indicates, the proportion of this cost of "all other materials" to "total cost of materials specified by kind" was reduced from approximately 66 to 7 percent as a result of the data obtained in this supplemental survey.

SAMPLE DESIGN

The 1972 MA-131 Survey was a probability survey based on the cost of materials, parts, containers, and supplies consumed for which insufficient detail was collected in the census. The design of the sample was set to accommodate approximately 6,000 manufacturing establishments. This resulted in the certainty selection of all those plants reporting more than \$4,200 thousand in unspecified materials costs. Other establishments were sampled with probabilities of 1.000 to .005 in accordance with the mathematical theory for optimum allocation of the sample. The response rate on this voluntary survey was approximately 75 percent.

QUALIFICATIONS OF THE DATA

The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all establishments in the sampled list. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete coverage survey—are unknown. Guides to the potential sizes of the sampling errors, however, are provided by the standard errors of the estimates. These have been computed and are presented in the form of relative standard errors—the standard errors divided by the estimated values to which they refer. In the MA-131 Survey, the standard errors are calculated for response data only and thus may be overstated or understated because of nonresponse. A relative standard error can be interpreted to mean that its associated estimate is reliable within plus or minus the relative standard error percentage of the estimate for about two-thirds of all possible samples. If the relative standard error is doubled and applied, the range of the estimate is good for about 95 percent of all possible samples; if tripled the resulting estimate range is good for nearly all samples.

When the relative standard error is large, its associated estimate may be combined with other estimates to increase its reliability. The approximate relative standard error of estimate for combined estimates can be derived by multiplying each component estimate by its relative standard error, squaring the result, summing the squares, taking the square root of that sum, and dividing the result by the aggregated estimate.

In addition to sampling errors, the estimates are subject to response and operational errors. However, these errors would also occur in a complete canvass survey, and have been minimized in the MA-131 Survey by a thorough review of the data for reasonableness and consistency.

COMPARABILITY OF DATA

Comparability of the 1967 and 1972 data presented in this report is approximate due to a difference in sample designs and to the major revisions of the Standard Industrial Classification system for 1972. The 1967 MA-131 Survey was a probability survey based on the employment size of establishments, the 1972 survey was based on cost of materials (see the earlier discussion of 1972 sample design). The sampling errors shown for the 1972 estimates can be expected to indicate roughly the magnitude of the errors for the 1967 estimates. The average level of the 1972 errors should be somewhat smaller because the sample was increased in size and was more efficiently designed for the 1972 survey. This general relationship may not hold for specific materials costs estimates because of the difference in the two sample designs.

**Cost of Materials, Parts, Containers, and Supplies Consumed by Manufacturing Establishments, by Selected Industry:
1972 and 1967**

1972 indus- try code	Industry	Based on census of manufactures				Percent of column D reported by sampled establish- ments in MA-131 Survey	Cost of materials, etc., spec- ified by kind, including code 970099 in census of manufac- tures	Cost of materials, etc., as a percent of column F		
		Cost of materials, parts, containers, and supplies			Cost of all other mate- rials, parts, containers, and supplies (code 970099)			Materials specified by kind in census of manufac- tures	Materials estimates as specified in MA-131 Survey	Remaining unspecified materials
		Total	Not specified by kind ¹	Specified by kind						
		(million dollars)	(million dollars)	(million dollars)						
		A	B	C	D	E	F	G	H	I
	Selected industries, total.....1972..	139,477	8,356	44,993	86,128	76	131,121	34	59	7
	.....1967..	96,924	7,847	27,083	61,994	(NA)	89,077	30	57	13
2812	Alkalies and chlorine.....1972..	201	1	33	167	70	200	17	67	16
	.....1967..	185	8	9	168	(51-75)	177	5	72	23
2819	Industrial inorganic chemicals, n.e.c.....1972..	1,312	36	634	642	55	1,276	50	43	7
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2821	Plastics materials and resins.....1972..	2,120	31	1,046	1,043	69	2,089	50	38	12
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2823	Cellulosic manmade fibers.....1972..	286	1	142	143	44	285	50	44	6
	.....1967..	349	18	12	149	(76-100)	331	55	36	9
2824	Organic fibers, noncellulosic.....1972..	1,414	5	322	1,087	62	1,409	23	69	8
	.....1967..	718	5	(D)	(D)	(26-50)	713	26	36	38
2833	Medicinals and botanicals.....1972..	208	10	40	158	85	198	20	71	9
	.....1967..	176	-	-	176	(26-50)	-	-	85	15
2834	Pharmaceutical preparations.....1972..	1,372	52	546	774	85	1,320	41	47	11
	.....1967..	903	63	356	484	(51-75)	840	42	48	10
2841	Soap and other detergents.....1972..	1,171	43	750	378	78	1,128	67	29	4
	.....1967..	1,050	37	657	356	(76-100)	1,013	65	28	7
2842	Polishes and sanitation goods.....1972..	688	120	233	335	45	568	41	53	6
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2843	Surface active agents.....1972..	225	(NA)	(NA)	225	26	(NA)	-	89	11
	.....1967..	152	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2844	Toilet preparations.....1972..	1,090	65	585	440	57	1,025	57	39	4
	.....1967..	699	83	319	297	(76-100)	616	52	39	9
2851	Paints and allied products.....1972..	1,855	229	1,213	413	40	1,626	75	20	6
	.....1967..	1,461	268	893	300	(NA)	1,193	74	(NA)	26
2865	Cyclic crudes and intermediates.....1972..	946	41	274	631	82	905	30	59	11
	.....1967..	751	83	167	501	(51-75)	668	25	57	18
2869	Industrial organic chemicals, n.e.c.....1972..	3,437	105	1,235	2,097	82	3,332	37	51	12
	.....1967..	2,398	201	(D)	(D)	(76-100)	2,197	35	51	14
2879	Agricultural chemicals, n.e.c.....1972..	415	(NA)	(NA)	415	56	(NA)	(X)	86	14
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2891	Ashesives and sealants.....1972..	459	(NA)	(NA)	459	44	(NA)	(X)	85	15
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2893	Printing ink.....1972..	262	(NA)	(NA)	262	31	(NA)	(X)	92	8
	.....1967..	192	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2899	Chemical preparations, n.e.c.....1972..	913	(NA)	(NA)	913	48	(NA)	(X)	91	9
	.....1967..	571	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3069	Fabricated rubber products, n.e.c.....1972..	1,104	138	566	400	42	966	59	34	7
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3079	Miscellaneous plastics products.....1972..	4,329	779	2,315	1,235	41	3,551	65	29	6
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3221	Glass containers.....1972..	620	2	(D)	(D)	(D)	618	62	31	8
	.....1967..	407	6	271	130	(NA)	401	68	(NA)	32
3229	Pressed and blown glass, n.e.c.....1972..	257	4	127	126	37	253	50	38	12
	.....1967..	185	(D)	(D)	97	(X)	(D)	(D)	(D)	(D)
3241	Cement, hydraulic.....1972..	349	19	119	211	39	330	36	49	15
	.....1967..	228	11	71	146	(NA)	217	33	(NA)	(NA)
3291	Abrasive products.....1972..	310	(NA)	(NA)	310	65	(NA)	(X)	93	7
	.....1967..	264	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3292	Asbestos products.....1972..	289	9	136	144	62	280	49	36	15
	.....1967..	228	12	112	104	(NA)	216	52	(NA)	(NA)
3295	Minerals, ground or treated.....1972..	141	(NA)	(NA)	141	27	(NA)	(X)	87	13
	.....1967..	102	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3296	Mineral wool.....1972..	258	(NA)	(NA)	258	35	(NA)	(X)	83	17
	.....1967..	171	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3297	Nonclay refractories.....1972..	131	(NA)	(NA)	131	60	(NA)	(X)	90	10
	.....1967..	130	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3429	Hardware, n.e.c.....1972..	1,141	111	828	472	70	1,030	54	34	12
	.....1967..	856	101	(D)	(D)	(76-100)	755	49	39	12
3433	Heating equipment, except electric.....1972..	472	76	177	219	55	396	45	41	14
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3443	Fabricated platework (boiler shops).....1972..	1,436	162	900	374	48	1,274	71	23	7
	.....1967..	1,164	236	624	304	(51-75)	928	67	19	14
3444	Sheet metalwork.....1972..	1,252	262	762	228	24	991	77	17	6
	.....1967..	795	218	413	164	(26-50)	577	72	18	10
3465	Automotive stampings.....1972..	2,481	64	1,928	489	84	2,416	80	16	4
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3466	Crowns and closures.....1972..	166	1	113	52	53	165	68	27	5
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3469	Metal stampings, n.e.c.....1972..	1,083	173	665	245	32	910	73	20	17
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

**Cost of Materials, Parts, Containers, and Supplies Consumed by Manufacturing Establishments, by Selected Industry:
1972 and 1967—Continued**

1972 industry code	Industry	Based on census of manufactures				Percent of column D reported by sampled establish- ments in MA-131 Survey	Cost of materials, etc., spec- ified by kind, including code 970099 in census of manufac- tures	Cost of materials, etc., as a percent of column F		
		Cost of materials, parts, containers, and supplies			Cost of all other mate- rials, parts, containers, and supplies (code 970099)			Materials specified by kind in census of manufac- tures	Materials estimates as specified in MA-131 Survey	Remaining unspecified materials
		Total	Not specified by kind ¹	Specified by kind						
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(million dollars)	(percent)	(percent)	(percent)
		A	B	C	D	E	F	G	H	I
3471	Plating and polishing.....1972..	229	(NA)	(NA)	229	14	(NA)	(X)	87	13
	.....1967..	170	(NA)	NA	(NA)	(NA)	(NA)	(NA)	NA	NA
3482	Small arms ammunition.....1972..	208	8	108	92	87	300	54	34	12
	.....1967..	312	5	197	110	(51-75)	307	64	29	7
3483	Ammunition, except for small arms, n.e.c.....1972..	726	59	341	326	41	667	51	43	6
	.....1967..	1,261	84	214	963	(26-50)	1,177	18	62	20
3484	Small arms.....1972..	99	12	29	58	67	87	33	52	15
	.....1967..	149	38	19	92	(76-100)	111	17	69	14
3489	Ordnance and accessories, n.e.c.....1972..	117	31	29	57	38	86	34	39	28
	.....1967..	245	44	47	154	(76-100)	201	23	43	34
3494	Valves and pipe fittings.....1972..	1,067	110	545	412	43	957	57	32	11
	.....1967..	799	85	432	282	(76-100)	714	61	19	20
3499	Fabricated metal products, n.e.c.....1972..	773	188	353	232	38	585	60	33	6
	.....1967..	455	58	224	173	(NA)	397	56	(NA)	(NA)
3511	Turbines and turbine generator sets.....1972..	861	D ¹	D ¹	406	92	D ¹	51	41	8
	.....1967..	432	21	217	194	(76-100)	411	53	32	15
3519	Internal combustion engines, n.e.c.....1972..	1,631	112	650	869	91	1,519	43	49	8
	.....1967..	1,043	82	290	671	(76-100)	961	30	53	17
3523	Farm machinery and equipment.....1972..	2,221	209	952	1,060	83	2,013	47	44	8
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	NA	(NA)
3524	Lawn and garden equipment.....1972..	625	85	299	241	71	540	55	37	7
	.....1967..	(NA)	(NA)	(NA)	(NA)	NA	(NA)	NA	(NA)	(NA)
3531	Construction machinery.....1972..	2,813	194	1,464	1,155	73	2,619	56	37	7
	.....1967..	1,930	191	965	774	(51-75)	1,739	55	28	17
3532	Mining machinery.....1972..	319	22	137	160	26	298	46	43	11
	.....1967..	260	50	117	93	(26-50)	210	56	28	16
3533	Oilfield machinery.....1972..	398	101	155	142	57	297	52	38	10
	.....1967..	262	44	119	99	(51-75)	218	55	28	17
3535	Conveyors and conveying equipment.....1972..	309	57	D ¹	D ¹	D ¹	253	52	42	6
	.....1967..	272	68	81	123	(26-50)	204	40	51	9
3537	Industrial trucks and tractors.....1972..	470	47	159	264	73	423	38	56	7
	.....1967..	333	51	101	181	(76-100)	282	36	48	16
3541	Machine tools, metal-cutting types.....1972..	454	77	150	227	45	377	40	51	9
	.....1967..	657	98	212	347	(76-100)	559	38	39	23
3542	Machine tools, metal-forming types.....1972..	253	45	94	114	50	209	45	39	15
	.....1967..	257	35	104	118	(76-100)	222	47	37	16
3545	Machine tool accessories.....1972..	305	51	146	108	25	254	58	35	7
	.....1967..	333	74	88	171	(51-75)	259	34	41	25
3546	Power-driven handtools.....1972..	274	3	102	169	63	272	38	51	12
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3547	Rolling mill machinery.....1972..	104	1	41	62	52	103	39	52	9
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3549	Metalworking machinery, n.e.c.....1972..	137	29	39	69	20	108	36	56	8
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3551	Food products machinery.....1972..	320	70	101	149	33	249	40	48	12
	.....1967..	272	46	84	142	(26-50)	226	37	42	21
3552	Textile machinery.....1972..	289	34	101	154	45	255	40	45	16
	.....1967..	278	43	80	155	(51-75)	235	34	52	14
3554	Paper industries machinery.....1972..	163	49	36	78	32	114	32	59	10
	.....1967..	223	30	73	120	51-75)	193	38	50	12
3555	Printing trades machinery.....1972..	219	49	69	101	47	170	41	54	6
	.....1967..	234	53	64	117	(51-75)	181	35	55	10
3559	Special industry machinery, n.e.c.....1972..	903	138	245	520	48	765	32	56	12
	.....1967..	670	134	205	331	51-75)	536	38	41	21
3561	Pumps and pumping equipment.....1972..	727	128	377	222	43	599	63	32	5
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	NA	(NA)	(NA)	(NA)
3562	Ball and roller bearings.....1972..	551	17	413	121	75	534	77	17	6
	.....1967..	463	6	281	176	(76-100)	457	61	32	7
3563	Air and gas compressors.....1972..	348	13	147	188	44	335	44	52	4
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	NA	(NA)
3566	Speed changers, drives, and gears.....1972..	195	45	85	65	30	149	56	31	13
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	NA	(NA)
3567	Industrial furnaces and ovens.....1972..	178	28	45	105	60	150	30	63	7
	.....1967..	198	44	52	102	(26-50)	154	34	65	1
3568	Power transmission equipment, n.e.c.....1972..	290	10	161	119	53	280	58	34	8
	.....1967..	(NA)	(NA)	(NA)	(NA)	NA	NA	(NA)	NA	NA
3569	General industrial machinery, n.e.c.....1972..	414	90	119	205	28	324	37	52	12
	.....1967..	328	85	88	155	(26-50)	243	36	32	32
3573	Electronic computing equipment.....1972..	2,797	127	1,996	674	46	2,670	75	24	1
	.....1967..	1,768	30	1,115	623	(76-100)	1,738	NA	NA	(NA)
3574	Calculating and accounting machines.....1972..	236	21	141	74	16	215	66	33	2
	.....1967..	141	12	40	89	(76-100)	129	NA	NA	(NA)

See footnotes at end of table.

**Cost of Materials, Parts, Containers, and Supplies Consumed by Manufacturing Establishments, by Selected Industry:
1972 and 1967—Continued**

1972 indus- try code	Industry	Based on census of manufactures				Percent of column D reported by sampled establish- ments in MA-131 Survey	Cost of materials, etc., spec- ified by kind, including code 970099 in census of manufac- tures	Cost of materials, etc., as a percent of column F		
		Cost of materials, parts, containers, and supplies			Cost of all other mate- rials, parts, containers, and supplies (code 970099)			Materials specified by kind in census of manufac- tures	Materials estimates as specified in MA-131 Survey	Remaining unspecified materials
		Total	Not specified by kind ¹	Specified by kind						
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(million dollars)	(percent)	(percent)	(percent)
		A	B	C	D	E	F	G	H	I
3579	Office machines, n.e.c.....1972..	(D)	(D)	(D)	(D)	(X)	(D)	(X)	(X)	(X)
	.....1967..	106	21	20	65	(51-75)	85	24	51	25
3581	Automatic merchandising machines.....1972..	139	15	31	93	67	123	25	56	19
	.....1967..	113	11	24	78	(26-50)	102	24	72	4
3585	Refrigeration and heating equipment.....1972..	3,448	200	1,738	1,510	75	3,248	54	38	8
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3589	Service industry machinery, n.e.c.....1972..	370	58	105	207	39	312	34	51	15
	.....1967..	243	49	65	129	(26-50)	194	34	35	31
3592	Carburetors, pistons, rings, valves.....1972..	245	8	89	148	80	237	38	47	15
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3599	Machinery, except electrical, n.e.c.....1972..	929	465	288	176	12	464	62	30	8
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3612	Transformers.....1972..	679	15	(D)	(D)	(X)	664	55	37	9
	.....1967..	517	23	268	226	(51-75)	494	54	30	16
3613	Switchgear and switchboard apparatus.....1972..	754	48	399	307	70	706	57	39	5
	.....1967..	604	64	303	237	(51-75)	540	56	36	8
3621	Motors and generators.....1972..	992	41	554	397	61	951	58	33	9
	.....1967..	920	84	434	402	(51-75)	836	52	35	13
3622	Industrial controls.....1972..	489	59	188	242	23	430	44	52	5
	.....1967..	359	54	140	165	(51-75)	305	46	37	17
3624	Carbon and graphite products.....1972..	108	3	3	102	70	105	2	66	32
	.....1967..	101	10	1	90	(51-75)	91	1	24	75
3629	Electrical industrial apparatus, n.e.c.....1972..	175	30	34	111	53	145	23	66	11
	.....1967..	126	23	23	80	(51-75)	103	22	53	25
3631	Household cooking equipment.....1972..	459	13	166	280	70	446	37	56	7
	.....1967..	268	17	74	177	(76-100)	251	29	58	13
3632	Household refrigerators and freezers.....1972..	821	2	362	457	96	819	44	53	3
	.....1967..	933	49	236	648	(76-100)	884	27	59	14
3633	Household laundry equipment.....1972..	665	2	336	327	96	663	51	37	12
	.....1967..	539	44	201	294	(76-100)	495	41	42	17
3634	Electric housewares and fans.....1972..	649	50	225	374	70	599	38	54	8
	.....1967..	449	53	124	272	(51-75)	396	31	49	20
3639	Household appliances, n.e.c.....1972..	347	47	135	165	50	300	45	47	8
	.....1967..	250	39	103	108	(51-75)	211	49	38	13
3641	Electric lamps.....1972..	345	6	128	211	86	338	38	59	3
	.....1967..	228	16	21	191	(76-100)	212	10	79	11
3643	Current-carrying wiring devices.....1972..	427	42	211	219	50	385	43	52	5
	.....1967..	285	60	83	142	(76-100)	225	37	48	15
3644	Noncurrent-carrying wiring devices.....1972..	349	12	217	120	33	338	64	31	5
	.....1967..	266	39	122	105	(51-75)	227	54	23	23
3645	Residential lighting fixtures.....1972..	344	92	84	168	46	252	33	55	12
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3646	Commercial lighting fixtures.....1972..	360	39	85	236	40	321	26	70	4
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3647	Vehicular lighting equipment.....1972..	197	10	50	137	92	187	27	60	13
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3648	Lighting equipment, n.e.c.....1972..	198	16	75	107	56	182	41	48	11
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3651	Radio and TV receiving sets.....1972..	2,197	113	919	1,165	84	2,085	44	52	4
	.....1967..	2,400	218	1,092	1,090	(76-100)	2,182	50	42	8
3661	Telephone and telegraph apparatus.....1972..	1,839	22	307	1,510	96	1,818	17	67	16
	.....1967..	983	32	162	789	(76-100)	951	17	57	26
3662	Radio and TV communication equipment.....1972..	2,999	228	574	2,197	66	2,771	21	70	9
	.....1967..	3,153	447	451	2,255	(76-100)	2,706	17	62	21
3674	Semiconductors and related devices.....1972..	704	52	149	503	74	652	23	65	12
	.....1967..	307	28	63	216	(51-75)	279	23	48	29
3675	Electronic capacitors.....1972..	142	6	60	76	54	137	44	47	10
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3676	Electronic resistors.....1972..	99	16	20	63	50	83	24	64	13
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3677	Electronic coils and transformers.....1972..	139	11	69	59	12	128	54	32	14
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3678	Electronic connectors.....1972..	136	18	54	64	65	118	45	50	5
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3679	Electronic components, n.e.c.....1972..	1,311	184	180	947	72	1,127	16	68	17
	.....1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3691	Storage batteries.....1972..	493	19	241	233	47	474	51	43	6
	.....1967..	300	14	135	151	(51-75)	286	47	42	11
3694	Engine electrical equipment.....1972..	804	44	279	481	80	760	37	52	11
	.....1967..	548	32	159	357	(51-75)	516	31	51	18
3699	Electrical equipment and supplies, n.e.c.....1972..	232	73	47	112	31	160	30	64	6
	.....1967..	129	30	33	66	(51-75)	99	33	57	10

See footnotes at end of table.

**Cost of Materials, Parts, Containers, and Supplies Consumed by Manufacturing Establishments, by Selected Industry:
1972 and 1967—Continued**

1972 industry code	Industry	Based on census of manufactures				Percent of column D reported by sampled establish- ments in MA-131 Survey	Cost of materials, etc., spec- ified by kind, including code 970099 in census of manufac- tures	Cost of materials, etc., as a percent of column F		
		Cost of materials, parts, containers, and supplies			Cost of all other mate- rials, parts, containers, and supplies (code 970099)			Materials specified by kind in census of manufac- tures	Materials estimates as specified in MA-131 Survey	Remaining unspecified materials
		Total	Not specified by kind ¹	Specified by kind						
		(million dollars)	(million dollars)	(million dollars)						
		A	B	C	D	E	F	G	H	I
3711	Motor vehicles and car bodies.....1972..	30,793	36	1,456	29,301	99	30,757	5	93	2
	1967..	19,505	256	574	18,675	(76-100)	19,249	3	93	4
3713	Truck and bus bodies.....1972..	884	93	178	613	58	791	23	70	7
	1967..	338	52	100	186	(26-50)	286	35	44	21
3714	Motor vehicle parts and accessories.....1972..	8,922	251	6,264	3,795	87	8,671	56	38	6
	1967..	5,728	257	3,296	2,407	(76-100)	5,471	56	32	12
3715	Truck trailers.....1972..	641	28	248	365	58	613	41	48	12
	1967..	428	23	131	274	(51-75)	405	32	52	16
3721	Aircraft.....1972..	3,686	43	245	3,398	82	3,642	7	82	12
	1967..	5,185	66	328	4,791	(76-100)	5,119	6	88	6
3724	Aircraft engines and engine parts.....1972..	1,451	26	343	1,082	95	1,425	24	70	6
	1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3728	Aircraft equipment, n.e.c.....1972..	869	45	284	540	45	824	34	59	6
	1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3743	Railroad equipment.....1972..	1,264	15	683	566	69	1,249	55	34	12
	1967..	1,243	22	508	713	(76-100)	1,221	42	38	20
3761	Guided missiles and space vehicles.....1972..	923	7	55	861	42	916	6	82	12
	1967..	970	140	41	789	(76-100)	830	5	76	19
3764	Space propulsion units and parts.....1972..	204	1	30	173	67	203	15	71	14
	1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3769	Space vehicle equipment, n.e.c.....1972..	242	5	13	224	87	237	5	89	6
	1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3792	Travel trailers and campers.....1972..	859	266	133	460	51	593	23	72	5
	1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3795	Tanks and tank components.....1972..	131	2	43	86	95	130	34	60	6
	1967..	229	56	57	116	(51-75)	173	33	46	21
3799	Transportation equipment, n.e.c.....1972..	408	61	135	212	33	348	39	46	15
	1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3811	Engineering and scientific instruments.....1972..	308	53	40	215	34	255	16	62	23
	1967..	341	82	39	220	(51-75)	259	15	38	47
3822	Environmental controls.....1972..	204	12	59	133	44	192	31	61	8
	1967..	174	24	49	101	(76-100)	150	33	43	24
3823	Process control instruments.....1972..	238	9	42	187	37	229	18	68	14
	1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3824	Fluid meters and counting devices.....1972..	104	7	34	63	50	97	36	54	11
	1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3825	Instruments to measure electricity.....1972..	458	53	75	330	65	405	18	73	9
	1967..	352	77	58	217	(76-100)	275	21	65	14
3829	Measuring and controlling devices, n.e.c.....1972..	176	51	26	99	40	125	21	64	15
	1967..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3832	Optical instruments and lenses.....1972..	149	34	6	109	26	115	6	74	20
	1967..	110	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3842	Surgical appliances and supplies.....1972..	424	45	51	328	51	379	13	72	14
	1967..	267	49	12	206	(76-100)	218	6	71	23
3851	Ophthalmic goods.....1972..	153	-	-	28	19	153	-	88	12
	1967..	131	-	-	131	(26-50)	-	-	79	21
3861	Photographic equipment and supplies.....1972..	1,297	42	341	914	79	1,255	27	62	11
	1967..	1,013	184	88	741	(76-100)	829	11	46	43
3873	Watches, clocks, and watchcases.....1972..	485	14	195	276	73	472	41	54	4
	1967..	398	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3911	Jewelry, precious metal.....1972..	511	-	-	511	22	-	-	92	8
	1967..	332	-	-	332	(26-50)	-	-	94	6
3931	Musical instruments.....1972..	228	-	-	228	45	-	-	96	4
	1967..	178	-	-	178	(51-75)	-	-	93	7
3944	Games, toys, and children's vehicles.....1972..	653	79	179	395	57	574	31	60	9
	1967..	463	82	129	252	(NA)	381	34	NA	NA
3949	Sporting and athletic goods, n.e.c.....1972..	754	136	223	395	50	618	36	55	9
	1967..	358	75	94	189	(51-75)	283	33	12	25
3961	Costume jewelry.....1972..	154	-	-	154	26	-	-	79	21
	1967..	125	-	-	125	(NA)	-	(NA)	(NA)	(NA)
3964	Needles, pins, and fasteners.....1972..	207	38	48	121	65	169	28	67	4
	1967..	154	22	37	95	(76-100)	132	28	53	19
3991	Brooms and brushes.....1972..	170	-	-	170	33	-	-	88	12
	1967..	132	-	-	132	(26-50)	-	-	78	22
3993	Signs and advertising displays.....1972..	381	-	-	381	16	-	-	90	10
	1967..	288	-	-	288	(under 26)	-	-	87	13
3995	Burial caskets.....1972..	174	-	-	174	18	-	-	91	9
	1967..	134	-	-	134	NA	-	(NA)	(NA)	(NA)

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies; costs are included in costs for code 970099, "All other materials, etc.". (Z) Less than half of the unit of measurement shown.

¹Represents cost of materials for establishments which did not report any detailed materials in the census. It also includes estimates for establishments which were not mailed report forms.

SECTION II, PART 1—Continued

CHAPTER 1. Major Group 28—Chemicals and Allied Products

This major group includes establishments producing basic chemicals, and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) Basic chemicals such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; and (3) finished chemical products to be

used for ultimate consumption, such as drugs, cosmetics, and soaps, or to be used as materials or supplies in other industries, such as paints, fertilizers, and explosives.

The following industries in this major group are those for which information was obtained in the **1972 Census of Manufactures Supplemental Inquiry; Consumption of Materials, Parts, Containers, and Supplies During 1972**, on Form MA-131. They are included in this report.

SIC Codes and Titles

2812—Alkalies and Chlorine
2819—Industrial Inorganic Chemicals, N.E.C.
2821—Plastics Materials and Resins
2823—Cellulosic Manmade Fibers
2824—Organic Fibers, Noncellulosic
2833—Medicinals and Botanicals
2834—Pharmaceutical Preparations
2841—Soap and Other Detergents
2842—Polishes and Sanitation Goods

2843—Surface Active Agents
2844—Toilet Preparations
2851—Paints and Allied Products
2865—Cyclic Crudes and Intermediates
2869—Industrial Organic Chemicals, N.E.C.
2879—Agricultural Chemicals, N.E.C.
2891—Adhesives and Sealants
2893—Printing Ink
2899—Chemical Preparations, N.E.C.

Materials Consumed by Kind for Selected Industries in Major Group 28: 1972 and 1967

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 2812.--ALKALIES AND CHLORINE			
	Materials, parts, containers, and supplies, total.....	201	185	(X)
	Data requested in census of manufactures: ²			
	Specified by kind.....	33	9	(X)
	Not specified by kind (census code 976000) ³	1	8	(X)
	Data obtained in MA-131 Survey (census code 970099).....	167	168	(X)
	Estimates based on the MA-131 Survey:			
10010	Iron and ferroalloy ores, including tungsten, chromite, nickel, manganese, molybdenum, and cobalt.....	(under 2)	1	(X)
10020	Nonferrous metal ores, including copper, mercury, vanadium, titanium, rutile, platinum, etc., but excluding bauxite.....	5	1	17
14010	Crude nonmetallic minerals, including limestone, clays, gypsum, talc, etc., but excluding crude chemical nonmetallic minerals.....	23	12	1
14700	Crude chemical nonmetallic minerals, including barite, borate, potash, fluorspar, rock salt, etc., but excluding phosphate rock, sulfur, and pyrites.....	24	7	10
26000	Paper and paperboard products except paperboard boxes, containers, and woodpulp.....	(Z)	7	(X)
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	5	5	1
28000	Chemical raw materials, n.e.c. ⁴	(NA)	5	(X)
28130	Acetylene and other industrial gases, compressed and liquefied, including argon, carbon dioxide, nitrogen, nitrous oxide, etc.....	4	-	1
28190	Other inorganic chemicals, except medicinal.....	11	11	36
28210	Plastics and synthetic resin materials, including molding and extrusion.....	(10-20)	-	(X)
28651	Toluene and xylene.....	(2-5)	-	(X)
28652	Cyclic intermediates and crudes, including ethyl benzene and chlorobenzene (monomer); synthetic organic dyes, pigments, lakes, and toners.....	(5-10)	-	(X)
28692	Other synthetic organic chemicals.....	4	24	14
28992	Evaporated salt.....	6	13	28
32740	Lime, including quicklime and hydrated lime, and dead-burned dolomite.....	1	-	1
32950	Minerals and earths, ground or treated ⁵	5	(NA)	17
33100	Steel mill shapes and forms, except castings and forgings ⁵	(2-5)	(NA)	(X)
34010	Metal containers, except collapsible tubes.....	5	8	22
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers ¹	1	4	32
90005	Packing supplies ⁵	(2-5)	(NA)	(X)
90007	Maintenance on machinery, including parts ⁵	(5-10)	(NA)	(X)
99999	All other materials, containers, and supplies, etc., not listed above.....	36	4	(X)
	INDUSTRY 2819.--INDUSTRIAL INORGANIC CHEMICALS, N.E.C. ⁶			
	Materials, parts, containers, and supplies, total.....	1,312	(NA)	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ⁷	634	(NA)	(X)
	Not specified by kind (census code 976000) ³	36	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	642	(NA)	(X)
	Estimates based on the MA-131 Survey:			
10010	Iron and ferroalloy ores, including tungsten, chromite, nickel, manganese, molybdenum, and cobalt.....	25	(NA)	24
10020	Nonferrous metal ores, including copper, mercury, vanadium, titanium, rutile, platinum, etc., but excluding bauxite.....	33	(NA)	17
10900	Miscellaneous metal ores ⁵	(under 2)	(NA)	(X)
11110	Anthracite coal ⁵	(under 2)	(NA)	(X)
12110	Bituminous coal ⁵	(2-5)	(NA)	(X)
14010	Crude nonmetallic minerals, including limestone, clays, gypsum, talc, etc., but excluding crude chemical nonmetallic minerals.....	9	(NA)	1
14400	Sand and gravel ⁵	(under 2)	(NA)	(X)
14700	Crude chemical nonmetallic minerals, including barite, borate, potash, fluorspar, rock salt, etc., but excluding phosphate rock, sulfur, and pyrites.....	74	(NA)	6
14990	Miscellaneous nonmetallic minerals, n.e.c. ⁵	(under 2)	(NA)	(X)
20400	Grain mill products ⁵	7	(NA)	37
26000	Paper and paperboard products, except paperboard boxes, containers, and woodpulp.....	3	(NA)	1
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	13	(NA)	10
28130	Acetylene and other industrial gases, compressed and liquefied, including argon, carbon dioxide, nitrogen, nitrous oxide, etc.....	9	(NA)	50
28190	Other inorganic chemicals, except medicinal.....	135	(NA)	1
28210	Plastics and synthetic resin materials, including molding and extrusion.....	15	(NA)	1
28601	Acetone, natural and synthetic.....	(2-5)	(NA)	(X)
28651	Toluene and xylene.....			
28652	Cyclic, intermediates and crudes, including ethyl benzene and chlorobenzene (monomer); synthetic organic dyes, pigments, lakes, and toners.....	4	(NA)	43
28655	Coal tar ⁵	1	(NA)	60
28692	Other synthetic organic chemicals.....	28	(NA)	1
28992	Evaporated salt.....	3	(NA)	14
28994	Fatty acids, including stearic, oleic, palmitic, etc.....	1	(NA)	1
29000	Refined petroleum products, including asphalt.....	8	(NA)	1
32740	Lime, including quicklime and hydrated lime, and dead-burned dolomite.....	14	(NA)	20
33100	Blast furnace products ⁴	6	(NA)	26
33300	Nonferrous metal smelter and refinery shapes, except zinc ⁴	(10-20)	(NA)	(X)
33560	Nonferrous metal mill shapes ⁵	16	(NA)	1
33991	Metal powders, flakes, and paste (ferrous and nonferrous).....	15	(NA)	28
34010	Metal containers, except collapsible tubes.....	16	(NA)	10

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 28: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
INDUSTRY 2819.--INDUSTRIAL INORGANIC CHEMICALS, N.E.C.--Continued				
Estimates based on the MA-131 Survey--Continued				
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers ¹	8	(NA)	42
35592	Special industry machinery and equipment.....	(5-10)	(NA)	(X)
36240	Carbon and graphite products ⁵	11	(NA)	1
90001	Metal scrap ⁵	(10-20)	(NA)	(X)
90006	Shipping supplies ⁵	4	(NA)	67
90007	Maintenance on machinery ⁵	24	(NA)	24
90008	Operating supplies ⁵	3	(NA)	10
92819	Other materials previously specified on the census report form ⁷	5	(NA)	14
99999	All other materials, parts, containers, and supplies, not reported above, including \$3 million for nonmaterials for 1972.....	104	(NA)	(X)
INDUSTRY 2821.--PLASTICS MATERIALS AND RESINS ⁶				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	2,120	(NA)	(X)
	Specified by kind ⁷	1,046	(NA)	(X)
	Not specified by kind (census code 976000) ³	31	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	1,043	(NA)	(X)
Estimates based on the MA-131 Survey:				
13210	Natural gas liquids ⁵	(10-20)	(NA)	(X)
20702	Fats and oils, animal, vegetable, and marine, except fatty acids.....	28	(NA)	10
22010	Fabrics made of cotton, wool, silk, and synthetic fibers.....	2	(NA)	1
24999	Wood flour.....	5	(NA)	1
26000	Paper and paperboard products, except paperboard boxes and containers.....	4	(NA)	5
26500	Paperboard boxes and containers ⁵	2	(NA)	2
28000	Chemical raw materials, n.e.c. ⁴	26	(NA)	1
28160	Inorganic pigments.....	21	(NA)	14
28190	All other industrial inorganic chemicals.....	108	(NA)	1
28210	Plastics and synthetic resin materials ⁵	27	(NA)	17
28220	Synthetic rubber ⁵	7	(NA)	1
28410	Soap and other detergents ⁵	3	(NA)	1
28610	Wood resin, turpentine, and other wood chemicals, including tall oil.....	19	(NA)	10
28651	Toluene and xylene ⁵	(2-5)	(NA)	(X)
28653	Cyclic crudes and intermediates, except those listed elsewhere.....	25	(NA)	1
28654	Synthetic dyes, pigments, lakes, and toners.....	16	(NA)	1
28655	Benzol (benzene).....	17	(NA)	1
28691	Glycols (ethylene, propylene, and other).....	23	(NA)	10
28692	All other synthetic organic chemicals, except medicinals.....	323	(NA)	1
28693	Cellulose esters and ethers, except cellulose acetate.....	4	(NA)	56
28695	Alcohol, ethyl, amyl, methyl, etc. ⁵	(under 2)	(NA)	(X)
28992	Evaporated salt ⁵	3	(NA)	1
29000	Refined petroleum products ⁵	26	(NA)	1
30790	Fabricated plastics products, except gaskets ⁵	(2-5)	(NA)	(X)
32000	Stone, clay, and glass materials ⁴	4	(NA)	31
34010	Metal containers, except collapsible tubes.....	23	(NA)	1
35590	Special industry machinery ⁵	(under 2)	(NA)	(X)
90005	Packing supplies ⁵	9	(NA)	50
90006	Shipping supplies ⁵	(under 2)	(NA)	(X)
90007	Maintenance on machinery ⁵	12	(NA)	1
90008	Operating supplies ⁵	12	(NA)	14
92821	Other materials previously specified on the census report form ⁷	43	(NA)	1
99999	All other materials, parts, components, containers, and supplies, not reported above.....	260	(NA)	(X)
INDUSTRY 2823.--CELLULOSIC MANMADE FIBERS				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	286	349	(X)
	Specified by kind.....	142	182	(X)
	Not specified by kind (census code 976000) ³	1	18	(X)
	Data obtained in MA-131 Survey (census code 970099).....	143	149	(X)
Estimates based on the MA-131 Survey:				
22010	Fabric made of cotton, wool, silk, and synthetic fibers.....	1	(NA)	1
22800	Yarn and thread materials ⁵	(10-20)	(NA)	(X)
28160	Inorganic pigments.....	-	2	(X)
28190	All other industrial inorganic chemicals.....	7	10	1
28210	Plastics and synthetic resin materials ⁵	(2-5)	(NA)	(X)
28402	Soaps, detergents, and sulfonated fats and oils.....	2	2	1
28654	Synthetic organic dyes and pigments, lakes, and toners.....	(2-5)	4	(X)
28692	All other synthetic organic chemicals, except medicinals.....	(50-100)	101	(X)
33100	Steel mill shapes and forms, except castings and forgings ⁵	(under 2)	(NA)	(X)
35591	Parts and attachments specially designed for chemical-industry machinery.....	(under 2)	(NA)	(X)
90007	Maintenance on machinery ⁵	(5-10)	(NA)	1
90008	Operating supplies ⁵	(5-10)	(NA)	1
99999	All other materials, parts, components, containers, and supplies not reported above.....	18	30	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 28: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 2824.--ORGANIC FIBERS, NONCELLULOSIC			
	Materials, parts, containers, and supplies, total.....	1,414	718	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ⁷	322	(D)	(X)
	Not specified by kind (census code 976000) ³	5	5	(X)
	Data obtained in MA-131 Survey (census code 970099).....	1,087	(D)	(X)
	Estimates based on the MA-131 Survey:			
12110	Bituminous coal ⁵	(2-5)	(NA)	(X)
14700	Crude chemical nonmetallic minerals ⁵	(under 2)	(NA)	(X)
22010	Fabric made of cotton, wool, silk, and synthetic fibers.....	(5-10)	(NA)	(X)
26000	Paper and paperboard products, except paperboard boxes and containers.....	7	20	1
28160	Inorganic pigments.....	10	15	1
28190	All other industrial inorganic chemicals.....	28	24	1
28210	Plastics and synthetic resin materials ⁵	64	(NA)	1
28213	Thermoplastic resins and plastics materials ⁵	(5-10)	(NA)	(X)
28214	Thermosetting resins and plastics materials ⁵	60	(NA)	1
28240	Noncellulosic organic fibers ⁵	(5-10)	(NA)	(X)
28402	Soaps, detergents, and sulfonated fats and oils.....	(5-10)	6	(X)
28653	Cyclic crudes and intermediates.....	133	51	1
28654	Synthetic organic dyes and pigments, lakes, and toners.....	21	13	1
28692	All other synthetic organic chemicals, except medicinals.....	546	85	1
28731	Synthetic ammonia, nitric acid, and ammonium compounds ⁵	(5-10)	(NA)	1
28990	Chemical preparation, n.e.c. ⁵	1	(NA)	1
29110	Petroleum, refined ⁵	(2-5)	(NA)	(X)
35591	Parts and attachments specially designed for chemical-industries machinery.....	26	(NA)	1
90005	Packing supplies ⁴	(under 2)	(NA)	(X)
90007	Maintenance on machinery ⁵	27	(NA)	(X)
90008	Operating supplies ⁵	(2-5)	(NA)	(X)
92824	Other materials previously specified on the census report form ⁷	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	111	272	(X)
	INDUSTRY 2833.--MEDICINALS AND BOTANICALS			
	Materials, parts, containers, and supplies, total.....	208	176	(X)
	Data requested in census of manufactures: ²			
	Specified by kind.....	40	-	(X)
	Not specified by kind (census code 976000) ³	10	-	(X)
	Data obtained in MA-131 Survey (census code 970099).....	158	176	(X)
	Estimates based on the MA-131 Survey:			
01910	Agricultural products (crude), including flowers, grains, seeds, herbs, etc.....	6	(NA)	1
08491	Forestry products (crude), including barks, gums, leaves, etc.....	(5-10)	-	(X)
20010	Processed food and kindred products, including chewing gum base, corn products, sugar, lactose, meatpacking plant products, yeast, syrups, etc.....	8	12	17
20480	Feed supplements and concentrates ⁵	(2-5)	(NA)	(X)
20702	Fats and oils, animal, vegetable, and marine.....	5	(NA)	1
26000	Paper and paperboard products, except paperboard boxes and containers.....	(under 2)	-	(X)
28120	Alkalies and chlorine.....	(2-5)	4	(X)
28190	Industrial inorganic chemicals, including salts of sodium, calcium, mercury, acids, etc., except medicinal.....	20	6	10
28330	Drugs, n.s.k. ⁴	12	(NA)	5
28337	All other medicinal and botanical drugs in bulk, uncompounded, except antibiotics, sulfa drugs, and vitamins.....	18	47	1
28349	Pharmaceutical preparations for veterinary use ⁵	(10-20)	(NA)	(X)
28413	Glycerin, soaps, and detergents.....	(under 2)	(NA)	(X)
28601	Acetone, natural and synthetic.....	1	-	1
28652	Cyclic crudes and intermediates; organic colors.....	3	34	1
28692	Other synthetic organic chemicals, except alcohol and medicinal chemicals.....	24	14	1
28695	Alcohol, methyl, amyl, ethyl, etc.....	3	12	10
28996	Gelatin (pharmaceutical grade) and gelatin capsules.....	1	-	1
29000	Refined petroleum products, including mineral oil, petrolatum, and wax.....	(2-5)	-	(X)
34660	Metal closures and crowns for glass or plastic containers.....	1	-	1
90007	Maintenance on machinery ⁵	(under 2)	(NA)	(X)
90008	Operating supplies ⁵	(under 2)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	17	26	(X)
	INDUSTRY 2834.--PHARMACEUTICAL PREPARATIONS			
	Materials, parts, containers, and supplies, total.....	1,372	903	(X)
	Data requested in census of manufactures: ²			
	Specified by kind.....	546	356	(X)
	Not specified by kind (census code 976000) ³	52	63	(X)
	Data obtained in MA-131 Survey (census code 970099).....	774	484	(X)
	Estimates based on the MA-131 Survey:			
01910	Agricultural products (crude), including flowers, grains, seeds, herbs, etc.....	10	5	1
02500	Eggs ⁵	(under 2)	(NA)	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 28: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972	1967	
		(a)	(b)	
INDUSTRY 2834.--PHARMACEUTICAL PREPARATIONS--Continued				
Estimates based on the MA-131 Survey--Continued				
08491	Forestry products (crude), including barks, gums, leaves, etc.....	2	2	1
20010	Processed food and kindred products, including chewing gum base, corn products, sugar, lactose, meatpacking plant products, yeast, syrups, etc.....	30	34	1
20110	Meat materials ⁵	(2-5)	(NA)	(X)
20480	Feed supplements and concentrates ⁵	(20-50)	(NA)	(X)
20702	Fats and oils, animal, vegetable, and marine.....	9	7	20
26000	Paper and paperboard products, except paperboard boxes and containers.....	21	16	1
27000	Printed labels, coupons, instructions, and other printed matter ⁵	(under 2)	(NA)	(X)
28120	Alkalies and chlorine.....	4	(NA)	1
28190	Industrial inorganic chemicals including salts of sodium, calcium, mercury, acids, etc., except medicinal.....	32	33	10
28310	Biological products ⁴	(2-5)	(NA)	(X)
28312	Blood derivatives and extenders.....	13	6	1
28330	Medicinals and botanicals ⁴	(10-20)	(NA)	(X)
28332	Acetylsalicylic acid.....	11	10	1
28333	Alkaloids.....	9	15	17
28335	Enzymes.....	2	2	1
28336	Hormones.....	31	28	10
28337	All other medicinal and botanical drugs in bulk, uncompounded, except antibiotics, sulfa drugs, and vitamins.....	143	116	1
28340	Pharmaceutical preparations ⁴	22	(NA)	1
28413	Glycerin, soaps, and detergents.....	5	7	10
28440	Toilet preparations ⁴	(2-5)	(NA)	(X)
28601	Acetone, natural and synthetic.....	5	4	1
28652	Cyclic crudes and intermediates; organic colors.....	12	19	1
28692	Other synthetic organic chemicals, except alcohol and medicinal chemicals.....	73	13	1
28695	Alcohol, methyl, amyl, ethyl, etc.....	12	13	14
28996	Gelatin (pharmaceutical grade) and gelatin capsules.....	31	18	10
29000	Refined petroleum products, including mineral oil, petrolatum, and wax.....	7	3	14
30690	Miscellaneous rubber materials ⁵	-	3	(X)
30790	Fabricated plastic products, except plastic containers.....	15	4	1
32000	Stone, clay, and glass materials ⁵	(under 2)	(NA)	(X)
33000	Primary metal materials ⁴	(2-5)	(NA)	(X)
34660	Metal closures and crowns for glass or plastic containers.....	16	7	1
38410	Surgical and medical instruments ⁵	13	5	10
90007	Maintenance on machinery ⁵	(5-10)	(NA)	(X)
90008	Operating supplies ⁵	5	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$2 million to \$5 million for nonmaterials for 1972.....	155	82	(X)
INDUSTRY 2841.--SOAP AND OTHER DETERGENTS				
Materials, parts, containers, and supplies, total.....		1,171	1,050	(X)
Data requested in census of manufactures: ²				
Specified by kind.....		750	657	(X)
Not specified by kind (census code 976000) ³		43	37	(X)
Data obtained in MA-131 Survey (census code 970099).....		378	356	(X)
Estimates based on the MA-131 Survey:				
01792	Copra ⁵	(2-5)	(NA)	(X)
20400	Grain mill materials ⁴	1	(NA)	(X)
20620	Refined sugar ⁵	(2-5)	(NA)	(X)
20770	Animal and marine fats and oils ⁵	(under 2)	(NA)	(X)
26000	Paper and paperboard products, except paperboard boxes and containers.....	10	21	16
27001	Labels, coupons, instructions, and other printed material.....	24	6	1
28012	Bleaching compounds, except optical bleaches.....	6	4	14
28120	Alkalies and chlorine.....	19	3	10
28190	All other industrial inorganic chemicals, except medicinal (sodium silicate, potassium hydroxide, sulfuric acid, boric acid, etc.).....	95	67	1
28210	Plastic and synthetic resin materials, including molding and extrusion.....	3	19	1
28414	Soap ⁵	(under 2)	(NA)	(X)
28415	Finished synthetic organic detergents (in bulk) for further processing.....	8	7	26
28430	Bulk surface active agents ⁵	31	(NA)	1
28610	Wood chemicals, including rosin, turpentine, and tall oil ⁵	(2-5)	(NA)	(X)
28652	Cyclic crudes and intermediates; synthetic organic dyes, lakes, and toners.....	2	2	20
28692	All other synthetic organic chemicals, including alcohols, DDT, halogenated hydrocarbons, insecticide and pesticide chemicals, perfume materials, except perfume oil mixtures and blends, ethanalamines, etc.	43	76	1
28992	Evaporated salt ⁵	(under 2)	(NA)	(X)
28994	Fatty acids, stearic, oleic, palmitic, etc.....	13	7	1
29000	Refined petroleum products, including mineral oil, naphtha solvents, petrolatum, waxes, etc.....	10	1	28
30790	Fabricated plastic products, except plastic containers.....	1	4	17
88888	Premiums.....	21	30	1
90007	Maintenance on machinery ⁵	(2-5)	(NA)	(X)
90008	Operating supplies ⁵	(under 2)	(NA)	(X)
92841	Other materials previously specified in the census report form ⁷	20	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	53	69	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 28: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 2842.--POLISHES AND SANITATION GOODS ⁶			
	Materials, parts, containers, and supplies, total.....	688	(NA)	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ⁷	233	(NA)	(X)
	Not specified by kind (census code 976000) ³	120	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	335	(NA)	(X)
	Estimates based on the MA-131 Survey:			
01390	Alfalfa ⁵	(10-20)	(NA)	(X)
24215	Wood chips ⁵	(2-5)	(NA)	(X)
26000	Paper and paperboard products, except paperboard boxes and containers.....	(under 2)	(NA)	(X)
27001	Labels, coupons, instructions, and other printed material.....	6	(NA)	28
28012	Bleaching compounds, except optical bleaches.....	6	(NA)	90
28120	Alkalies and chlorine.....	8	(NA)	28
28130	Industrial gases, compressed and liquefied, including argon, carbon dioxide, nitrogen, nitrous oxide, etc., but excluding halogenated hydrocarbons, see code 28692.....	6	(NA)	14
28190	All other industrial inorganic chemicals, except medicinal (sodium silicate, potassium hydroxide, sulfuric acid, boric acid, etc.).....	36	(NA)	17
28210	Plastic and synthetic resin materials, including molding and extrusion.....	8	(NA)	20
28415	Finished synthetic organic detergents (in bulk) for further processing.....	6	(NA)	24
28420	Cleaning and sanitation materials ⁵	(50-100)	(NA)	(X)
28510	Paints, lacquers, varnishes, shellacs, and enamels.....	4	(NA)	80
28692	All other synthetic organic chemicals; including alcohols, DDT, halogenated hydrocarbons, insecticide and pesticide chemicals, perfume materials; except perfume oil mixtures and blends, ethanolamines, etc....	27	(NA)	24
28990	Foundry chemicals, metal treating compounds and plating compounds ⁵	(5-10)	(NA)	(X)
28993	Essential oils, natural.....	(2)	(NA)	(X)
28994	Fatty acids, stearic, oleic, palmitic, etc.....	2	(NA)	65
29000	Refined petroleum products, including mineral oil, naphtha solvents, petrolatum, waxes, etc.....	7	(NA)	32
30790	Fabricated plastic products, except plastic containers.....	21	(NA)	26
34660	Crowns and closures ⁵	4	(NA)	20
34902	Fabricated metal pipe, valves, and pipe fittings.....	6	(NA)	30
92842	Other materials previously specified on the census report form ⁷	76	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	40	(NA)	(X)
	INDUSTRY 2843.--SURFACE ACTIVE AGENTS ⁹			
	Materials, parts, containers, and supplies, total.....	225	152	(X)
	Data requested in census of manufactures:			
	Specified by kind.....	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ³	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	225	152	(X)
	Estimates based on the MA-131 Survey:			
20000	Food and kindred products, including vegetable, animal, and marine oils ⁴	25	(NA)	22
26000	Paper and paperboard products, except paperboard boxes and containers.....	(under 2)	(NA)	(X)
28120	Alkalies and chlorine.....	7	(NA)	28
28130	Industrial gases, compressed and liquefied, including argon, carbon dioxide, nitrogen, nitrous oxide, etc., but excluding halogenated hydrocarbons, see code 28692.....	3	(NA)	69
28190	All other industrial inorganic chemicals, except medicinal (sodium silicate, potassium hydroxide, sulfuric acid, boric acid, etc.).....	20	(NA)	28
28415	Finished synthetic organic detergents (in bulk) for further processing.....	9	(NA)	55
28650	Cyclic crudes and intermediates ⁵	(under 2)	(NA)	(X)
28692	All other synthetic organic chemicals; including alcohols, DDT, halogenated hydrocarbons, insecticide and pesticide chemicals, perfume materials; except perfume oil mixtures and blends, ethanolamines, etc....	41	(NA)	22
28993	Essential oils, natural.....	30	(NA)	14
28994	Fatty acids, stearic, oleic, palmitic, etc.....	15	(NA)	24
29000	Refined petroleum products, including mineral oil, naphtha solvents, petrolatum, waxes, etc.....	48	(NA)	22
99999	All other materials, parts, components, containers, and supplies not reported above.....	26	(NA)	(X)
	INDUSTRY 2844.--TOILET PREPARATIONS			
	Materials, parts, containers, and supplies, total.....	1,090	699	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ⁷	585	319	(X)
	Not specified by kind (census code 976000) ³	65	83	(X)
	Data obtained in MA-131 Survey (census code 970099).....	440	297	(X)
	Estimates based on the MA-131 Survey:			
20702	Fats, oils, greases, and tallow; animal, including lanolin; marine; vegetable, including carnauba and other vegetable waxes.....	15	11	14
26000	Paper and paperboard products, except paperboard boxes and containers.....	10	3	10
27001	Labels, coupons, instructions, and other printed material.....	9	11	1
28130	Industrial gases, compressed and liquefied, including argon, carbon dioxide, nitrogen, nitrous oxide, etc., but excluding halogenated hydrocarbons, see code 28692.....	15	17	10
28160	Inorganic pigments.....	(NA)	1	(NA)
28190	All other industrial inorganic chemicals, except medicinal (sodium silicate, potassium hydroxide, sulfuric acid, boric acid, etc.).....	32	29	1
28200	Plastics and synthetic materials, n.e.c. ⁴	3	(NA)	35
28412	Glycerin, crude and refined.....	7	3	1

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 28: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
INDUSTRY 2844.--TOILET PREPARATIONS--Continued				
Estimates based on the MA-131 Survey--Continued				
28414	Soap.....	2	2	49
28415	Finished synthetic organic detergents (in bulk) for further processing.....	8	2	1
28430	Bulk surface active agents for emulsifiers, penetrants, wetting agents, detergents; sulfonated fats, oils, acids, and esters.....	19	22	1
28442	Perfume oil mixtures and blends.....	113	36	1
28445	Cosmetics and toilet preparations, n.e.c. ⁵	(2-5)	(NA)	(X)
28510	Paints, lacquers, varnishes, shellacs, and enamels.....	3	2	20
28600	Industrial organic chemicals ⁴	4	3	42
28692	All other synthetic organic chemicals; including alcohols, DDT, halogenated hydrocarbons, insecticide and pesticide chemicals, perfume materials; except perfume oil mixtures and blends, ethanolamines, etc..	79	52	1
28993	Essential oils, natural.....	28	12	10
28994	Fatty acids, stearic, oleic, palmitic, etc.....	6	2	10
29000	Refined petroleum products, including mineral oil, naphtha solvents, petrolatum, waxes, etc.....	10	3	26
30790	Fabricated plastic products, except plastic containers.....	5	16	14
32000	Stone, clay, and glass products ⁴	(2-5)	(NA)	(X)
32951	Nonmetallic minerals and earths, ground or otherwise treated, including talc, pumice, etc.....	5	2	35
34110	Metal cans ⁵	(2-5)	(NA)	(X)
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers ¹	5	11	10
35442	Industrial molds ⁵	(2-5)	(NA)	(X)
92844	Other materials previously requested on the census report form ⁷	10	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	42	57	(X)
INDUSTRY 2851.--PAINTS AND ALLIED PRODUCTS ⁹				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	1,855	1,461	(X)
	Specified by kind ⁷	1,213	892	(X)
	Not specified by kind (census code 976000) ³	229	268	(X)
	Data obtained in MA-131 Survey (census code 970099).....	413	300	(X)
Estimates based on the MA-131 Survey:				
08491	Forestry products, including crude lac.....	12	(NA)	38
10110	Iron ores ⁵	(2-5)	(NA)	(X)
13210	Natural gas liquids ⁵	(under 2)	(NA)	(X)
14000	Crude nonmetallic minerals ⁴	10	(NA)	35
22000	Textile products ⁴	(2-5)	(NA)	(X)
26000	Paper and paperboard products, except containers ⁵	2	(NA)	41
27000	Labels, coupons, instructions and other printed material ⁵	(2-5)	(NA)	(X)
28100	Industrial inorganic chemicals, n.e.c. ⁵	4	(NA)	10
28210	Plastics and synthetic resin materials ⁵	7	(NA)	36
28220	Synthetic rubber ⁵	7	(NA)	35
28430	Bulk surface active agents ⁵	(under 2)	(NA)	(X)
28510	Paints purchased for packing in aerosol containers.....	16	(NA)	24
28519	Purchased pigment dispersions.....	26	(NA)	22
28610	Wood chemicals such as rosin, turpentine and tall oil ⁵	(under 2)	(NA)	(X)
28650	Cyclic crudes and intermediates ⁴	4	(NA)	54
28690	Synthetic organic chemicals, n.e.c. ⁴	11	(NA)	26
28692	Other synthetic organic chemicals and chemical compounds such as mercury compounds used as fungicides...	28	(NA)	17
28950	Carbon black ⁵	(5-10)	(NA)	(X)
29000	Refined petroleum products ⁵	(under 2)	(NA)	(X)
30790	Miscellaneous plastics products ⁵	7	(NA)	24
32000	Stone, clay and glass products ⁴	1	(NA)	13
32951	Nonmetallic minerals and earths, ground or otherwise treated (mica, barite, kaolin, talc, soapstone, etc.)	27	(NA)	17
33000	Primary metals ⁴	(2-5)	(NA)	(X)
33991	Metal powders, flakes, and paste (ferrous and nonferrous).....	5	(NA)	32
34690	Metal stampings, n.e.c. ⁵	(under 2)	(NA)	(X)
90005	Packing supplies ⁵	7	(NA)	26
90007	Maintenance on machinery ⁵	(under 2)	(NA)	(NA)
90008	Operating supplies ⁵	2	(NA)	33
92851	Other materials previously specified on the census report form ⁷	107	(NA)	10
99999	All other materials, parts, components, containers, and supplies not reported above, including \$4 million for nonmaterials for 1972.....	96	(NA)	(X)
INDUSTRY 2865.--CYCLIC CRUDES AND INTERMEDIATES				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	946	751	(X)
	Specified by kind.....	274	167	(X)
	Not specified by kind (census code 976000) ³	41	83	(X)
	Data obtained in MA-131 Survey (census code 970099).....	631	501	(X)
Estimates based on the MA-131 Survey:				
01152	Corn cobs and grain hulls ⁵	(2-5)	(NA)	(X)
10010	Iron and ferroalloy ores, including tungsten, chromite, nickel, manganese, molybdenum, and cobalt.....	6	(NA)	46
10020	Nonferrous metal ores, including copper, mercury, vanadium, titanium, rutile, platinum, etc., but excluding bauxite.....	(under 2)	(NA)	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 28: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
INDUSTRY 2865.--CYCLIC CRUDES AND INTERMEDIATES--Continued				
Estimates based on the MA-131 Survey--Continued				
14010	Crude nonmetallic minerals, including limestone, clays, gypsum, talc, etc., but exclude crude chemical nonmetallic minerals.....	1	(NA)	26
14700	Crude chemical nonmetallic minerals, including barite, borate, potash, fluorspar, rock salt, etc., but excluding phosphate rock, sulfur and pyrites.....	1	4	1
26000	Paper and paperboard products, except paperboard boxes, containers, and woodpulp.....	1	(NA)	1
28000	Chemical raw materials, n.s.k. ⁴	2	(NA)	26
28130	Acetylene and other industrial gases, compressed and liquefied, including argon, carbon dioxide, nitrogen, nitrous oxide, etc.....	11	(NA)	10
28190	Other inorganic chemicals, except medicinal.....	49	100	1
28210	Plastics and synthetic resin materials, including molding and extrusion.....	6	11	1
28651	Toluene and xylene.....	99	21	1
28652	Cyclic intermediates and crudes, including ethyl benzene and chlorobenzene (monomer); synthetic organic dyes, pigments, lakes, and toners.....	164	122	1
28692	Other synthetic organic chemicals.....	107	50	1
28992	Evaporated salt.....	2	2	1
28994	Fatty acids, including stearic, oleic, palmitic, etc.....	1	1	1
29000	Refined petroleum products, including asphalt.....	7	3	1
33300	Nonferrous metal smelter and refinery shapes, except zinc.....	(2-5)	(NA)	(X)
33991	Metal powders, flakes, and paste, ferrous and nonferrous.....	1	6	17
34010	Metal containers, except collapsible tubes.....	13	9	10
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers ¹	6	3	17
90007	Maintenance on machinery ⁵	6	(NA)	(X)
90008	Operating supplies ⁵	11	(NA)	(X)
92865	Other materials previously specified on the census report form ⁷	24	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	103	119	(X)
INDUSTRY 2869.--INDUSTRIAL ORGANIC CHEMICALS, N.E.C.				
	Materials, parts, containers, and supplies, total.....	3,437	2,398	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ⁷	1,235	(D)	(X)
	Not specified by kind (census code 976000) ³	105	201	(X)
	Data obtained in MA-131 Survey (census code 970099).....	2,097	(D)	(X)
Estimates based on the MA-131 Survey:				
01152	Corncocks and grain hulls ⁵	(2-5)	(NA)	(X)
07230	Cotton linters ⁵	(5-10)	(NA)	(X)
09190	Miscellaneous marine products such as seaweed ⁵	(2-5)	(NA)	(X)
10010	Iron and ferroalloy ores, including tungsten, chromite, nickel, manganese, molybdenum, and cobalt.....	11	2	10
10020	Nonferrous metal ores, including copper, mercury, vanadium, titanium, rutile, platinum, etc., but excluding bauxite.....	24	6	1
12110	Bituminous coal ⁵	(5-10)	(NA)	(X)
13111	Crude petroleum used as raw material.....	(50-100)	(NA)	(X)
14010	Crude nonmetallic minerals, including limestone, clays, gypsum, talc, etc., but exclude crude chemical nonmetallic minerals.....	4	3	1
14700	Crude chemical nonmetallic minerals, including barite, borate, potash, fluorspar, rock salt, etc., but excluding phosphate rock, sulfur, and pyrites.....	35	23	1
20110	Meat materials ⁵	8	(NA)	1
20200	Dairy products, n.e.c. ⁴	2	(NA)	39
20400	Grain mill products ⁴	11	(NA)	9
20600	Sugar ⁴	(5-10)	4	(X)
20700	Fats and oils ⁴	9	(NA)	1
26000	Paper and paperboard products, except paperboard boxes, containers, and woodpulp.....	4	5	32
26112	Woodpulp.....	42	27	1
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	17	11	1
28120	Alkalies and chlorine ⁵	1	(NA)	24
28130	Acetylene and other industrial gases, compressed and liquefied, including argon, carbon dioxide, nitrogen, nitrous oxide, etc.....	54	12	1
28190	Other inorganic chemicals, except medicinal.....	179	193	1
28210	Plastics and synthetic resin materials, including molding and extrusion.....	37	17	1
28220	Synthetic rubber ⁵	(under 2)	(NA)	(X)
28330	Medicinal and botanical drugs, n.e.c. ⁴	(2-5)	(NA)	(X)
28601	Acetone, natural and synthetic.....	17	14	1
28610	Wood chemicals such as rosins, turpentine, and tall oil ⁵	1	(NA)	1
28650	Cyclic intermediates and crudes, n.e.c. ⁴	(20-50)	(NA)	(X)
28651	Toluene and xylene.....	42	25	1
28652	Cyclic intermediates and crudes, including ethyl benzene and chlorobenzene (monomer); synthetic organic dyes, pigments, lakes, and toners.....	164	37	1
28692	Other synthetic organic chemicals.....	552	422	1
28730	Nitrogenous fertilizers ⁵	2	(NA)	1
28990	Miscellaneous chemical preparations, n.e.c. ⁴	10	(NA)	1
28992	Evaporated salt.....	2	3	1
28993	Essential oils, natural ⁵	(2-5)	(NA)	(X)
28994	Fatty acids, including stearic, oleic, palmitic, etc.....	31	27	10
29000	Refined petroleum products, including asphalt.....	65	38	1
32740	Lime, including quicklime and hydrated lime, and dead-burned dolomite.....	7	4	14

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 28: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 2869.--INDUSTRIAL ORGANIC CHEMICALS, N.E.C.--Continued			
	Estimates based on the MA-131 Survey--Continued			
32950	Minerals and earths, ground or otherwise treated ⁵	5	(NA)	1
33300	Nonferrous metal smelter and refinery shapes, except zinc.....	122	62	1
33991	Metal powders, flakes, and paste, ferrous and nonferrous.....	16	11	1
34010	Metal containers, except collapsible tubes.....	43	42	1
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers ¹	13	20	1
49410	Purchased water ⁵	2	(NA)	1
90005	Packing supplies ⁵	(5-10)	(NA)	(X)
90007	Maintenance on machinery ⁵	17	(NA)	(X)
90008	Operating supplies ⁵	7	(NA)	(X)
92869	Other materials previously specified on the census report form ⁷	18	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	401	309	(X)
	INDUSTRY 2879.--AGRICULTURAL CHEMICALS, N.E.C. ⁶			
	Materials, parts, containers, and supplies, total.....	415	(NA)	(X)
	Data requested in census of manufactures: ²			
	Specified by kind.....	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ³	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	415	(NA)	(X)
	Estimates based on the MA-131 Survey:			
01150	Corn cobs and grain hulls ⁵	(2-5)	(NA)	(X)
14770	Sulfur, crude.....	6	(NA)	19
20000	Food products ⁴	15	(NA)	20
26000	Paper products, including multiwall bags, and paperboard products, except paperboard boxes and containers.....	6	(NA)	16
28000	Chemical raw materials, n.s.k. ⁴	6	(NA)	10
28120	Alkalies and chlorine.....	10	(NA)	10
28190	Other industrial inorganic chemicals, including anhydrous ammonia, boric acid, and other acids, etc.....	92	(NA)	10
28652	Cyclic crudes and intermediates; synthetic dyes, lakes, toners, and pigments.....	28	(NA)	10
28692	Other synthetic organic chemicals, n.e.c.....	119	(NA)	14
28790	Agricultural chemicals, n.e.c. ⁵	34	(NA)	22
29000	Refined petroleum products, including naphtha solvents.....	17	(NA)	41
32950	Minerals and earths, ground or treated ⁵	(under 2)	(NA)	(X)
34902	Valves and pipe fittings ⁵	(under 2)	(NA)	(X)
34990	Fabricated metal products, n.e.c. ⁵	(under 2)	(NA)	(X)
90008	Operating supplies ⁵	(under 2)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$5 million to \$10 million for nonmaterials for 1972.....	70	(NA)	(X)
	INDUSTRY 2891.--ADHESIVES AND SEALANTS ⁶			
	Materials, parts, containers, and supplies, total.....	459	(NA)	(X)
	Data requested in census of manufactures: ²			
	Specified by kind.....	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ³	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	459	(NA)	(X)
	Estimates based on the MA-131 Survey:			
08490	Forestry products (crude), including barks, gums, leaves, lac, etc. ⁵	4	(NA)	5
14010	Crude nonmetallic minerals, including clays, sand, gypsum, etc., except chemical.....	8	(NA)	4
20110	Glue stock and killing floor offal, scrap, and bones.....	10	(NA)	3
20460	Corn mill products ⁵	5	(NA)	8
20702	Fats, oils, greases, and tallow, including animal, vegetable, and marine.....	3	(NA)	18
26000	Paper and paperboard products, except paperboard boxes and containers.....	3	(NA)	4
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	7	(NA)	6
28120	Alkalies and chlorine.....	3	(NA)	2
28130	Acetylene and other industrial gases ⁵	(2-5)	(NA)	(X)
28160	Inorganic pigments.....	4	(NA)	7
28190	Industrial inorganic chemicals, including acids, sodium compounds, anhydrous ammonia, etc., except medicinals.....	24	(NA)	4
28210	Plastics and resin materials, synthetic.....	63	(NA)	3
28220	Synthetic rubber elastomers.....	31	(NA)	5
28610	Wood rosin, turpentine, and other wood chemicals, including tall oil.....	23	(NA)	8
28652	Cyclic intermediates and crudes; synthetic dyes, lakes, toners, and pigments.....	12	(NA)	2
28690	Industrial organic chemicals, n.e.c. ⁴	(2-5)	(NA)	(X)
28692	Other synthetic organic chemicals.....	99	(NA)	1
28730	Nitrogenous fertilizers ⁵	(under 2)	(NA)	(X)
28910	Glues and adhesives.....	(5-10)	(NA)	(X)
28950	Carbon black.....	(2)	(NA)	(X)
28990	Chemical preparations, n.e.c.....	(2-5)	(NA)	(X)
29000	Refined petroleum products, including naphtha solvents, petrolatum, waxes, etc.....	23	(NA)	4
30690	Fabricated rubber products ⁵	(5-10)	(NA)	(X)
30790	Miscellaneous plastics products ⁵	2	(NA)	7
32950	Minerals, ground or treated ⁵	(under 2)	(NA)	(X)
33533	Sheet and plate steel ⁵	(under 2)	(NA)	(X)
34010	Metal containers, except collapsible tubes.....	31	(NA)	2
34100	Metal containers ⁵	(2-5)	(NA)	(X)
90008	Operating supplies ⁵	(under 2)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	72	(NA)	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 28: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
	INDUSTRY 2893.--PRINTING INK			
	Materials, parts, containers, and supplies, total.....	262	192	(X)
	Data requested in census of manufactures: ⁸			
	Specified by kind.....	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ³	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	262	(NA)	(X)
	Estimates based on the MA-131 Survey:			
14010	Crude nonmetallic minerals, including clays, sand, gypsum, etc., except chemical.....	2	(NA)	6
20702	Fats, oils, greases, and tallow, including animal, vegetable, and marine.....	4	(NA)	19
28160	Inorganic pigments.....	47	(NA)	5
28190	Industrial inorganic chemicals, including acids, sodium compounds, anhydrous ammonia, etc., except medicinals.....	2	(NA)	1
28210	Plastics and resin materials, synthetic.....	21	(NA)	5
28220	Synthetic rubber elastomers.....	5	(NA)	3
28420	Polishes and sanitation goods ⁵	(under 2)	(NA)	(X)
28510	Lacquers, shellacs, varnishes, paints, and enamels.....	22	(NA)	2
28610	Wood rosin, turpentine, and other wood chemicals, including tall oil.....	9	(NA)	6
28652	Cyclic intermediates and crudes; synthetic dyes, lakes, toners, and pigments.....	51	(NA)	5
28692	Other synthetic organic chemicals.....	12	(NA)	7
28950	Carbon black.....	30	(NA)	3
29000	Refined petroleum products, including naphtha solvents, petrolatum, waxes, etc.....	22	(NA)	4
34010	Metal containers, except collapsible tubes.....	9	(NA)	5
90007	Maintenance on machinery ⁵	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	22	(NA)	(X)
	INDUSTRY 2899.--CHEMICAL PREPARATIONS, N.E.C.			
	Materials, parts, containers, and supplies, total.....	913	571	(X)
	Data requested in census of manufactures: ⁸			
	Specified by kind.....	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ³	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	913	(NA)	(X)
	Estimates based on the MA-131 Survey:			
08491	Forestry products (crude), including barks, gums, leaves, lac, etc. ⁵	(under 2)	(NA)	(X)
10410	Gold ⁵	(10-20)	(NA)	(X)
10440	Silver ⁵	(2-5)	(NA)	(X)
14010	Crude nonmetallic minerals, including clays, sand, gypsum, etc., except chemical.....	35	(NA)	7
20110	Glue stock and killing floor offal, scrap, and bones.....	54	(NA)	3
20410	Grain mill products ⁵	(under 2)	(NA)	(X)
20460	Corn mill products ⁵	2	(NA)	9
20480	Feeds, supplements, and concentrates ⁵	2	(NA)	10
20702	Fats, oils, greases, and tallow, including animal, vegetable, and marine.....	107	(NA)	2
23990	Fabricated textile products, n.e.c. ⁵	(under 2)	(NA)	(X)
26000	Paper and paperboard products, except paperboard boxes and containers.....	29	(NA)	7
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	34	(NA)	4
28000	Chemical raw materials ⁴	(5-10)	(NA)	(X)
28120	Alkalies and chlorine.....	12	(NA)	11
28160	Inorganic pigments.....	9	(NA)	7
28190	Industrial inorganic chemicals, including acids, sodium compounds, anhydrous ammonia, etc., except medicinals.....	155	(NA)	1
28210	Plastics and resin materials, synthetic.....	42	(NA)	4
28220	Synthetic rubber elastomers.....	3	(NA)	3
28440	Perfume oils ⁵	(under 2)	(NA)	(X)
28510	Lacquers, shellacs, varnishes, paints, and enamels.....	1	(NA)	1
28610	Wood rosin, turpentine, and other wood chemicals, including tall oil.....	38	(NA)	1
28652	Cyclic intermediates and curdes; synthetic dyes, lakes, toners, and pigments.....	4	(NA)	5
28690	Industrial organic chemicals, n.e.c. ⁴	(under 2)	(NA)	(X)
28691	Miscellaneous cyclic chemical products ⁵	(5-10)	(NA)	(X)
28692	Other synthetic organic chemicals.....	103	(NA)	2
28950	Carbon black.....	2	(NA)	5
28990	Miscellaneous chemical preparations ⁴	30	(NA)	5
28993	Essential oils, natural ⁵	13	(NA)	13
28996	Gelatin (pharmaceutical grade) and gelatin capsules ⁵	(D)	(NA)	16
29000	Refined petroleum products, including naphtha solvents, petrolatum, waxes, etc.....	42	(NA)	6
30790	Miscellaneous plastics products ⁵	(under 2)	(NA)	(X)
32410	Cement ⁵	(2-5)	(NA)	(X)
32951	Minerals, ground or treated ⁵	(2-5)	(NA)	(X)
33120	Steel mill products ⁵	(2-5)	(NA)	(X)
33530	Aluminum sheet, plate and foil ⁵	(under 2)	(NA)	(X)
34010	Metal containers, except collapsible tubes.....	40	(NA)	1
34600	Metal stampings ⁴	(2-5)	(NA)	(X)
90005	Packing supplies ⁵	2	(NA)	(X)
90007	Maintenance on machinery ⁵	9	(NA)	(X)
90008	Operating supplies ⁵	3	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	91	(NA)	(X)

See footnotes on next page.

Materials Consumed by Kind for Selected Industries in Major Group 28: 1972 and 1967—Continued

(Footnotes for Major Group 28)

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
(Z) Less than half of the unit of measurement shown.

¹Estimates having associated relative standard errors exceeding 15 percent are of limited reliability. However, they may be combined into broader aggregates which are of acceptable reliability. See Explanatory Text for methodology. The 1972 standard errors may be used as approximations of the relative errors for the 1967 estimates. This general relationship may not hold for specific materials costs estimates due to the difference in the 2 sample designs.

²See table 7A of the 1972 Census of Manufactures final Industry series (MC72(2)) for quantity and cost data of the individual materials collected in the census of manufactures.

³Represents the total cost of materials for establishments that did not report detail materials data, and includes estimates for companies whose data were estimated based on administrative records. (See section titled "The Census Report Forms" in Introduction for discussion of administrative records.)

⁴Represents data requested at a finer level of detail in the MA-131 Survey, but which have been aggregated to avoid disclosing figures for individual companies. This aggregated total excludes any data published at a finer level in either the census or the MA-131 Survey.

⁵Not separately listed on the MA-131 Survey report form. The cost estimate represents only the data reported by establishments consuming \$25,000 or more of this material as instructed on the report form.

⁶Comparable data for 1967 are not available due to the 1972 SIC revision.

⁷Detail cost of materials as reported in the census of manufactures is understated by the amount shown in "Other materials previously requested on the census report form."

⁸No materials detail was collected in the census.

⁹Not included in the MA-131 Survey in 1967.

SECTION II, PART 1—Continued

CHAPTER 2. **Major Group 30—Rubber and Miscellaneous Plastics Products**

This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. Establishments primarily manufacturing tires are included, but automobile tire repair shops engaged in recapping and retreading automobile tires are classified in services. Also included are establishments engaged in molding primary plastics for the trade and manufacturing miscellaneous

finished plastics products. The manufacture of elastic webbing is classified in Major Group 22, products made of elastic webbing and garments made from rubberized fabrics in Major Group 23, and synthetic rubber in industry 2822.

The following industries in this major group are those for which information was obtained in the **1972 Census of Manufactures Supplemental Inquiry; Consumption of Materials, Parts, Containers and Supplies During 1972**, on Form MA-131. They are included in this report.

SIC Codes and Titles

- 3069—Fabricated Rubber Products, N.E.C.**
- 3079—Miscellaneous Plastics Products**

Materials Consumed by Kind for Selected Industries in Major Group 30: 1972 and 1967

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 3069.--FABRICATED RUBBER PRODUCTS, N.E.C. ^{2 3}			
	Materials, parts, containers, and supplies, total.....	1,104	(NA)	(X)
	Data requested in census of manufactures: ⁴			
	Specified by kind ⁵	566	(NA)	(X)
	Not specified by kind (census code 976000) ⁶	138	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	400	(NA)	(X)
	Estimates based on the MA-131 Survey:			
12110	Coal ⁷	(2-5)	(NA)	(X)
22000	Textile products ⁸	22	(NA)	21
24400	Wood containers ⁸	3	(NA)	57
26000	Paper and paperboard products, except paperboard boxes and containers.....	7	(NA)	42
28000	Chemical raw materials, n.e.c. ⁸	12	(NA)	15
28160	Inorganic pigments ⁷	4	(NA)	51
28650	Cyclic crudes and intermediates ⁷	1	(NA)	24
28690	Industrial organic chemicals, n.e.c. ⁷	3	(NA)	24
28910	Adhesives and sealants ⁷	3	(NA)	58
29000	Refined petroleum products ⁷	(under 2)	(NA)	(X)
30690	Fabricated rubber products, except gaskets.....	22	(NA)	26
30790	Fabricated plastic products, including laminated plastic parts, except gaskets.....	48	(NA)	26
31111	Leather ⁷	(under 2)	(NA)	(X)
32900	Nonmetallic mineral products, n.e.c. ⁸	2	(NA)	25
32951	Nonmetallic minerals and earths, ground or otherwise treated.....	2	(NA)	69
33000	Steel mill products, n.e.c. ⁸	7	(NA)	11
33100	Steel mill shapes and forms, except castings, forgings, and steel wire.....	23	(NA)	32
33200	Iron and steel castings.....	23	(NA)	30
34000	Fabricated metal products, n.e.c. ⁸	22	(NA)	22
34690	Metal stampings ⁷	7	(NA)	47
35594	Parts and attachments specially designed for rubber-working machinery.....	7	(NA)	48
49410	Purchased water ⁷	(under 2)	(NA)	(X)
90002	Scrap, other than metal ⁷	9	(NA)	(X)
90003	Office supplies ⁷	2	(NA)	(X)
90005	Packing supplies ⁷	(under 2)	(NA)	(X)
90007	Maintenance on machinery ⁷	11	(NA)	(X)
90008	Operating supplies ⁷	2	(NA)	(X)
93069	Other materials previously specified on the census report form ⁵	26	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	122	(NA)	(X)
	INDUSTRY 3079.--MISCELLANEOUS PLASTICS PRODUCTS ^{2 3}			
	Materials, parts, containers, and supplies, total.....	4,329	(NA)	(X)
	Data requested in census of manufactures: ⁴			
	Specified by kind ⁵	2,315	(NA)	(X)
	Not specified by kind (census code 976000) ⁶	779	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	1,235	(NA)	(X)
	Estimates based on the MA-131 Survey:			
07230	Cotton linters ⁷	(2-5)	(NA)	(X)
20750	Soybean oil mill products ⁷	(under 2)	(NA)	(X)
22000	Textile products ⁸	23	(NA)	27
23810	Glove lining ⁷	(2-5)	(NA)	(X)
23920	Textile housefurnishings ⁷	(under 2)	(NA)	(X)
24000	Lumber products, n.e.c. ⁸	5	(NA)	63
24480	Wood pallets and skids ⁷	3	(NA)	45
24920	Particleboard ⁷	4	(NA)	56
24991	Hard-pressed fiberboard, purchased hardboard.....	14	(NA)	38
26000	Paper and paperboard products, except paperboard boxes and containers.....	125	(NA)	10
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	129	(NA)	1
27500	Commercial printed materials ⁷	(under 2)	(NA)	(X)
28000	Chemical raw materials, n.e.c. ⁸	9	(NA)	50
28120	Alkalies and chlorine ⁷	8	(NA)	20
28160	Inorganic pigments.....	30	(NA)	20
28190	Industrial inorganic chemicals ⁷	10	(NA)	20
28210	Plastics materials and resins ⁷	21	(NA)	20
28200	Plastics materials and synthetics ⁸	9	(NA)	49
28220	Synthetic rubber ⁵	19	(NA)	22
28400	Soaps and cleaners ⁸	(2-5)	(NA)	(X)
28510	Paint materials ⁷	5	(NA)	46
28600	Industrial organic chemicals ⁸	14	(NA)	31
28654	Synthetic dyes, pigments, lakes, and toners.....	42	(NA)	62
28690	Miscellaneous organic chemicals, n.e.c. ⁷	66	(NA)	8
28910	Adhesives and sealants ⁷	6	(NA)	25
28930	Printing ink ⁷	5	(NA)	47
28990	Chemical preparations, n.e.c. ⁷	3	(NA)	22
29000	Refined petroleum products ⁷	1	(NA)	29
30690	Fabricated rubber products ⁷	18	(NA)	29
30790	Miscellaneous plastics products ⁸	74	(NA)	47
30791	Unsupported plastics film, sheets, rods, and tubes ⁷	4	(NA)	56
30792	Foamed plastics products ⁷	13	(NA)	45

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 30: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
INDUSTRY 3079.--MISCELLANEOUS PLASTICS PRODUCTS--Continued				
Estimates based on the MA-131 Survey--Continued				
30793	Laminated plastics sheets, rods and tubes ⁷	10	(NA)	57
30799	Custom compounded resins, purchased.....	74	(NA)	14
32000	Stone, clay and glass products ⁸	10	(NA)	51
32910	Grinding wheels and other abrasive products.....	1	(NA)	42
32951	Nonmetallic minerals and earths, ground or otherwise treated.....	6	(NA)	30
33000	Primary metal products, n.e.c. ⁸	8	(NA)	35
33100	Basic steel products ⁸	18	(NA)	39
33510	Copper wire, tubes, sheets, etc. ⁷	9	(NA)	24
33530	Aluminum sheet, plate, and foil ⁷	7	(NA)	10
34000	Fabricated metal products, n.e.c. ⁸	21	(NA)	28
34200	Cutlery, handtools, and general hardware ⁷	2	(NA)	74
34290	Metal hardware.....	8	(NA)	40
34500	Screw machine products ⁷	4	(NA)	9
34690	Metal stampings ⁷	16	(NA)	20
34970	Metal foil and leaf ⁷	9	(NA)	1
35000	Nonelectrical machinery ⁸	2	(NA)	35
35550	Printing equipment ⁷	(2-5)	(NA)	(X)
35593	Parts and attachments specially designed for plastics-working machinery.....	35	(NA)	20
36000	Electrical and electronic machinery ⁸	14	(NA)	54
36430	Current-carrying wiring devices ⁷	3	(NA)	45
39000	Toys, sports equipment, miscellaneous notions, etc. ⁸	5	(NA)	80
90005	Packing supplies ⁷	4	(NA)	(X)
90006	Shipping supplies ⁷	2	(NA)	(X)
90007	Maintenance on machinery ⁷	13	(NA)	(X)
90008	Operating supplies ⁷	14	(NA)	(X)
93079	Other materials previously specified on the census report form ⁵	48	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$10 million for nonmaterials for 1972.....	208	(NA)	(X)

(X) Not applicable. (NA) Not available.

¹Estimates having associated relative standard errors exceeding 15 percent are of limited reliability. However, they may be combined into broader aggregates which are of acceptable reliability. See Explanatory Text for methodology. The 1972 standard errors may be used as approximations of the relative errors for the 1967 estimates. This general relationship may not hold for specific materials costs estimates due to the difference in the 2 sample designs.

²Comparable data for 1967 are not available due to the 1972 SIC revision.

³Not included in the MA-131 Survey in 1967.

⁴See table 7A of the 1972 Census of Manufactures final Industry series (MC72(2)) for quantity and cost data of the individual materials collected in the census of manufactures.

⁵The detail cost of materials as reported in the census of manufactures is understated by the amount shown in "Other materials previously requested on the census report form."

⁶Represents the total cost of materials for establishments that did not report detail materials data, and includes estimates for companies whose data were estimated based on administrative records. (See section titled "The Census Report Forms" in Introduction for discussion of administrative records.)

⁷Not separately listed on the MA-131 Survey report form. The cost estimate represents only the data reported by establishments consuming \$25,000 or more of this material as instructed on the report form.

⁸Represents data requested at a finer level of detail in the MA-131 Survey, but which have been aggregated to avoid disclosing figures for individual companies. This aggregated total excludes any data published at a finer level in either the census or the MA-131 Survey.

SECTION II, PART 1—Continued

CHAPTER 3. **Major Group 32—Stone, Clay, and Glass Products**

This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete, and gypsum products, cut-stone products, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining activities are

classified in mining industries. When separate reports are not available, the mining activities are classified herein with the manufacturing operations.

The following industries in this major group are those for which information was obtained in the **1972 Census of Manufactures Supplemental Inquiry; Consumption of Materials, Parts, Containers and Supplies During 1972**, on Form MA-131. They are included in this report.

SIC Codes and Titles

3221—Glass Containers
3229—Pressed and Blown Glass, N.E.C.
3241—Cement, Hydraulic
3291—Abrasive Products

3292—Asbestos Products
3295—Minerals, Ground or Treated
3296—Mineral Wool
3297—Nonclay Refractories

Materials Consumed by Kind for Selected Industries in Major Group 32: 1972 and 1967

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 3221.--GLASS CONTAINERS ²			
	Materials, parts, containers, and supplies, total.....	620	407	(X)
	Data requested in census of manufactures: ³			
	Specified by kind ⁴	(D)	271	(X)
	Not specified by kind (census code 976000) ⁵	2	6	(X)
	Data obtained in MA-131 Survey (census code 970099).....	(D)	130	(X)
	Estimates based on the MA-131 Survey:			
14292	Crushed and broken stone, not ground or treated.....	(2-5)	(NA)	(X)
24480	Wood pallets and skids ⁶	(under 2)	(NA)	(X)
28190	Industrial inorganic chemicals.....	(10-20)	(NA)	(X)
28510	Paint materials ⁶	(under 2)	(NA)	(X)
29000	Refined petroleum products ⁶	(under 2)	(NA)	(X)
30790	Miscellaneous plastics products ⁶	(under 2)	(NA)	(X)
32210	Glass containers ⁶	(5-10)	(NA)	(X)
32740	Quicklime.....	18	(NA)	24
32910	Grinding wheels and other abrasive products.....	(Z)	(NA)	(X)
32951	Nonmetallic minerals and earths, ground or otherwise treated, barite, feldspar, fluorspar, etc.....	59	(NA)	10
34230	Hand and edge tools, including files, rasps, etc., except saws and sawblades.....	(2-5)	(NA)	(X)
34660	Metal closures and crowns ⁶	(2-5)	(NA)	(X)
35440	Special dies and tools ⁶	(10-20)	(NA)	(X)
35442	Industrial molds ⁶	(under 2)	(NA)	(X)
35595	Parts specially designed for bottle-forming and glassmaking machinery and equipment.....	29	(NA)	14
90007	Maintenance on machinery ⁶	(5-10)	(NA)	(X)
90008	Operating supplies ⁶	(10-20)	(NA)	(X)
93221	Other materials previously specified on the census report form ⁴	(5-10)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	47	(NA)	(X)
	INDUSTRY 3229.--PRESSED AND BLOWN GLASS, N.E.C. ²			
	Materials, parts, containers, and supplies, total.....	257	185	(X)
	Data requested in census of manufactures: ³			
	Specified by kind.....	127	(D)	(X)
	Not specified by kind (census code 976000) ⁵	4	(D)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	126	97	(X)
	Estimates based on the MA-131 Survey:			
26500	Paperboard boxes and containers, including folding, fiber, and setup, except corrugated.....	2	(NA)	30
28190	Industrial inorganic chemicals, except sodium sulfate.....	16	(NA)	28
28510	Paints, varnishes, lacquers, and enamels.....	3	(NA)	28
28910	Glues and adhesives ⁶	(2-5)	(NA)	(X)
30690	Fabricated rubber products ⁶	(5-10)	(NA)	(X)
30790	Fabricated plastics products ⁶	(under 2)	(NA)	(X)
32910	Abrasives and abrasive products.....	1	(NA)	35
32951	Nonmetallic minerals and earths, ground or otherwise treated, barite, fluorspar, feldspar, etc.....	26	(NA)	20
33560	Nonferrous metal mill shapes and forms ⁶	(under 2)	(NA)	(X)
34230	Hand and edge tools, including files, rasps, etc., except saws and sawblades.....	1	(NA)	44
34690	Metal stampings ⁶	(5-10)	(NA)	(X)
35440	Special dies and tools ⁶	(under 2)	(NA)	(X)
35522	Parts and attachments designed for textile machinery ⁶	(2-5)	(NA)	(X)
35595	Parts specially designed for glassmaking machinery and equipment.....	2	(NA)	14
36240	Carbon and graphite products ⁶	(5-10)	(NA)	(X)
36310	Cooking burners ⁶	(2-5)	(NA)	(X)
36430	Appliance outlets, switches, lampholders, connectors, and other current-carrying devices.....	(2-5)	(NA)	(X)
90007	Maintenance on machinery ⁶	(2-5)	(NA)	(X)
90008	Operating supplies ⁶	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	34	(NA)	(X)
	INDUSTRY 3241.--CEMENT, HYDRAULIC ²			
	Materials, parts, containers, and supplies, total.....	349	228	(X)
	Data requested in census of manufactures: ³			
	Specified by kind ⁴	119	157	(X)
	Not specified by kind (census code 976000) ⁵	19	11	(X)
	Data obtained in MA-131 Survey (census code 970099).....	211	146	(X)
	Estimates based on the MA-131 Survey:			
10110	Iron ores ⁶	2	(NA)	41
14500	Nonmetallic minerals, including purchased clay.....	27	(NA)	14
14920	Gypsum ⁶	5	(NA)	46
24480	Wood pallets and skids ⁶	2	(NA)	28
26430	Cement bags ⁶	1	(NA)	30
28199	Inorganic chemicals, n.e.c. ⁶	(under 2)	(NA)	(X)
28210	Synthetic resins used as grinding aids.....	3	(NA)	20
28921	High explosives and blasting accessories.....	4	(NA)	10
29000	Refined petroleum products ⁶	2	(NA)	24
30110	Tires and inner tubes ⁶	1	(NA)	32
30410	Rubber and plastics hose and belting ⁶	(Z)	(NA)	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 32: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 3241.--CEMENT, HYDRAULIC--Continued			
	Estimates based on the MA-131 Survey--Continued			
32410	Cement ⁶	(2-5)	(NA)	(X)
32910	Grinding wheels and other abrasive products ⁶	5	(NA)	24
32951	Nonmetallic minerals and earths, ground or otherwise treated, including granulated slag and uncalcined gypsum.....	42	(NA)	(X)
32970	Nonclay refractories ⁶	(under 2)	(NA)	(X)
33100	Steel mill shapes and forms, except castings and forgings.....	5	(NA)	20
33159	Fabricated ferrous wire products ⁶	(under 2)	(NA)	(X)
35191	Parts and accessories specially designed for internal combustion engines, except automobile and truck engines.....	1	(NA)	33
35310	Parts and attachments specially designed for loaders, tracklaying tractors, power shovels, and other construction machinery.....	10	(NA)	37
35595	Cement industry machinery and equipment ⁶	2	(NA)	10
90007	Maintenance on machinery ⁶	20	(NA)	(X)
90008	Operating supplies ⁶	13	(NA)	(X)
93241	Other materials previously specified on the census report forms ⁴	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$2 million to \$5 million for nonmaterials for 1972.....	55	(NA)	(X)
	INDUSTRY 3291.--ABRASIVE PRODUCTS ²			
	Materials, parts, containers, and supplies, total.....	310	264	(X)
	Data requested in census of manufactures: ³			
	Specified by kind ⁷	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ⁵	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	310	(NA)	(X)
	Estimates based on the MA-131 Survey:			
14000	Miscellaneous nonmetallic minerals, n.e.c. ⁸	8	(NA)	8
14990	Natural abrasive materials and other nonmetallic minerals ⁶	20	(NA)	5
22010	Cotton and synthetic fabrics, broadwoven and narrow woven.....	44	(NA)	3
26000	Paper and paperboard products, except paperboard boxes and containers and paper shipping sacks.....	8	(NA)	1
26433	*Paper shipping sacks, including multiwall bags.....	2	(NA)	17
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	10	(NA)	3
28190	Industrial inorganic chemicals ⁶	11	(NA)	7
28195	Alumina.....	6	(NA)	20
28200	Plastics materials and synthetics, n.e.c. ⁶	(2-5)	(NA)	(X)
28210	Plastics and synthetic resin materials.....	7	(NA)	3
28690	Synthetic organic chemicals ⁶	(5-10)	(NA)	(X)
28910	Glues and adhesives, including phenolic resins.....	19	(NA)	2
30790	Fabricated plastic products, except gaskets.....	1	(NA)	4
32040	Refractories, clay and nonclay.....	1	(NA)	19
32910	Abrasive products, all types ⁸	115	(NA)	1
32912	Nonmetallic bonded abrasive products ⁶	(D)	(NA)	(X)
32951	Nonmetallic minerals and earths, ground or otherwise treated; dead-burned magnesite, ground magnesite, natural graphite, etc.....	1	(NA)	2
33100	Steel mill shapes and forms, except castings and forgings.....	5	(NA)	21
33390	Primary nonferrous metals ⁶	(under 2)	(NA)	(X)
36240	Carbon and graphite products ⁶	1	(NA)	11
39152	Precious and semiprecious stones ⁶	(2-5)	(NA)	(X)
39157	Diamond bort.....	10	(NA)	15
90001	Metal scrap ⁶	(2-5)	(NA)	(X)
90007	Maintenance on machinery ⁶	1	(NA)	(X)
90008	Operating supplies ⁶	(under 2)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	25	(NA)	(X)
	INDUSTRY 3292.--ASBESTOS PRODUCTS ²			
	Materials, parts, containers, and supplies, total.....	289	228	(X)
	Data requested in census of manufactures: ³			
	Specified by kind ⁴	136	112	(X)
	Not specified by kind (census code 976000) ⁵	9	12	(X)
	Data obtained in MA-131 Survey (census code 970099).....	144	104	(X)
	Estimates based on the MA-131 Survey:			
01310	Raw cotton.....	(under 2)	(NA)	(X)
08490	Forestry products including lac, gums, etc. ⁶	(under 2)	(NA)	(X)
14000	Nonmetallic crude minerals ⁸	1	(NA)	46
14200	Crushed and broken stone ⁶	4	(NA)	26
24000	Lumber products ⁸	3	(NA)	26
26000	Paper and paperboard products, except paperboard boxes and containers.....	3	(NA)	30
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	11	(NA)	24
28000	Chemical raw materials, n.e.c. ⁸	3	(NA)	6
28100	Industrial inorganic chemicals ⁸	2	(NA)	31
28200	Plastics materials and synthetics ⁸	6	(NA)	64
28510	Paints, varnishes, lacquers, and enamels.....	(Z)	(NA)	(X)
28690	Industrial organic materials ⁸	4	(NA)	26
28910	Glues and adhesives.....	3	(NA)	20
29000	Refined petroleum products, including asphalt.....	6	(NA)	14

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 32: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972	1967	
		(a)	(b)	
INDUSTRY 3292.--ASBESTOS PRODUCTS--Continued				
Estimates based on the MA-131 Survey--Continued				
30690	Fabricated rubber products ⁶	5	(NA)	30
32290	Pressed and blown glass ⁶	(under 2)	(NA)	(X)
32812	Limestone products ⁶	(under 2)	(NA)	(X)
32900	Abrasives, asbestos and miscellaneous nonmetallic minerals products ⁸	4	(NA)	21
32927	Asbestos textiles, all types.....	2	(NA)	40
32950	Minerals and earths, ground or treated ⁶	2	(NA)	26
33100	Blast furnace and steel products ⁸	5	(NA)	9
33900	Miscellaneous primary metal products, including brake shoes.....	7	(NA)	14
34601	Metal stampings ⁶	(2-5)	(NA)	(X)
34901	Fabricated wire products, including wire cloth.....	4	(NA)	14
90007	Maintenance on machinery ⁶	6	(NA)	20
93292	Other materials previously specified on the census report form ⁴	5	(NA)	22
99999	All other materials, parts, components, containers, and supplies not reported above.....	47	(NA)	(X)
INDUSTRY 3295.--MINERALS, GROUND OR TREATED ²				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ³	141	102	(X)
	Specified by kind ⁷	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ⁵	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	141	(NA)	(X)
Estimates based on the MA-131 Survey:				
10611	Chromite ore.....	(5-10)	(NA)	(X)
14292	Crushed and broken stone, not ground or treated.....	12	(NA)	10
14400	Sand, including glass sand.....	1	(NA)	24
14500	Clay, including kaolin, fire clay, ball clay, etc., and other nonmetallic minerals.....	10	(NA)	13
14591	Crude magnesite.....	(5-10)	(NA)	(X)
14700	Barite, borate, potash, fluorspar, and rocksalt.....	13	(NA)	11
14999	Miscellaneous crude nonmetallic minerals not listed above.....	12	(NA)	10
26433	Paper shipping sacks, including multiwall bags.....	6	(NA)	15
28190	Industrial inorganic chemicals ⁸	(5-10)	(NA)	(X)
28690	Industrial organic chemicals ⁶	(under 2)	(NA)	(X)
32410	Hydraulic cement ⁶	(under 2)	(NA)	(X)
32740	Dead-burned dolomite and lime.....	(under 2)	(NA)	(X)
32951	Nonmetallic minerals and earths, ground or otherwise treated; dead-burned magnesite, ground magnesite, natural graphite, etc.....	34	(NA)	7
33100	Steel mill shapes and forms, except castings and forgings.....	(under 2)	(NA)	(X)
33121	Crude blast-furnace slag.....	(2-5)	(NA)	(X)
90007	Maintenance on machinery ⁶	2	(NA)	(X)
90008	Operating supplies ⁶	2	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	19	(NA)	(X)
INDUSTRY 3296.--MINERAL WOOL ²				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ³	258	171	(X)
	Specified by kind ⁷	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ⁵	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	258	(NA)	(X)
Estimates based on the MA-131 Survey:				
14292	Crushed and broken stone, not ground or treated.....	(under 2)	(NA)	(X)
14400	Sand, including glass sand.....	2	(NA)	7
14500	Clay, including kaolin, fire clay, ball clay, etc., and other nonmetallic minerals.....	3	(NA)	3
14700	Barite, borate, potash, fluorspar, and rocksalt.....	8	(NA)	4
14994	Natural abrasives, corundum, grindstones, millstones, etc.....	(under 2)	(NA)	(X)
14999	Miscellaneous crude nonmetallic minerals not listed above.....	6	(NA)	6
20460	Corn mill products ⁶	(2-5)	(NA)	(X)
22010	Cotton and synthetic fabrics, broadwoven and narrow woven.....	12	(NA)	22
26000	Paper and paperboard products, except paperboard boxes and containers and paper shipping sacks.....	16	(NA)	5
26433	Paper shipping sacks, including multiwall bags.....	9	(NA)	6
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	7	(NA)	5
26610	Building paper and board ⁶	(2-5)	(NA)	(X)
28100	Industrial inorganic chemicals ⁸	(2-5)	(NA)	(X)
28210	Plastics and synthetic resin materials.....	21	(NA)	9
28220	Synthetic rubber ⁶	(2-5)	(NA)	(X)
28910	Glues and adhesives, including phenolic resins.....	27	(NA)	7
28990	Miscellaneous chemical preparations ⁸	(2-5)	(NA)	(X)
29000	Refined petroleum products ⁶	(under 2)	(NA)	(X)
30790	Fabricated plastics products, except gaskets.....	11	(NA)	11
32290	Pressed and blown glass ⁶	(5-10)	(NA)	(X)
32740	Dead-burned dolomite and lime.....	1	(NA)	8
32900	Abrasive, asbestos and miscellaneous nonmetallic minerals products ⁸	16	(NA)	11
32920	Asbestos products ⁶	(2-5)	(NA)	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 32: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3296.--MINERAL WOOL--Continued			
	Estimates based on the MA-131 Survey--Continued			
33121	Crude blast-furnace slag.....	13	(NA)	4
33390	Nonferrous metals, n.e.c. ⁶	(under 2)	(NA)	(X)
33530	Aluminum sheet, plate, and foil ⁶	(5-10)	(NA)	(X)
34970	Converted aluminum foil.....	7	(NA)	2
90002	Scrap, except metal ⁶	(5-10)	(NA)	(X)
90007	Maintenance on machinery ⁶	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	45	(NA)	(X)
	INDUSTRY 3297.--NONCLAY REFRACTORIES ²			
	Materials, parts, containers, and supplies, total.....	131	130	(X)
	Data requested in census of manufactures: ³			
	Specified by kind ⁷	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ⁵	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	131	(NA)	(X)
	Estimates based on the MA-131 Survey:			
10510	Bauxite ore.....	4	(NA)	10
10611	Chromite ore.....	8	(NA)	3
14292	Crushed and broken stone, not ground or treated.....	(under 2)	(NA)	(X)
14400	Sand, including glass sand.....	2	(NA)	1
14500	Clay, including kaolin, fire clay, ball clay, etc., and other nonmetallic minerals.....	6	(NA)	17
14591	Crude magnesite.....	(5-10)	(NA)	(X)
14999	Miscellaneous crude nonmetallic minerals not listed above.....	6	(NA)	16
24480	Wood pallets and skids ⁶	2	(NA)	16
26433	Paper shipping sacks, including multiwall bags.....	2	(NA)	5
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	1	(NA)	3
28190	Industrial inorganic chemicals ⁸	3	(NA)	21
28195	Alumina.....	10	(NA)	7
28210	Plastics and synthetic resin materials.....	(under 2)	(NA)	(X)
32040	Refractories, clay and nonclay.....	2	(NA)	8
32740	Dead-burned dolomite and lime.....	5	(NA)	21
32910	Abrasive products, all types.....	(under 2)	(NA)	(X)
32951	Nonmetallic minerals and earths, ground or otherwise treated; dead-burned magnesite, ground magnesite, natural graphite, etc.....	42	(NA)	2
32970	Nonclay refractories ⁶	2	(NA)	15
33000	Primary metal products ⁸	(2-5)	(NA)	(X)
33100	Steel mill shapes and forms, except castings and forgings.....	(2-5)	(NA)	(X)
35595	Parts for bottle forming and glassmaking equipment ⁶	(under 2)	(NA)	(X)
90007	Maintenance on machinery ⁶	(D)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	15	(NA)	(X)

(X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

¹Estimates having associated relative standard errors exceeding 15 percent are of limited reliability. However, they may be combined into broader aggregates which are of acceptable reliability. See Explanatory Text for methodology. The 1972 standard errors may be used as approximations of the relative errors for the 1967 estimates. This general relationship may not hold for specific materials costs estimates due to the difference in the 2 sample designs.

²Not included in the MA-131 Survey in 1967.

³See table 7A of the 1972 Census of Manufactures final Industry series MC72(2) for quantity and cost data of the individual materials collected in the census of manufactures.

⁴The detail cost of materials as reported in the census of manufactures is understated by the amount shown in "Other materials previously requested on the census report form."

⁵Represents the total cost of materials for establishments that did not report detail materials data, and includes estimates for companies whose data were estimated based on administrative records. (See section titled "The Census Report Forms" in Introduction for discussion of administrative records.)

⁶Not separately listed on the MA-131 Survey report form. The cost estimate represents only the data reported by establishments consuming \$25,000 or more of this material as instructed on the report form.

⁷No materials detail was collected in the census.

⁸Represents data requested at a finer level of detail in the MA-131 Survey, but which have been aggregated to avoid disclosing figures for individual companies. This aggregated total excludes any data published at a finer level in either the census or the MA-131 Survey.

SECTION II, PART 1—Continued

CHAPTER 4. Major Group 34—Fabricated Metal Products

This major group includes establishments primarily engaged in manufacturing a wide variety of fabricated metal products. Other important segments of the metal fabricating industries are classified in other major groups, such as machinery in Major Groups 35 and 36, transportation equipment in Major Group 37, instruments and related products in Major Group 38, and jewelry and silverware in Major Group 39.

The industries included in this major group encompass a varied group of fabricated metal-finished products (cutlery, hardware, oil burners, plumbing fixtures, metal doors, safes, arms, ammunition, etc.), materials or components for incorporation into other products (sheet metal work, steel springs, bolts and nuts, etc.), containers (metal cans, metal shipping barrels and drums, and collapsible tubes), and service opera-

tions performed on a job or order basis for the trade (galvanizing, coating, engraving, etc.).

Industries 3482, 3483, 3484, and 3489 are included in this chapter; they were formerly in Major Group 19, Ordnance and Accessories.

The products of Major Group 34 are used by establishments in other manufacturing industries as well as in construction, mines, farms, transportation, commerce, and households. The basic metals consumed are generally produced by establishments in Major Group 33, Primary Metal Industries.

The following industries in the major group are those for which information was obtained in the **1972 Census of Manufactures Supplemental Inquiry; Consumption of Materials, Parts, Containers and Supplies During 1972**, on Form MA-131. They are included in this report.

SIC Codes and Titles

3429—Hardware, N.E.C.

3433—Heating Equipment, Except Electric

3443—Fabricated Platework (Boiler Shops)

3444—Sheet Metalwork

3465—Automotive Stampings

3466—Crowns and Closures

3469—Metal Stampings, N.E.C.

3471—Plating and Polishing

3482—Small Arms Ammunition

3483—Ammunition, Except for Small Arms, N.E.C.

3484—Small Arms

3489—Ordnance and Accessories, N.E.C.

3494—Valves and Pipe Fittings

3499—Fabricated Metal Products, N.E.C.

Materials Consumed by Kind for Selected Industries in Major Group 34: 1972 and 1967

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3429.--HARDWARE, N.E.C.			
	Materials, parts, containers, and supplies, total.....	1,141	856	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	558	(D)	(X)
	Not specified by kind (census code 976000) ⁴	111	101	(X)
	Data obtained in MA-131 Survey (census code 970099).....	472	(D)	(X)
	Estimates based on the MA-131 Survey:			
22000	Textile products ⁵	2	(NA)	22
26500	Paperboard boxes and containers ⁶	(X)	26	49
28210	Plastics and synthetic resin materials ⁷	16	(NA)	1
28510	Paints, varnishes, lacquers, and enamels.....	5	4	1
28990	Foundry chemicals, metal treating compounds, and plating compounds.....	9	7	1
30110	Pneumatic and solid tires and inner tubes ⁷	(2-5)	(NA)	(X)
30690	Fabricated rubber products, except gaskets.....	18	7	10
30790	Fabricated plastics products, except gaskets.....	55	10	1
32010	Glass and glass products.....	11	14	14
32910	Grinding wheels and other abrasive products.....	4	7	14
33100	Steel mill shapes and forms, except castings and forgings ⁷	(2-5)	(NA)	(X)
33200	Iron and steel castings ⁵	4	(NA)	79
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	8	5	55
33600	Nonferrous metal castings, rough and semifinished, except aluminum ⁵	2	(NA)	8
34290	Metal hardware.....	43	135	10
34500	Bolts, nuts, screws, rivets, and screw machine products.....	59	42	10
34601	Metal stampings.....	10	13	26
34620	Iron and steel forgings ⁷	(under 2)	(NA)	(X)
34901	Wire springs and other fabricated wire products.....	14	7	20
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	12	13	10
35450	Cutting tools for machine tools.....	5	3	20
35600	General industrial machinery ⁵	3	(NA)	26
36210	Electric motors and generators, including parts for electric motors and generators ⁷	(20-50)	(NA)	(X)
90006	Shipping supplies ⁷	1	(NA)	(X)
90007	Maintenance on machinery.....	(5-10)	(NA)	(X)
90008	Operating supplies ⁷	(under 2)	(NA)	(X)
93429	Other materials previously requested on the census report form ³	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$2 million to \$5 million for nonmaterials for 1972.....	132	90	(X)
	INDUSTRY 3433.--HEATING EQUIPMENT, EXCEPT ELECTRIC ⁸			
	Materials, parts, containers, and supplies, total.....	472	(NA)	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	177	(NA)	(X)
	Not specified by kind (census code 976000) ⁴	76	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	219	(NA)	(X)
	Estimates based on the MA-131 Survey:			
24402	Complete wooden containers, including combination wood and paperboard.....	2	(NA)	20
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	9	(NA)	30
28570	Paints, varnishes, lacquers, and enamels.....	7	(NA)	24
33400	Secondary nonferrous metals ⁷	(2-5)	(NA)	(X)
34330	Heating burners, oil and gas.....	15	(NA)	17
34337	Parts and attachments specially designed for heating equipment, except electric.....	32	(NA)	22
34500	Bolts, nuts, screws, rivets, and screw machine products.....	6	(NA)	20
34601	Metal stampings, including vitreous enameled parts and perforated metals.....	9	(NA)	24
34902	Fabricated metal pipe, valves, and pipe fittings.....	14	(NA)	17
35190	Internal combustion engines, n.e.c.....	(under 2)	(NA)	(X)
35401	Dies, jigs, fixtures, punches, and cutting tools for machine tools.....	2	(NA)	17
35610	Pumps and pumping equipment ⁷	(under 2)	(NA)	(X)
35640	Fans and blowers.....	15	(NA)	14
35850	Refrigeration compressors, compressor units, and condensing units; fin coils; and other refrigeration, air-conditioning and heat-transfer equipment.....	18	(NA)	14
36122	Power and distribution ⁷	(under 2)	(NA)	(X)
36200	Industrial capacitors, resistors, rheostats, coil windings, and other components for industrial electrical apparatus.....	4	(NA)	22
38220	Automatic temperature controls ⁷	(2-5)	(NA)	(X)
93433	Other materials previously specified on the census report form ³	21	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not listed above.....	55	(NA)	(X)
	INDUSTRY 3443.--FABRICATED PLATEWORK (BOILER SHOPS)			
	Materials, parts, containers, and supplies, total.....	1,436	1,164	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	900	624	(X)
	Not specified by kind (census code 976000) ⁴	162	236	(X)
	Data obtained in MA-131 Survey (census code 970099).....	374	304	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 34: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
INDUSTRY 3443.--FABRICATED PLATEWORK (BOILER SHOPS)--Continued				
Estimates based on the MA-131 Survey:				
10940	Uranium-radium-vanadium ores ⁷	(10-20)	(NA)	(X)
24210	Rough and dressed lumber.....	2	(NA)	42
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	1	(NA)	24
28130	Industrial gases, compressed and liquefied ⁷	(under 2)	(NA)	(X)
28510	Paints, lacquers, varnishes, and enamels.....	2	(NA)	20
28990	Foundry chemicals, metal treating compounds, and plating compounds.....	5	3	35
29000	Lubricating oils, greases, and other refined petroleum products.....	2	(NA)	53
30110	Pneumatic and solid tires and inner tubes ⁷	(under 2)	(NA)	(X)
32000	Stone, clay, and glass products, n.e.c. ⁵	2	(NA)	53
32920	Asbestos products ⁷	(under 2)	(NA)	(X)
33000	Primary metal products, n.e.c. ⁵	11	(NA)	53
33560	Welding rods for gas welding, except copper and aluminum.....	4	4	41
34290	Metal hardware, hinges, locks, handles, etc. ⁷	(2-5)	(NA)	(X)
34330	Heating burners (oil and gas) and heating equipment, except electric ⁷	1	(NA)	46
34410	Fabricated structural metal products ⁷	(5-10)	(NA)	(X)
34430	Parts specially designed for steel power boilers.....	29	54	17
34500	Bolts, nuts, screws, rivets, and screw machine products.....	6	10	28
34600	Metal forgings and stampings ⁷	(under 2)	(NA)	(X)
34902	Fabricated pipe, pipe flanges, valves, and pipe fittings, except plumbers ¹	53	45	14
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	4	4	20
35450	Cutting tools for machine tools.....	3	4	45
35602	Plain bearings and bushings, speed reducers, gears, and other mechanical power transmission equipment, except ball and roller bearings.....	1	5	14
35610	Pumps and air and gas compressors, except refrigeration compressors.....	2	5	49
35640	Fans and blowers ⁷	(under 2)	(NA)	(X)
35850	Refrigeration compressors, compressor units, and condensing units; fin coils; and other refrigeration, air-conditioning, and heat-transfer equipment.....	4	(NA)	86
36210	Electric motors, generators, and parts.....	10	6	14
36230	Electrodes for electric welding and other electric welding apparatus.....	9	25	17
37140	Motor vehicle parts and accessories ⁷	(2-5)	(NA)	(X)
90007	Maintenance on machinery ⁷	(under 2)	(NA)	(X)
93443	Other materials previously requested on the census report form ³	98	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	83	130	(X)
INDUSTRY 3444.--SHEET METALWORK				
Materials, parts, containers, and supplies, total.....				
Data requested in census of manufactures: ²		1,252	795	(X)
Specified by kind ³		762	413	(X)
Not specified by kind (census code 976000) ⁴		262	218	(X)
Data obtained in MA-131 Survey (census code 970099).....		228	164	(X)
Estimates based on the MA-131 Survey:				
24210	Rough and dressed lumber.....	10	1	58
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	26	24	14
26610	Building paper and board ⁷	(under 2)	(NA)	(X)
28510	Paints, lacquers, varnishes, and enamels.....	23	46	17
28900	Miscellaneous chemical products ⁵	1	(NA)	42
29000	Lubricating oils, greases, and other refined petroleum products.....	4	6	52
30790	Miscellaneous plastics products ⁷	12	(NA)	40
32310	Glass products ⁷	(under 2)	(NA)	(X)
33100	Blast furnace and steel mill products ⁷	(2-5)	(NA)	(X)
33323	Refined primary lead ⁷	(5-10)	(NA)	(X)
33414	Secondary zinc ⁷	(under 2)	(NA)	(X)
33560	Welding rods for gas welding, except copper and aluminum.....	2	(NA)	62
34000	Fabricated metal products, n.e.c. ⁵	5	(NA)	47
34500	Bolts, nuts, screws, rivets, and screw machine products.....	14	12	33
34902	Fabricated pipe, pipe flanges, valves, and pipe fittings, except plumbers ¹	3	1	75
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	4	(NA)	67
35610	Pumps and air and gas compressors, except refrigeration compressors.....	(2-5)	3	(X)
35850	Refrigeration compressors, compressor units, and condensing units; fin coils; and other refrigeration, air-conditioning, and heat-transfer equipment.....	3	6	14
36210	Electric motors, generators, and parts.....	10	6	44
36230	Electrodes for electric welding and other electric welding apparatus.....	(under 2)	2	(X)
36430	Appliance outlets, switches, lampholders, connectors, metal contacts, and other current-carrying devices ⁷	(under 2)	(NA)	(X)
37110	Purchased chassis for vehicles, except car bodies ⁷	(2-5)	(NA)	(X)
39960	Linoleum and other hard-surface floor coverings ⁷	(2-5)	(NA)	(X)
93444	Other materials previously specified on the census report form ³	22	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	60	57	(X)

See footnotes at end of table.

(Data shown parenthetically are ranges expressed in millions of dollars)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 34: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972	1967	
		(a)	(b)	
INDUSTRY 3471.--PLATING AND POLISHING--Continued				
Estimates based on the MA-131 Survey--Continued				
33397	Nonferrous metal smelter and refinery shapes, except copper and aluminum.....	9	(NA)	6
34500	Bolts, nuts, rivets, and screw machine products.....	(under 2)	(NA)	(X)
34601	Metal stampings ⁷	(2-5)	(NA)	(X)
35590	Special industrial machinery, n.e.c. ⁷	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	30	(NA)	(X)
INDUSTRY 3482.--SMALL ARMS AMMUNITION				
Materials, parts, containers, and supplies, total.....				
		208	312	(X)
Data requested in census of manufactures: ²				
	Specified by kind ³	108	197	(X)
	Not specified by kind (census code 976000) ⁴	8	5	(X)
	Data obtained in MA-131 Survey (census code 970099).....	92	110	(X)
Estimates based on the MA-131 Survey:				
24210	Rough and dressed lumber.....	(under 2)	(NA)	(X)
24401	Wooden containers, knocked-down or assembled.....	(under 2)	(NA)	(X)
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	6	39	1
28929	Propellants and other explosives, except smokeless powder.....	(under 2)	24	(X)
30790	Fabricated plastics products, except gaskets.....	(under 2)	(NA)	(X)
33320	Lead and lead-base alloys, ingot, pigs, billets, etc.....	24	(NA)	1
34601	Metal stampings.....	(10-20)	(NA)	(X)
34800	Ordnance and accessories, n.e.c. ⁷	4	(NA)	54
34820	Lead shot, wads, bullet jackets and cores, shells, percussion caps, cartridge cases, and other small arms ammunition components.....	9	24	26
35440	Special dies and tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	23	20	(X)
INDUSTRY 3483.--AMMUNITION, EXCEPT SMALL ARMS, N.E.C.				
Materials, parts, containers, and supplies, total.....				
		726	1,261	(X)
Data requested in census of manufactures: ²				
	Specified by kind ³	341	214	(X)
	Not specified by kind (census code 976000) ⁴	59	84	(X)
	Data obtained in MA-131 Survey (census code 970099).....	326	963	(X)
Estimates based on the MA-131 Survey:				
22000	Textile products ⁷	(under 2)	(NA)	(X)
23990	Miscellaneous apparel products ⁷	(10-20)	(NA)	(X)
24401	Wooden containers, knocked-down or assembled.....	32	68	1
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	16	21	1
28000	Chemical raw materials, n.s.k. ⁵	16	221	7
30690	Fabricated rubber products, including tank treads and blocks but excluding gaskets.....	(under 2)	(NA)	(X)
30790	Fabricated plastics products, except gaskets.....	(under 2)	(NA)	(X)
33000	Primary metal products, n.s.k. ⁵	42	(NA)	47
34000	Fabricated metal products, n.s.k. ⁵	23	(NA)	1
34500	Bolts, nuts, screws, rivets, and screw machine products.....	4	8	1
34601	Metal stampings.....	10	(NA)	1
34830	Parts and attachments specially designed for ammunition over 30 mm.; shells, primers, fuses, subassemblies for mortar shells, torpedoes, mines, etc.....	104	314	1
35440	Special dies and tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	3	13	28
35450	Cutting tools for machine tools.....	(10-20)	8	(X)
36700	Electronic-type components, including resistors, capacitors, transformers, etc., except electron tubes and solid state semiconductors.....	5	49	1
90008	Operating supplies ⁷	(under 2)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	39	239	(X)
INDUSTRY 3484.--SMALL ARMS				
Materials, parts, containers, and supplies, total.....				
		99	149	(X)
Data requested in census of manufactures: ²				
	Specified by kind ³	29	19	(X)
	Not specified by kind (census code 976000) ⁴	12	38	(X)
	Data obtained in MA-131 Survey (census code 970099).....	58	92	(X)
Estimates based on the MA-131 Survey:				
24262	Wooden gunstocks.....	7	8	14
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	1	2	10
28929	Propellants and other explosives, except smokeless powder.....	(2-5)	(NA)	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	(under 2)	(NA)	(X)
33600	Nonferrous metal castings, rough and semifinished, except aluminum.....	(2-5)	(NA)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	5	2	10
34601	Metal stampings.....	(2-5)	(NA)	(X)
34842	Parts and attachments specially designed for small arms, metal.....	(2-5)	(NA)	(X)
35440	Special dies and tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	4	3	10
35450	Cutting tools for machine tools.....	(2-5)	5	(NA)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 34: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3484.--SMALL ARMS--Continued			
	Estimates based on the MA-131 Survey--Continued			
36700	Electronic-type components, resistors, capacitors, transformers, etc., except electron tubes and solid state semiconductors.....	(under 2)	(NA)	(X)
37692	Parts specially designed for space vehicles and for guided missiles, including subassemblies, fuel systems, and machined parts subcontracted to specifications.....	(under 2)	(NA)	(X)
90007	Maintenance on machinery ⁷	(2-5)	(NA)	10
90008	Operating supplies ⁷	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	14	16	(X)
	INDUSTRY 3489.--ORDNANCE AND ACCESSORIES, N.E.C.			
	Materials, parts, containers, and supplies, total.....	117	245	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	29	47	(X)
	Not specified by kind (census code 976000) ⁴	31	44	(X)
	Data obtained in MA-131 Survey (census code 970099).....	57	154	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber.....	(under 2)	5	(X)
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	(under 2)	7	(X)
28210	Plastics and synthetic resin materials ⁷	-	2	(X)
28929	Propellants and other explosives, except smokeless powder.....	(2-5)	(NA)	(X)
30690	Fabricated rubber products, including tank treads and blocks but excluding gaskets.....	(under 2)	2	(X)
30790	Fabricated plastics products, except gaskets.....	(under 2)	4	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	(under 2)	2	(X)
33600	Nonferrous metal castings, rough and semifinished, except aluminum.....	(under 2)	13	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	(under 2)	15	(X)
34601	Metal stampings.....	(under 2)	16	(X)
34630	Nonferrous forgings ⁷	(5-10)	(NA)	(X)
35440	Special dies and tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	(under 2)	2	(X)
35450	Cutting tools for machine tools.....	(under 2)	2	(X)
36700	Electronic-type components (resistors, capacitors, transformers, etc.), except electron tubes and solid state semiconductors.....	(2-5)	7	(X)
37281	Parts specially designed for aircraft, including subassemblies, fuel systems, landing gear, and machined parts subcontracted to specifications.....	(5-10)		
37692	Parts specially designed for space vehicles and for guided missiles, including subassemblies, fuel systems, and machined parts subcontracted to specifications.....	(5-10)	5	(NA)
99999	All other materials, parts, components, containers, and supplies not reported above.....	24	69	(X)
	INDUSTRY 3494.--VALVES AND PIPE FITTINGS			
	Materials, parts, containers, and supplies, total.....	1,066	799	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	544	432	(X)
	Not specified by kind (census code 976000) ⁴	110	85	(X)
	Data obtained in MA-131 Survey (census code 970099).....	412	282	(X)
	Estimates based on the MA-131 Survey:			
14400	Sand, including glass sand ⁵	2	(NA)	46
24000	Lumber products, n.s.k. ⁵	2	(NA)	60
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	19	8	22
28990	Miscellaneous chemicals, n.e.c. ⁷	6	(NA)	20
29000	Refined petroleum products ⁷	1	(NA)	60
30410	Rubber and plastics hose and belting ⁷	(5-10)	(NA)	(X)
30690	Fabricated rubber products, except gaskets.....	36	7	20
30790	Fabricated plastics products, except gaskets.....	7	12	22
32930	Gaskets (all types) and asbestos packing.....	11	5	14
33000	Primary metal products, n.e.c. ⁵	5	(NA)	30
33200	Iron and steel foundry products ⁷	12	(NA)	15
33330	Zinc and zinc-base alloy smelter and refinery shapes.....	5	11	30
34000	Fabricated metal products, n.e.c. ⁵	3	(NA)	32
34200	Hand and edge tools, including files, punches, saws, etc. ⁷	3	(NA)	75
34290	Metal hardware, hinges, locks, handles, etc. ⁷	4	(NA)	14
34500	Bolts, nuts, screws, rivets, and screw machine products.....	49	29	14
34601	Metal stampings, including perforated metals.....	12	12	20
34620	Iron and steel forgings ⁷	(2-5)	(NA)	(X)
34630	Nonferrous forgings ⁷	7	(NA)	22
34901	Wire springs and other fabricated wire products.....	11	4	35
34940	Metal valves and fittings purchased for further assembly.....	36	29	20
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	15	12	20
35450	Cutting tools for machine tools ⁷	(under 2)	(NA)	(X)
36210	Electric motors, generators, and parts.....	20	8	24
36220	Industrial controls ⁷	(under 2)	(NA)	(X)
36770	Electronic coils and transformers ⁷	(2-5)	(NA)	(X)
38290	Measuring and controlling devices ⁷	(under 2)	(NA)	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 34: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
	INDUSTRY 3494.--VALVES AND PIPE FITTINGS--Continued			
	Estimates based on the MA-131 Survey--Continued			
90002	Scrap, other than metal ⁷	(under 2)	(NA)	(X)
90003	Office supplies ⁷	(under 2)	(NA)	(X)
90005	Packing supplies ⁷	(under 2)	(NA)	(X)
90007	Maintenance on machinery ⁷	(under 2)	(NA)	(X)
90008	Operating supplies ⁷	8	(NA)	(X)
93494	Other materials previously requested on the census report form ³	(5-10)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	111	144	(X)
	INDUSTRY 3499.--FABRICATED METAL PRODUCTS, N.E.C.			
	Materials, parts, containers, and supplies, total.....	773	455	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	354	224	(X)
	Not specified by kind (census code 976000) ⁴	188	58	(X)
	Data obtained in MA-131 Survey (census code 970099).....	231	173	(X)
	Estimates based on the MA-131 Survey:			
14000	Nonmetallic minerals, n.s.k. ⁵	1	(NA)	25
24000	Lumber products, n.s.k. ⁵	4	(NA)	51
26500	Paperboard boxes and containers (including folding, corrugated, fiber, and setup).....	7	(NA)	20
28190	Inorganic chemicals, n.s.k. ⁷	(under 2)	(NA)	(X)
28210	Plastics and synthetic resin materials ⁷	(under 2)	(NA)	(X)
28510	Paints, varnishes, lacquers, and enamels.....	12	(NA)	44
28990	Foundry chemicals, metal treating compounds, and plating compounds.....	2	(NA)	33
30690	Fabricated rubber products, except gaskets.....	1	(NA)	65
30790	Fabricated plastics products, except gaskets.....	24	(NA)	14
32000	Stone, clay, and glass products, n.e.c. ⁵	4	(NA)	17
32910	Grinding wheels and other abrasive products.....	2	(NA)	40
33100	Steel mill shapes and forms ⁵	22	(NA)	7
33320	Lead and lead-base alloys (ingot, pig, billet, etc.) ⁷	(under 2)	(NA)	(X)
33340	Primary aluminum products ⁷	(10-20)	(NA)	(X)
33390	Primary nonferrous metal products, n.e.c. ⁷	11	(NA)	32
33500	Nonferrous metal mill shapes and forms ⁵	10	(NA)	25
33990	Primary metal products, n.e.c. ⁷	13	(NA)	40
34110	Metal cans ⁷	(under 2)	(NA)	(X)
34120	Metal barrels, drums, and pails ⁷	(2-5)	(NA)	(X)
34230	Hand and edge tools (files, rasps, etc.), except saws and sawblades.....	(Z)	(NA)	(X)
34290	Metal hardware.....	11	(NA)	14
34400	Fabricated structural metal products ⁵	(2-5)	(NA)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	6	(NA)	26
34630	Nonferrous forgings ⁷	(2-5)	(NA)	(X)
34601	Metal stampings ⁷	(10-20)	(NA)	(X)
34790	Metal coatings ⁷	(5-10)	(NA)	(X)
34900	Miscellaneous fabricated metal products, n.e.c. ⁵	3	(NA)	7
35440	Special dies and tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	1	(NA)	32
35450	Cutting tools for machine tools.....	(Z)	(NA)	(X)
90007	Maintenance on machinery ⁷	(2-5)	(NA)	(X)
90008	Operating supplies ⁷	(under 2)	(NA)	(X)
93499	Other materials previously requested on the census report form ³	(5-10)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	49	(NA)	(X)

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
(Z) Less than half of the unit of measurement shown.

¹Estimates having associated relative standard errors exceeding 15 percent are of limited reliability. However, they may be combined into broader aggregates which are of acceptable reliability. See Explanatory Text for methodology. The 1972 standard errors may be used as approximations of the relative errors for the 1967 estimates. This general relationship may not hold for specific materials costs estimates due to the difference in the 2 sample designs.

²See table 7A of the 1972 Census of Manufactures final Industry series MC72(2) for quantity and cost data of the individual materials collected in the census of manufactures.

³The detail cost of materials as reported in the census of manufactures is understated by the amount shown in "Other materials previously requested on the census report form."

⁴Represents the total cost of materials for establishments that did not report detail materials data, and includes estimates for companies whose data were estimated based on administrative records. (See section titled "The Census Report Forms" in Introduction for discussion of administrative records.)

⁵Represents data requested at a finer level of detail in the MA-131 Survey, but which have been aggregated to avoid disclosing figures for individual companies. This aggregated total excludes any data published at a finer level in either the census or the MA-131 Survey.

⁶Collected in item 17 of the Census Report Form for 1972.

⁷Not separately listed on the MA-131 Survey report form. The cost estimate represents only the data reported by establishments consuming \$25,000 or more of this material as instructed on the report form.

⁸Comparable data for 1967 are not available due to the 1972 SIC revision.

⁹Not included in the MA-131 Survey in 1967.

¹⁰No materials detail was collected in the census.

SECTION II, PART 1—Continued

CHAPTER 5. Major Group 35—Machinery, Except Electrical

This major group includes establishments primarily engaged in producing a wide variety of machinery and equipment items. The industries included encompass the whole range of industrial machinery, other than electrical. To a considerable extent, the products fall into the producers' heavy equipment category, are frequently of a complex character, and are produced both to individual order and as standard items. Industries in industry groups 351 to 358 are defined in terms of end products, and the parts, attachments, and accessories for these items are included in the industry of this end product unless specifically classified elsewhere in the Standard Industrial Classification (SIC). Industry group 359, Miscellaneous Machinery, Except Electrical, includes plants producing a broad variety of miscellaneous parts made by job machine shops.

Industry group 352 includes farm machines and wheel-tractors, while industry group 353 comprises all types of earth-moving equipment, including tracklaying tractors and contractors' off-highway type tractors, mining machinery, and materials-handling equipment. The end products of plants in industry groups 351 to 356 are usually capital equipment, bought and used, not only by manufacturing companies but also at mines, farms, and in transportation, construction, and commerce. Industry groups 357 and 358 include products for commercial and service use such as measuring and dispensing pumps, office and store machines, and commercial refrigeration equipment.

Plants primarily engaged in rebuilding machinery or equipment on a factory basis are classified according to the original industry classification of the product being rebuilt. Plants primarily rebuilding automotive parts are included in Major Group 37. Plants primarily rebuilding machine tools, metalworking machinery, and office and store machines are included in the industry of the plants producing the original equipment. The data in this report represent materials used for producing new equipment as well as for rebuilding used machinery.

The individual establishments within Major Group 35 frequently produce products falling into two or more SIC 4-digit industries. In fact, many of the larger establishments produce a significant amount of products secondary to the industry in which they are classified. These secondary products, however, tend to be similar to the primary products of the establishment in the material used in their manufacture, type of labor employed to produce them, and nature of the processes involved in the production line.

Establishments in this group of industries typically maintain machine shops, tool and die rooms, and heat-treating facilities. Frequently the establishment, particularly if it is of some size, will also operate a pattern shop, screw-machine department, and stamping facility. With greater variation depending upon the particular SIC 4-digit industry, the physical plant may contain a foundry, forge shop, plate fabrication, electroplating, galvanizing, or other metal processing department.

Although the production processes in this area adhere to a general pattern of specified metalworking and metal fabricating operations, there is a substantial variation in the number and types of processes performed by an individual establishment as well as from industry to industry. Within a single SIC 4-digit industry, certain establishments may be exclusively engaged in assembling component parts produced by other plants. Another group of plants may purchase rough castings or mill shapes and carry out the entire fabricating of the metal until it emerges as finished product. In other instances, the casting of the metal will be performed by the establishment itself.

The following industries in this major group are those for which information was obtained in the **1972 Census of Manufactures Supplemental Inquiry; Consumption of Materials, Parts, Containers and Supplies During 1972**, on Form MA-131. They are included in this report.

SECTION II, PART 1—Continued

SIC Codes and Titles

3511—Turbines and Turbine Generator Sets	3555—Printing Trades Machinery
3519—Internal Combustion Engines, N.E.C.	3559—Special Industry Machinery, N.E.C.
3523—Farm Machinery and Equipment	3561—Pumps and Pumping Equipment
3524—Lawn and Garden Equipment	3562—Ball and Roller Bearings
3531—Construction Machinery	3563—Air and Gas Compressors
3532—Mining Machinery	3566—Speed Changers, Drives, and Gears
3533—Oilfield Machinery	3567—Industrial Furnaces and Ovens
3535—Conveyors and Conveying Equipment	3568—Power Transmission Equipment, N.E.C.
3537—Industrial Trucks and Tractors	3569—General Industrial Machinery, N.E.C.
3541—Machine Tools, Metal-Cutting Types	3573—Electronic Computing Equipment
3542—Machine Tools, Metal-Forming Types	3574—Calculating and Accounting Machines
3545—Machine Tool Accessories	3579—Office Machines, N.E.C.
3546—Power-Driven Handtools	3581—Automatic Merchandising Machines
3547—Rolling Mill Machinery	3585—Refrigeration and Heating Equipment
3549—Metalworking Machinery, N.E.C.	3589—Service Industry Machinery, N.E.C.
3551—Food Products Machinery	3592—Carburetors, Pistons, Rings, and Valves
3552—Textile Machinery	3599—Machinery, Except Electrical, N.E.C.
3554—Paper Industries Machinery	

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3511.--TURBINES AND TURBINE GENERATOR SETS			
	Materials, parts, containers, and supplies, total.....	861	432	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	(D)	217	(X)
	Not specified by kind (census code 976000) ⁴	(D)	21	(X)
	Data obtained in MA-131 Survey (census code 970099).....	406	194	(X)
	Estimates based on the MA-131 Survey:			
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	(Z)	(NA)	28
29110	Refined petroleum products ⁵	2	(NA)	20
32910	Abrasive products.....	1	(NA)	57
32930	Gaskets (all types) and asbestos packing.....	1	2	1
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	2	(NA)	1
34400	Fabricated structural metal products ⁵	(20-50)	(NA)	(X)
34430	Metal tanks.....	(20-50)	9	(X)
34440	Sheet metal products ⁵	(10-20)	(NA)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	9	10	1
34902	Valves, pipe fittings, and fabricated metal pipe, including safety valves, relief valves, and steam traps.....	(20-50)	13	(X)
35000	Machinery, except electrical ⁶	(NA)	3	(X)
35110	Steam engines, turbines, and turbine generator sets, parts and attachments.....	155	76	1
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	5	6	1
35450	Cutting tools for machine tools.....	12	6	10
35602	Plain bearings and bushings, speed reducers, gears, and other mechanical power transmission equipment...	14	10	1
35610	Pumps, air and gas compressors, except refrigeration compressors.....	5	(NA)	1
36000	Electrical and electronic equipment ⁶	(10-20)	7	(X)
90008	Production supplies ⁵	(2-5)	(NA)	(X)
93511	Other materials previously requested on the census report form ³	11	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	79	52	(X)
	INDUSTRY 3519.--INTERNAL COMBUSTION ENGINES, N.E.C.			
	Materials, parts, containers, and supplies, total.....	1,631	1,043	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	650	290	(X)
	Not specified by kind (census code 976000) ⁴	112	82	(X)
	Data obtained in MA-131 Survey (census code 970099).....	869	671	(X)
	Estimates based on the MA-131 Survey:			
26210	Paper mill products ⁵	(5-10)	(NA)	(X)
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	14	12	1
30790	Fabricated plastics products, except gaskets ⁵	10	(NA)	32
32930	Gaskets (all types) and asbestos packing.....	22	16	1
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	4	30	29
34000	Fabricated metal products ⁶	11	(NA)	32
34430	Fabricated boiler-shop products, boilers, tanks, heat exchangers, and steam condensers, etc.....	16	(NA)	1
34500	Bolts, nuts, screws, rivets, and screw machine products.....	29	25	1
34601	Metal stampings.....	28	35	1
34902	Valves, pipe fittings, and fabricated metal pipe, including safety valves, relief valves, and steam traps.....	5	(NA)	1
35191	Internal combustion engines, parts and attachments, except automobile and aircraft engines.....	399	154	1
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	14	14	1
35450	Cutting tools for machine tools.....	17	10	10
35602	Plain bearings and bushings, speed reducers, gears, and other mechanical power transmission equipment...	24	41	1
35610	Pumps, air and gas compressors, except refrigeration compressors.....	18	14	1
35920	Pistons, piston rings, carburetors, valves, intake and exhaust only ⁷	(X)	87	(X)
36945	Engine electrical equipment, including spark plugs, magnetos, generators, starters, etc. ⁷	(X)	71	(X)
37140	Motor vehicle parts and accessories ⁵	(20-50)	(NA)	(X)
90007	Maintenance on machinery ⁵	1	(NA)	22
93519	Other materials previously requested on the census report form ³	30	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	176	160	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)				Relative standard error ¹ for—	
		1972			1967— industry 3522	Column a	Column b
		Industry 3523	Industry 3524	Industries 3523 and 3524			
		(a)	(b)	(c)	(d)		
	INDUSTRY 3523.—FARM MACHINERY AND EQUIPMENT INDUSTRY 3524.—LAWN AND GARDEN EQUIPMENT						
	Materials, parts, containers, and supplies, total.....	2,221	625	2,846	2,173	(X)	(X)
	Data requested in census of manufactures: ²						
	Specified by kind ³	952	299	1,251	1,054	(X)	(X)
	Not specified by kind (census code 976000) ⁴	209	85	294	202	(X)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	1,060	241	1,301	917	(X)	(X)
	Estimates based on the MA-131 Survey:						
24210	Rough and dressed lumber.....	8	3	11	7	14	1
26500	Paperboard boxes and containers, including folding, corrugated, fiber and setup ⁵	(2-5)	10	(10-20)	(NA)	(X)	24
28510	Paints, varnishes, lacquers, and enamels.....	13	3	16	13	10	1
29000	Refined petroleum products ⁶	3	(NA)	3	(NA)	1	(X)
30410	Rubber and plastics hose and belting ⁵	8	(NA)	8	(NA)	1	(X)
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	30	6	36	31	10	1
30790	Fabricated plastics products, except gaskets.....	8	10	18	6	14	10
32930	Gaskets, packing and sealing devices ⁵	(2-5)	(NA)	(2-5)	(NA)	(X)	(X)
34000	Fabricated metal products ⁶	17	13	30	(NA)	7	6
34500	Bolts, nuts, screws, rivets, and screw machine products.....	47	18	65	47	1	10
34601	Metal stampings.....	48	19	67	52	1	10
34930	Steel springs, helical and leaf.....	11	1	12	7	1	1
34960	Miscellaneous fabricated wire products ⁵	21	(under 2)	(20-50)	(NA)	22	(X)
35000	Machinery, except electrical ⁶	9	(NA)	9	(NA)	10	(X)
35239	Farm machinery parts and attachments, including wheels, plows, and discs.....	⁸ 258	-	258	211	1	(X)
35249	Lawn and garden equipment parts and attachments.....	(10-20)	22	(20-50)		(X)	5
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools...	9	4	13	9	14	1
35450	Cutting tools for machine tools.....	13	1	14	9	1	10
35602	Plain bearings and bushings, speed reducers, gears, clutches, drives, and other mechanical power transmission equipment, except motor vehicle.....	112	31	143	172	1	1
35610	Hydraulic and pneumatic equipment, pumps, and compressors, except refrigeration compressors.	68	8	76	79	1	1
35900	Carburetors, intake and exhaust valves, pistons, and piston rings.....	30	(under 2)	(20-50)	14	1	(X)
36000	Electric and electronic equipment ⁶	1	7	8	(NA)	73	1
36920	Batteries ⁵	(under 2)	9	(5-10)	(NA)	(X)	1
36941	Engine electrical equipment, spark plugs, magnetos, generators, starters, etc.....	30	7	37	42	1	1
37130	Cabs for agricultural tractors ⁵	13	(NA)	13	(NA)	1	(X)
90007	Maintenance on machinery ⁵	4	(NA)	4	(NA)	1	(X)
93520	Other materials previously requested on the census report form ³	50	18	68	(NA)	(X)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	222	50	276	218	(X)	(X)
	Industry and material	Delivered cost (million dollars)				Relative standard error ¹ for column a	
		1972		1967			
		(a)	(b)	(a)	(b)		
	INDUSTRY 3531.—CONSTRUCTION MACHINERY						
	Materials, parts, containers, and supplies, total.....			2,813	1,930		(X)
	Data requested in census of manufactures: ²						
	Specified by kind ³			1,464	965		(X)
	Not specified by kind (census code 976000) ⁴			194	191		(X)
	Data obtained in MA-131 Survey (census code 970099).....			1,155	774		(X)
	Estimates based on the MA-131 Survey:						
28510	Paints, lacquers, varnishes, and enamels.....			11	7		1
30690	Fabricated rubber products, except tires, tubes, and gaskets.....			24	19		1
30790	Fabricated plastics products, except gaskets.....			4	3		10
32930	Gaskets (all types) and asbestos packing.....			17	■		1
34400	Fabricated structural metal products ⁶			22	(NA)		1
34430	Metal tanks.....			11	12		33
34500	Bolts, nuts, screws, fasteners, rivets, and screw machine products.....			48	24		1
34601	Metal stampings.....			32	15		1
34901	Wire rope, cable, springs, and other nonelectric wire products.....			22	9		20
34902	Valves and pipe fittings, except plumbers'.....			37	16		2
35310	Construction machinery parts and attachments, including cranes and front-end attachments.....			360	219		1
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....			28	38		1
35450	Cutting tools for machine tools.....			33	19		1
35600	General industrial machinery ⁶			6	(NA)		13
35610	Pumps and compressors, except refrigeration compressors.....			73	43		5
35640	Fans and blowers, exhaust and ventilating.....			3	3		1

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3531.--CONSTRUCTION MACHINERY--Continued			
	Estimates based on the MA-131 Survey--Continued			
35681	Plain bearings and bushings, not listed elsewhere.....	(NA)	11	(X)
35990	Machinery, except electrical, n.e.c. ⁵	11	(NA)	27
36010	Motor starters and controls, switches, relays and other industrial electrical control and distribution equipment.....	31	28	1
37110	Motor vehicles and car bodies ⁵	6	(NA)	25
37130	Truck and bus bodies ⁵	8	(NA)	8
37140	Motor vehicle parts and accessories ⁵	90	(NA)	1
90007	Maintenance on machinery ⁵	4	(NA)	10
93531	Other materials previously requested on the census report form ³	88	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	186	300	(X)
	INDUSTRY 3532.--MINING MACHINERY			
	Materials, parts, containers, and supplies, total.....	319	260	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	137	117	(X)
	Not specified by kind (census code 976000) ⁴	22	50	(X)
	Data obtained in MA-131 Survey (census code 970099).....	160	93	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber ⁵	(2-5)	1	(X)
28510	Paints, varnishes, lacquers, and enamels.....	1	(NA)	32
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	6	4	70
30790	Fabricated plastics products, except gaskets.....	(under 2)		(X)
32690	Pottery products, n.e.c. ⁵	14	(NA)	63
32910	Abrasive products ⁵		(NA)	62
32930	Gaskets (all types) and asbestos packing.....	2	(NA)	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum ⁵	(5-10)	(NA)	(X)
33990	Primary metal products, n.e.c. ⁵	(5-10)	(NA)	(X)
34001	Welding materials ⁵	3	(NA)	46
34430	Metal tanks.....	1	2	35
34500	Bolts, nuts, screws, fasteners, rivets, and screw machine products.....	6	7	30
34620	Iron and steel forgings ⁵	(5-10)	(NA)	(X)
34901	Steel springs, metal wire conveyor belting, and other fabricated nonelectric wire products.....	(Z)	2	24
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers'.....	1	4	47
35310	Construction machinery parts and attachments, including cranes and front-end attachments.....	(2-5)	(NA)	77
35324	Mining machinery and equipment parts and attachments.....	38	20	14
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	2	6	45
35450	Cutting tools for machine tools.....	2		55
35610	Industrial pumps, air and gas compressors, and pumping equipment, except refrigeration compressors.....	4	2	53
35640	Fans and blowers, exhaust and ventilating.....	3	2	59
36010	Electrical switchgear and other industrial electrical control equipment.....	1	10	17
93532	Other materials previously requested on the census report form ³	6	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$2 million for nonmaterials for 1972.....	40	33	(X)
	INDUSTRY 3533.--OILFIELD MACHINERY			
	Materials, parts, containers, and supplies, total.....	398	262	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	155	119	(X)
	Not specified by kind (census code 976000) ⁴	101	44	(X)
	Data obtained in MA-131 Survey (census code 970099).....	142	99	(X)
	Estimates based on the MA-131 Survey:			
28190	Industrial inorganic chemicals ⁵	(2-5)	(NA)	(X)
29000	Lubricating oils and greases, including honing, quenching, and cutting oils ⁵	(Z)	1	(X)
30110	Tires and inner tubes.....	1	(NA)	10
30690	Fabricated rubber products, including rubber conveyor belting, except tires, tubes, and gaskets.....	8	8	10
30790	Fabricated plastics products, except gaskets.....	4		32
34290	Metal hardware.....	(Z)	(NA)	22
34410	Fabricated structural metal products.....	(2-5)	(NA)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	3	2	14
34601	Metal stampings.....	1	(NA)	14
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers'.....	12	10	20
35330	Oilfield machinery parts and attachments.....	22	27	20
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	2	4	32
35450	Cutting tools for machine tools.....	8	6	20
35602	Plain bearings and bushings (except automotive), gears, sprockets, pulleys, speed reducers and other mechanical power-transmission equipment.....	7	(NA)	1
35610	Pumps and compressors, except refrigeration compressors.....	2	(NA)	10
35681	Plain bearings and bushings ⁷	(NA)	3	(X)
35900	Pistons, piston rings, carburetors, valves (intake and exhaust only), hydraulic cylinders and flexible metal hose.....	1	(NA)	10
36010	Motor starters and controls, switches, relays and other industrial electrical control and distribution equipment.....	10	(NA)	17
36210	Electric motors and generators ⁵	(2-5)	(NA)	(X)
36290	Coil windings, industrial capacitors (power, motor, filter, etc.), battery chargers, and other industrial apparatus.....	(under 2)	(NA)	(X)
93533	Materials previously requested on the census report form ³	8	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	42	38	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
	INDUSTRY 3535.--CONVEYORS AND CONVEYING EQUIPMENT			
	Materials, parts, containers, and supplies, total.....	309	272	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	(D)	81	(X)
	Not specified by kind (census code 976000) ⁴	57	68	(X)
	Data obtained in MA-131 Survey (census code 970099).....	(D)	123	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber ⁵	1	(NA)	50
30110	Tires and inner tubes.....	3	(NA)	28
30690	Fabricated rubber products, including rubber conveyor belting, except tires, tubes, and gaskets.....	9	10	30
30790	Fabricated plastics products, except gaskets.....	1	1	36
34290	Metal hardware.....	3	(NA)	51
34410	Fabricated structural metal products.....	6	12	35
34500	Bolts, nuts, screws, rivets, and screw machine products.....	4	5	17
34601	Metal stampings.....	2	(NA)	60
34901	Steel springs, metal-wire conveyor belting, and other fabricated nonelectric wire products.....	(under 2)	12	(X)
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers'.....	3	(NA)	20
35352	Conveyors and conveyor systems parts and attachments.....	24	16	30
35372	Industrial trucks and tractors parts and attachments.....	(2-5)	(NA)	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	1	2	44
35450	Cutting tools for machine tools.....	1	1	17
35602	Plain bearings and bushings (except automotive), gears, sprockets, pulleys, speed reducers and other mechanical power-transmission equipment.....	14	29	20
35610	Pumps and compressors, except refrigeration compressors.....	(2-5)	(NA)	(X)
35900	Pistons, piston rings, carburetors, valves (intake and exhaust only), hydraulic cylinders and flexible metal hose.....	2	(NA)	41
36010	Motor starters and controls, switches, relays and other industrial electrical control and distribution equipment.....	7	17	24
93535	Other materials previously requested on the census report form ³	15	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	19	18	(X)
	INDUSTRY 3537.--INDUSTRIAL TRUCKS AND TRACTORS			
	Materials, parts, containers, and supplies, total.....	470	333	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	159	101	(X)
	Not specified by kind (census code 976000) ⁴	47	51	(X)
	Data obtained in MA-131 Survey (census code 970099).....	264	181	(X)
	Estimates based on the MA-131 Survey:			
25310	Seats for industrial trucks and tractors ⁵	1	(NA)	1
28510	Paints, varnishes, lacquers, and enamels ⁵	1	(NA)	63
30110	Tires and inner tubes.....	20	9	22
30690	Fabricated rubber products, including rubber conveyor belting, except tires, tubes, and gaskets.....	4	3	1
30790	Fabricated plastics products, except gaskets.....	1	2	20
34290	Metal hardware.....	8	4	39
34410	Fabricated structural metal products.....	8	(NA)	10
34500	Bolts, nuts, screws, rivets, and screw machine products.....	6	6	10
34601	Metal stampings.....	1	3	14
34901	Steel springs, metal-wire conveyor belting, and other fabricated nonelectric wire products.....	1	(NA)	10
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers'.....	6	(NA)	10
34990	Fabricated metal products, n.e.c. ⁵	1	(NA)	22
35372	Industrial trucks and tractors parts and attachments.....	59	43	1
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	2	3	10
35450	Cutting tools for machine tools.....	3	2	1
35602	Plain bearings and bushings (except automotive), gears, sprockets, pulleys, speed reducers and other mechanical power-transmission equipment.....	38	30	1
35610	Pumps and compressors, except refrigeration compressors.....	9	7	11
35900	Pistons, piston rings, carburetors, valves (intake and exhaust only), hydraulic cylinders and flexible metal hose.....	23	13	1
36010	Motor starters and controls, switches, relays and other industrial electrical control and distribution equipment.....	18	7	1
36290	Coil windings, industrial capacitors (power, motor, filter, etc.), battery chargers, and other industrial apparatus.....	3	5	1
93537	Other materials previously requested on the census report form ³	18	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	33	44	(X)
	INDUSTRY 3541.--MACHINE TOOLS, METAL-CUTTING TYPES			
	Materials, parts, containers, and supplies, total.....	454	657	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	150	212	(X)
	Not specified by kind (census code 976000) ⁴	77	98	(X)
	Data obtained in MA-131 Survey (census code 970099).....	227	347	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3541.--MACHINE TOOLS, METAL-CUTTING TYPES--Continued			
	Estimates based on the MA-131 Survey:			
29000	Lubricating oils (honing, quenching, cutting, etc.) and greases.....	2	(NA)	10
32910	Grinding wheels and other abrasive products, except industrial diamonds.....	7	5	33
34230	Hand and edge tools, excluding metalworking power and hacksaw blades.....	1	(NA)	48
34430	Boiler shop products, including weldments and heat exchangers.....	13	(NA)	14
34500	Bolts, nuts, screws, fasteners, rivets, and screw machine products.....	9	12	50
35402	Parts specially designed for metalworking machinery, other than those listed elsewhere.....	30	(NA)	10
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	3	(NA)	10
35450	Cutting tools for machine tools, including chucks, collets, sleeves, small cutting tools, drills, reamers, carbide tips and blanks, and other attachments and accessories for machine tools.....	19	39	10
35602	Gears, worms, clutches, speed reducers, pulleys, and other mechanical power transmission equipment.....	8	23	22
35610	Hydraulic and pneumatic equipment, including pumps and compressors.....	26	33	14
36010	Electrical motor controls, switches, relays, circuit breakers, and other industrial electrical control apparatus.....	46	108	10
38240	Safety supplies ⁵	11	(NA)	22
90006	Shipping supplies ⁵	1	(NA)	22
93541	Other materials previously specified on the census report form ³	5	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$1 million for nonmaterials for 1972.....	46	127	(X)
	INDUSTRY 3542.--MACHINE TOOLS, METAL-FORMING TYPES			
	Materials, parts, containers, and supplies, total.....	253	257	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	94	104	(X)
	Not specified by kind (census code 976000) ⁴	45	35	(X)
	Data obtained in MA-131 Survey (census code 970099).....	114	118	(X)
	Estimates based on the MA-131 Survey:			
28990	Foundry chemicals, metal treating compounds, and plating compounds.....	1	(NA)	32
29000	Lubricating oils (honing, quenching, cutting, etc.) and greases.....	1	(NA)	14
32910	Grinding wheels and other abrasive products, except industrial diamonds.....	3	2	24
32930	Gaskets, packing, and sealing devices.....	(NA)	1	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	1	(NA)	24
34230	Hand and edge tools, exclude metalworking power and hacksaw blades.....	2	(NA)	36
34430	Boiler shop products, including weldments and heat exchangers.....	5	6	37
34500	Bolts, nuts, screws, fasteners, rivets, and screw machine products.....	3	3	17
35402	Parts specially designed for metalworking machinery, other than those listed elsewhere.....	14	(NA)	10
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	3	(NA)	17
35450	Cutting tools for machine tools, including chucks, collets, sleeves, small cutting tools, drills, reamers, carbide tips and blanks, and other attachments and accessories for machine tools.....	4	23	14
35602	Gears, worms, clutches, speed reducers, pulleys, and other mechanical power transmission equipment.....	10	18	14
35610	Hydraulic and pneumatic equipment, including pumps and compressors.....	8	10	35
36010	Electrical motor controls, switches, relays, circuit breakers, and other industrial electrical control apparatus.....	20	19	14
93542	Other materials previously specified on the census report form ³	1	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$5 million for nonmaterials for 1972.....	38	36	(X)
	INDUSTRY 3545.--MACHINE TOOL ACCESSORIES			
	Materials, parts, containers, and supplies, total.....	305	333	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	146	88	(X)
	Not specified by kind (census code 976000) ⁴	51	74	(X)
	Data obtained in MA-131 Survey (census code 970099).....	108	171	(X)
	Estimates based on the MA-131 Survey:			
24410	Nailed wood boxes ⁵	(2-5)	(NA)	(X)
28990	Foundry chemicals, metal treating compounds, and plating compounds.....	(under 2)	3	(X)
29000	Lubricating oils (honing, quenching, cutting, etc.) and greases.....	2	3	33
32910	Grinding wheels and other abrasive products, except industrial diamonds.....	21	32	33
32990	Industrial diamonds ⁵	(5-10)	(NA)	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	(under 2)	3	(X)
34230	Hand and edge tools, excluding metalworking power and hacksaw blades.....	(under 2)	3	(X)
34430	Boiler shop products, including weldments and heat exchangers.....	(under 2)	(NA)	(X)
34500	Bolts, nuts, screws, fasteners, rivets, and screw machine products.....	1	6	40
35402	Parts specially designed for metalworking machinery, other than those listed elsewhere.....	4	13	42
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	1	16	52
35450	Cutting tools for machine tools, including chucks, collets, sleeves, small cutting tools, drills, reamers, carbide tips and blanks, and other attachments and accessories for machine tools.....	29	26	29
35602	Gears, worms, clutches, speed reducers, pulleys, and other mechanical power transmission equipment.....	2	(NA)	39
35610	Hydraulic and pneumatic equipment, including pumps and compressors.....	(2-5)	(NA)	(X)
36010	Electrical motor controls, switches, relays, circuit breakers, and other industrial electrical control apparatus.....	5	(NA)	22
90006	Shipping supplies ⁵	2	(NA)	35
93545	Other materials previously requested on the census report form ³	10	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	19	66	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972— industries 3546, 3547 and 3549	1967— industry 3548	
		(a)	(b)	
	INDUSTRY 3546.—POWER-DRIVEN HANDTOOLS INDUSTRY 3547.—ROLLING MILL MACHINERY INDUSTRY 3549.—METALWORKING MACHINERY, N.E.C.			
	Materials, parts, containers, and supplies, total.....	515	401	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	182	127	(X)
	Not specified by kind (census code 976000) ⁴	33	55	(X)
	Data obtained in MA-131 Survey (census code 970099).....	300	219	(X)
	Estimates based on the MA-131 Survey:			
28990	Foundry chemicals, metal treating compounds, and plating compounds.....	1	(NA)	1
29000	Lubricating oils (honing, quenching, cutting, etc.) and greases.....	2	(NA)	15
30690	Fabricated rubber products ⁵	2	(NA)	7
30790	Fabricated plastics products ⁵	14	(NA)	42
32910	Grinding wheels and other abrasive products, except industrial diamonds.....	3	8	13
32990	Industrial diamonds ⁵	(5-10)	(NA)	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	22	(NA)	5
34230	Hand and edge tools, excluding metalworking power and hacksaw blades.....	1	(NA)	11
34430	Boiler shop products, including weldments and heat exchangers.....	7	(NA)	13
34500	Bolts, nuts, screws, fasteners, rivets, and screw machine products.....	18	10	3
34690	Metal stampings ⁵	4	(NA)	2
35402	Metalworking machinery parts, other than those listed elsewhere.....	10	(NA)	13
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	10	(NA)	13
35450	Cutting tools for machine tools, including chucks, collets, sleeves, small cutting tools, drills, reamers, carbide tips and blanks, and other attachments and accessories for machine tools.....	22	37	18
35460	Power driven handtools, including parts ⁵	(2-5)	(NA)	(X)
35602	Gears, worms, clutches, speed reducers, pulleys, and other mechanical power transmission equipment.....	18	22	11
35610	Hydraulic and pneumatic equipment, including pumps and compressors.....	15	9	19
36010	Electrical motor controls, switches, relays, circuit breakers, and other industrial electrical control apparatus.....	48	45	3
36430	Current-carrying wiring devices ⁵	(5-10)	(NA)	(X)
90005	Packing supplies ⁵	4	(NA)	(X)
93540	Other materials previously requested on the census report form ³	8	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$14 million for nonmaterials in 1972.....	75	88	(X)
		Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 3551.—FOOD PRODUCTS MACHINERY			
	Materials, parts, containers, and supplies, total.....	320	272	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	101	84	(X)
	Not specified by kind (census code 976000) ⁴	70	46	(X)
	Data obtained in MA-131 Survey (census code 970099).....	149	142	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber.....	2	3	14
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	1	2	17
30790	Fabricated plastics products, except gaskets.....	3	2	32
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	1	(NA)	61
34230	Hand and edge tools, including files, rasps, etc., except saws and sawblades.....	(Z)	(NA)	36
34430	Metal tanks, heat exchangers, steam condensers, and other boiler-shop products; fabricated steel plate, and weldments.....	10	6	24
34500	Bolts, nuts, screws, rivets, and screw machine products.....	2	4	14
34620	Iron and steel forgings.....	2	(NA)	24
34901	Wire springs, and other fabricated nonelectric wire products, including paper machine wire cloth.....	2	(NA)	45
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers'.....	5	10	20
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	1	2	28
35450	Cutting tools for machine tools.....	1	3	17
35510	Food-products machinery parts, attachments, and accessories.....	34	28	20
35602	Plain bearings and bushings, gears, speed reducers, drives, and other mechanical power transmission equipment, except ball and roller bearings.....	15	18	14
35610	Pumps and compressors, except refrigeration compressors.....	5	1	20
35760	Scales and balances ⁵	(under 2)	(NA)	(X)
35850	Refrigeration and heating equipment ⁵	(2-5)	(NA)	(X)
36010	Electrical control and distribution equipment, including coils, switches, relays, regulators, motor controls, etc.....	10	13	17
93551	Other materials previously requested on the census report form ³	8	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$5 million for nonmaterials in 1972.....	13	47	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 3552.--TEXTILE MACHINERY			
	Materials, parts, containers, and supplies, total.....	289	278	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	101	80	(X)
	Not specified by kind (census code 976000) ⁴	34	43	(X)
	Data obtained in MA-131 Survey (census code 970099).....	154	155	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber.....	4	14	39
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	5	4	69
30790	Fabricated plastics products, except gaskets.....	12	3	33
33300	Nonferrous metal smelter and refinery shapes, including ingot, pig, billet, except zinc.....	(2-5)	(NA)	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	(2-5)	6	(X)
34230	Hand and edge tools, including files, rasps, etc., except saws and sawblades.....	1	4	20
34430	Metal tanks, heat exchangers, steam condensers, and other boiler-shop products; fabricated steel plate, and weldments.....	(under 2)	(NA)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	8	8	10
34620	Iron and steel forgings.....	1	8	36
34902	Fabricated metal pipe, valves, and pipe fittings.....	2	(NA)	35
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	2	4	14
35450	Cutting tools for machine tools.....	3	2	41
35522	Textile machinery, parts, attachments, and accessories, including heddles, picker sticks, spools, card clothing, etc.....	27	33	14
35602	Plain bearings and bushings, gears, speed reducers, drives, and other mechanical power transmission equipment, except ball and roller bearings.....	11	20	17
35610	Pumps and compressors, except refrigeration compressors.....	3	(NA)	58
36010	Electrical control and distribution equipment, including coils, switches, relays, regulators, motor controls, etc.....	8	14	10
90006	Shipping supplies ⁵	1	(NA)	39
90007	Maintenance on machinery ⁵	(2-5)	(NA)	(X)
93552	Other materials previously requested on the census report form ³	8	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	50	33	(X)
	INDUSTRY 3554.--PAPER INDUSTRIES MACHINERY			
	Materials, parts, containers, and supplies, total.....	163	223	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	36	73	(X)
	Not specified by kind (census code 976000) ⁴	49	30	(X)
	Data obtained in MA-131 Survey (census code 970099).....	78	120	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber.....	1	1	24
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	(5-10)	3	(X)
34430	Metal tanks, heat exchangers, steam condensers, and other boiler-shop products; fabricated steel plate, and weldments.....	(under 2)	40	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	1	3	17
34620	Iron and steel forgings.....	4	(NA)	32
34901	Wire springs, and other fabricated nonelectric wire products, including paper machine wire cloth.....	(under 2)	3	(X)
34902	Fabricated metal pipe, valves, and pipe fittings.....	1	(NA)	67
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	(under 2)	2	(X)
35450	Cutting tools for machine tools.....	1	2	20
35540	Pulpmill, papermill, and paper-converting machinery and equipment, parts and attachments and accessories.....	16	24	22
35602	Plain bearings and bushings, gears, speed reducers, drives, and other mechanical power transmission equipment, except ball and roller bearings.....	9	14	24
36010	Electrical control and distribution equipment, including coils, switches, relays, regulators, motor controls, etc.....	10	5	26
93554	Other materials previously requested on the census report form ³	5	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	21	23	(X)
	INDUSTRY 3555.--PRINTING TRADES MACHINERY			
	Materials, parts, containers, and supplies, total.....	219	234	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	69	64	(X)
	Not specified by kind (census code 976000) ⁴	49	53	(X)
	Data obtained in MA-131 Survey (census code 970099).....	101	117	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber.....	1	2	24
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	4	(NA)	75
30790	Fabricated plastics products, except gaskets.....	1	(NA)	26
33300	Nonferrous metal smelter and refinery shapes, including ingot, pig, billet, except zinc.....	(under 2)	5	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	(under 2)	(NA)	(X)
34230	Hand and edge tools, including files, rasps, etc., except saws and sawblades.....	1	(NA)	22
34430	Metal tanks, heat exchangers, steam condensers, and other boiler-shop products; fabricated steel plate, and weldments.....	5	(NA)	26
34440	Sheet metal work ⁵	(under 2)	(NA)	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 3555.--PRINTING TRADES MACHINERY--Continued			
	Estimates based on the MA-131 Survey--Continued			
34500	Bolts, nuts, screws, rivets, and screw machine products.....	3	5	22
34620	Iron and steel forgings.....	3	8	24
34901	Wire springs, and other fabricated nonelectric wire products, including paper machine wire cloth.....	1	(NA)	22
34902	Fabricated metal pipe, valves, and pipe fittings.....	1	(NA)	14
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	2	2	26
35450	Cutting tools for machine tools.....	2	3	17
35555	Printing-trades machinery and equipment, parts, attachments, and accessories, including ink rolls and printers' rolls.....	26	50	24
35602	Plain bearings and bushings, gears, speed reducers, drives, and other mechanical power transmission equipment, except ball and roller bearings.....	10	13	14
35609	Hydraulic components ⁵	(2-5)	(NA)	(X)
35610	Pumps and compressors, except refrigeration compressors.....	2	(NA)	22
35730	Electronic computing equipment ⁵	(under 2)	(NA)	(X)
35990	Machinery, except electrical, n.e.c. ⁵	(under 2)	(NA)	(X)
36010	Electrical control and distribution equipment, including coils, switches, relays, regulators, motor controls, etc.....	9	11	30
36700	Electronic components and accessories ⁵	(2-5)	(NA)	(X)
90008	Operating supplies ⁵	(2-5)	(NA)	(X)
93555	Other materials previously requested on the census report form ³	3	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	11	18	(X)
	INDUSTRY 3559.--SPECIAL INDUSTRY MACHINERY, N.E.C.			
	Materials, parts, containers, and supplies, total.....	903	670	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	245	205	(X)
	Not specified by kind (census code 976000) ⁴	138	134	(X)
	Data obtained in MA-131 Survey (census code 970099).....	520	331	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber.....	4	4	28
28000	Chemicals and allied products ⁶	8	(NA)	61
28190	Industrial inorganic chemicals ⁵	(50-100)	(NA)	(X)
30110	Tires and inner tubes ⁵	(2-5)	(NA)	(X)
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	6	5	14
30790	Fabricated plastics products, except gaskets.....	3	4	41
32000	Stone, clay, and glass products, including nonclay refractories ⁶	10	(NA)	1
32910	Abrasive products ⁵	(under 2)	3	(X)
33300	Nonferrous metal smelter and refinery shapes, including ingot, pig, billet, except zinc.....	4	13	52
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	24	(NA)	17
34001	Welding materials ⁵	1	(NA)	33
34230	Hand and edge tools, including files, rasps, etc., except saws and sawblades.....	4	(NA)	49
34430	Metal tanks, heat exchangers, steam condensers, and other boiler-shop products; fabricated steel plate, and weldments.....	51	(NA)	1
34500	Bolts, nuts, screws, rivets, and screw machine products.....	10	8	22
34620	Iron and steel forgings.....	6	(NA)	1
34901	Wire springs, and other fabricated nonelectric wire products, including paper machine wire cloth.....	2	(NA)	21
34902	Fabricated metal pipe, valves, and pipe fittings.....	24	11	10
35350	Conveyors and conveying equipment ⁵	3	(NA)	39
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	7	7	17
35450	Cutting tools for machine tools.....	4	7	17
35591	Special industry machinery, parts, attachments, and accessories, n.e.c.....	31	58	23
35602	Plain bearings and bushings, gears, speed reducers, drives, and other mechanical power transmission equipment, except ball and roller bearings.....	32	44	9
35609	Hydraulic and pneumatic equipment ⁵	(2-5)	(NA)	(X)
35610	Pumps and compressors, except refrigeration compressors.....	16	12	13
35640	Blowers and fans ⁵	(under 2)	(NA)	(X)
35990	Machinery, except electrical, n.e.c. ⁵	7	(NA)	36
36010	Electrical control and distribution equipment, including coils, switches, relays, regulators, motor controls, etc.....	44	38	1
36230	Welding apparatus, electric ⁵	D.	2	(X)
36700	Electronic components and accessories ⁵	(5-10)	(NA)	(X)
37140	Motor vehicle parts and accessories ⁵	(2-5)	(NA)	(X)
90005	Packing supplies ⁵	(2-5)	(NA)	(X)
93559	Other materials previously requested on the census report form ³	21	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	101	115	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)				Relative standard error ¹ for—	
		1972			1967— industry 3561	Column a	Column b
		Industry 3561	Industry 3563	Industries 3561 and 3563			
		(a)	(b)	(c)	(d)		
	INDUSTRY 3561.—PUMPS AND PUMPING EQUIPMENT INDUSTRY 3563.—AIR AND GAS COMPRESSORS						
	Materials, parts, containers, and supplies, total.....	727	348	1,075	874	(X)	(X)
	Data requested in census of manufactures: ²						
	Specified by kind ³	377	147	524	324	(X)	(X)
	Not specified by kind (census code 976000) ⁴	128	13	141	123	(X)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	222	188	410	427	(X)	(X)
	Estimates based on the MA-131 Survey:						
24210	Rough and dressed lumber.....	2	1	4	4	20	1
26000	Paper and paperboard products, except paperboard boxes and containers.....	2	1	3	(NA)	37	44
26500	Paperboard boxes and containers ⁵	4	(NA)	4	(NA)	22	(X)
29920	Lubricating oils and greases ⁵	1	(NA)	1	(NA)	45	(X)
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	7	6	13	9	20	1
30790	Fabricated plastics products, except gaskets.....	8	(under 2)	(5-10)	2	20	(X)
32930	Gaskets (all types), and asbestos packing.....	9	3	13	7	14	1
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	7	9	16	25	14	14
34430	Metal tanks, steel power boilers, fabricated steel plate, stacks, weldments, heat exchangers, steam condensers, and other fabricated boiler-shop products.....	14	21	35	25	24	1
34500	Bolts, nuts, screws, rivets, and screw machine products.....	26	10	35	22	10	1
34902	Fabricated metal pipe, valves, and pipe fittings.....	14	29	43	(NA)	17	1
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools...	8	5	12	12	10	1
35450	Cutting tools for machine tools.....	10	2	12	12	14	1
35602	Mechanical power transmission equipment, including plain bearings and bushings, gears, speed reducers, clutches, chains and sprockets, pulleys, etc.....	15	14	29	(NA)	16	14
35610	Pumps and compressors, except refrigeration compressors; parts and attachments specially designed for pumps, compressors, and pumping equipment.....	30	48	78	92	24	1
35990	Machinery, except electrical, n.e.c. ⁵	4	(under 2)	(2-5)	(NA)	28	(X)
36010	Switches, relays, regulators, and other electrical control and distribution equipment.....	12	9	21	21	17	1
36700	Resistors, capacitors, transformers, transducers and other electronic-type components, except electron tubes and solid state semiconductors.....	1	(under 2)	(under 2)	(NA)	33	(X)
38201	Mechanical measuring and controlling instruments.....	1	(under 2)	(under 2)	(NA)	20	(X)
93560	Other materials previously requested on the census report form ³	7	7	14	(NA)	(X)	(X)
99999	All other materials, parts, components, containers, and supplies not listed above.....	40	14	54	142	(X)	17
	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a			
		1972	1967				
		(a)	(b)				
	INDUSTRY 3562.—BALL AND ROLLER BEARINGS						
	Materials, parts, containers, and supplies, total.....		551	463		(X)	
	Data requested in census of manufactures: ²						
	Specified by kind ³		413	281		(X)	
	Not specified by kind (census code 976000) ⁴		17	6		(X)	
	Data obtained in MA-131 Survey (census code 970099).....		121	176		(X)	
	Estimates based on the MA-131 Survey:						
24400	Wooden containers, complete.....		(NA)	1		(X)	
26500	Paperboard boxes and containers, including folding, corrugated, fiber and setup.....		8	6		14	
29000	Lubricating oils (honing, quenching, cutting, etc.) and greases.....		8	6		10	
32910	Grinding wheels and other abrasive products, except industrial diamonds.....		13	11		1	
34500	Bolts, nuts, screws, rivets, and screw machine products.....		4	1		33	
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....		22	11		10	
35450	Cutting tools for machine tools.....		(10-20)	7		(X)	
35602	Plain bearings and bushings, speed reducers, gears, and other mechanical power-transmission equipment...		(2-5)	(NA)		(X)	
35620	Balls, rollers, cages, collars, races, and other antifriction bearing components and parts ⁷		(X)	102		(X)	
36210	Electric motors and generators.....		1	(NA)		22	
90007	Maintenance on machinery ⁵		(5-10)	(NA)		(X)	
90008	Operating supplies ⁵		2	(NA)		10	
93562	Other materials previously requested on the census report form ³		1	(NA)		(X)	
99999	All other materials, parts, components, containers, and supplies not reported above.....		37	31		(X)	

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 00: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)				Relative standard error ¹ for—	
		1972			1967— industry 3566	Column a	Column b
		Industry 3566	Industry 3568	Industries 3566 and 3568			
		(a)	(b)	(c)	(d)		
	INDUSTRY 3566.--SPEED CHANGERS, DRIVES, AND GEARS INDUSTRY 3568.--POWER TRANSMISSION EQUIPMENT, N.E.C.						
	Materials, parts, containers, and supplies, total.....	195	290	485	400	(X)	(X)
	Data requested in census of manufactures: ²						
	Specified by kind ³	85	161	246	207	(X)	(X)
	Not specified by kind (census code 976000) ⁴	45	10	55	81	(X)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	65	119	184	112	(X)	(X)
	Estimates based on the MA-131 Survey:						
26500	Paperboard boxes and containers, including folding, corrugated, fiber and setup.....	1	4	5	2	17	10
28210	Plastics and synthetic resin materials ⁵	(NA)	(NA)	(NA)	1	(X)	(X)
28510	Paints, lacquers, varnishes, shellacs, and enamels ⁵	(NA)	1	1	(NA)	(X)	63
29000	Lubricating oils (honing, quenching, cutting, etc.) and greases.....	(Z)	3	3	(NA)	17	14
30690	Fabricated rubber products ⁵	(NA)	(2-5)	(2-5)	(NA)	(X)	(X)
30790	Fabricated plastics products ⁵	(NA)	(2-5)	(2-5)	(NA)	(X)	(X)
32910	Grinding wheels and other abrasive products, except industrial diamonds.....	(Z)	2	2	(NA)	22	14
32920	Asbestos products ⁵	(NA)	(2-5)	(2-5)	(NA)	(X)	(X)
32930	Gaskets, packing and sealing devices ⁵	(under 2)	(2-5)	(2-5)	(NA)	(X)	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	7	(under 2)	(5-10)	9	26	(X)
34230	Hand and edge tools, including files, rasps, etc., except saws and sawblades.....	(NA)	(NA)	(NA)	1	(X)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	3	8	11	5	10	20
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools...	(Z)	5	5	6	28	14
35450	Cutting tools for machine tools.....	2	9	11	7	28	20
35602	Plain bearings and bushings, speed reducers, gears, and other mechanical power- transmission equipment.....	15	26	41	21	35	24
36210	Electric motors and generators.....	14	2	16	(NA)	22	58
90006	Shipping supplies ⁵	(NA)	1	1	(NA)	(X)	20
90007	Maintenance on machinery ⁵	(NA)	(2-5)	(2-5)	(NA)	(X)	(X)
90008	Operating supplies ⁵	(under 2)	(2-5)	(2-5)	(NA)	(X)	(X)
93560	Other materials previously requested on the census report form ³	-	9	9	(NA)	(X)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	22	34	53	60	(X)	(X)
	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a			
		1972		1967			
		(a)	(b)				
	INDUSTRY 3567.--INDUSTRIAL FURNACES AND OVENS						
	Materials, parts, containers, and supplies, total.....		178		198		(X)
	Data requested in census of manufactures: ²						
	Specified by kind ³		45		52		(X)
	Not specified by kind (census code 976000) ⁴		28		44		(X)
	Data obtained in MA-131 Survey (census code 970099).....		105		102		(X)
	Estimates based on the MA-131 Survey:						
24210	Rough and dressed lumber.....		(Z)		(NA)		20
26000	Paper and paperboard products, except paperboard boxes and containers.....		(under 2)		(NA)		(X)
30690	Fabricated rubber products, except tires, tubes, and gaskets.....		2		(NA)		77
30790	Fabricated plastics products, except gaskets.....		1		(NA)		70
32040	Refractories, clay and nonclay.....		3		18		22
32930	Gaskets (all types), and asbestos packing.....		1		(NA)		14
33200	Iron castings, gray and malleable, rough and semifinished ⁷		(X)		2		(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....		3		2		28
34430	Metal tanks, steel power boilers, fabricated steel plate, stacks, weldments, heat exchangers, steam condensers, and other fabricated boiler shop products.....		6		19		17
34500	Bolts, nuts, screws, rivets, and screw machine products.....		3		2		14
34902	Fabricated metal pipe, valves, and pipe fittings.....		5		7		28
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....		1		(NA)		14
35450	Cutting tools for machine tools.....		(Z)		(NA)		14
35602	Mechanical power transmission equipment, including plain bearings and bushings, gears, speed reducers, clutches, chains and sprockets, pulleys, etc.....		6		21		40
35610	Pumps and compressors, except refrigeration compressors; parts and attachments specially designed for pumps, compressors, and pumping equipment.....		2		9		14
35640	Fans and blowers ⁵		(under 2)		(NA)		(X)
35673	Industrial furnaces and ovens parts, attachments, and components, including electric heating units.....		20		6		22
36010	Switches, relays, regulators, and other electrical control and distribution equipment.....		9		5		24
36210	Electric motors and generators ⁵		(under 2)		3		(X)
36700	Resistors, capacitors, transformers, transducers and other electronic-type components, except electron tubes and solid state semiconductors.....		7		(NA)		17
38201	Mechanical measuring and controlling instruments.....		2		8		32
93567	Other materials previously requested on the census report form ³		6		(NA)		(X)
99999	All other materials, parts, components, containers, and supplies not listed above, including \$1 million for nonmaterials for 1972.....		25		1		(X)

See footnotes at end of table.

(Data shown parenthetically are ranges expressed in millions of dollars)

See footnotes at end of table.

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 3579.--OFFICE MACHINES, N.E.C.			
	Materials, parts, containers, and supplies, total.....	(¹⁰)	106	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	(D)	20	(X)
	Not specified by kind (census code 976000) ⁴	(D)	21	(X)
	Data obtained in MA-131 Survey (census code 970099).....	(D)	65	(X)
	Estimates based on the MA-131 Survey:			
26000	Paper and paperboard products, except paperboard boxes and containers.....	13	7	12
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	10	4	10
28010	Industrial chemicals and chemical products ⁵	(5-10)	(NA)	(X)
28210	Plastics and resin materials ⁵	(under 2)	2	(X)
30690	Fabricated rubber products, except gaskets.....	3	3	49
30790	Fabricated plastics products, except gaskets.....	4	6	10
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	3	4	26
34440	Sheet metal products, except stampings.....	5	(NA)	26
34500	Bolts, nuts, screws, rivets, and screw machine products.....	11	3	30
34601	Metal stampings.....	6	2	32
34950	Wire springs ⁵	(under 2)	2	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	2	3	60
35450	Cutting tools for machine tools.....	(Z)		46
35602	Plain bearings and bushings, gears, speed reducers, and other power transmission equipment.....	1	(NA)	44
35730	Electronic computing equipment ⁵	(5-10)	(NA)	(X)
35790	Office machines, including parts ⁵	(5-10)	(NA)	(X)
36000	Electric and electronic equipment ⁶	(2-5)	(NA)	(X)
36010	Switchgear, relays, regulators, and other electrical control and distribution equipment.....	4	6	54
36400	Electric wiring devices, including lampholders, outlets, snap-acting switches, metal contacts, and wire connectors.....	(NA)	2	(X)
93579	Other materials previously requested on the census report form ³	5	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	21	21	(X)
	INDUSTRY 3581.--AUTOMATIC MERCHANDISING MACHINES			
	Materials, parts, containers, and supplies, total.....	139	113	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	31	24	(X)
	Not specified by kind (census code 976000) ⁴	15	11	(X)
	Data obtained in MA-131 Survey (census code 970099).....	93	78	(X)
	Estimates based on the MA-131 Survey:			
24400	Wood containers, complete.....	(NA)	1	(X)
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	3	3	1
28510	Paints, varnishes, lacquers, and enamels.....	2	2	1
30690	Fabricated rubber products, except gaskets.....	1	1	1
30790	Fabricated plastics products, except gaskets.....	5	4	1
32960	Mineral wool insulation, including glass fiber.....	(NA)	1	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	1	2	26
33576	Flexible cord sets, complete.....	(under 2)	4	(X)
34290	Metal hardware, hinges, handles, locks, casters, etc.....	2	3	1
34500	Bolts, nuts, screws, rivets, washers, and screw machine products.....	12	5	1
34601	Metal stampings, including vitreous enameled.....	(5-10)	4	(X)
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers' ⁵	(NA)	1	(X)
35400	Dies, jigs, fixtures, punches and cutting tools for machine tools ⁵	(NA)	1	(X)
35810	Automatic merchandising machines, including parts, except coin-operated mechanisms ⁵	(2-5)	12	(X)
35812	Coin-operated mechanisms, purchased separately.....	7	(NA)	1
35850	Refrigeration compressors; compressor units; condensing units; fin coils; and other refrigeration, air-conditioning, and heat-transfer equipment.....	8	12	1
36010	Electrical distribution and control equipment, including switchgear, fuses, transformers, relays, regulators, etc.....	10	14	1
36430	Appliance outlets, switches, lampholders, connectors, metal contacts, and other current-carrying wiring devices.....	3	3	1
93581	Other materials previously requested on the census report form ³	6	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	21	4	(X)
	INDUSTRY 3585.--REFRIGERATION AND HEATING EQUIPMENT			
	Materials, parts, containers, and supplies, total.....	3,448	¹¹ 1,533	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	1,738	679	(X)
	Not specified by kind (census code 976000) ⁴	200	130	(X)
	Data obtained in MA-131 Survey (census code 970099).....	1,510	724	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber.....	15	4	22
24402	Wooden containers, complete, including combination wood and paperboard.....	13	8	10
26000	Paper and paperboard products, except paperboard boxes and containers.....	5	(NA)	1
28510	Paints, varnishes, lacquers, and enamels.....	18	9	1
28692	Refrigerant gases and other synthetic organic chemicals.....	22	9	1

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972	1967	
		(a)	(b)	
INDUSTRY 3585.--REFRIGERATION AND HEATING EQUIPMENT--Continued				
Estimates based on the MA-131 Survey--Continued				
28910	Adhesives and sealants ⁵	1	(NA)	1
28990	Foundry chemicals, frit, metal treating compounds, and plating compounds.....	2	3	10
30410	Rubber and plastic hose and belting ⁵	4	(NA)	1
30690	Fabricated rubber products, including door seals, except gaskets.....	35	10	14
30790	Fabricated plastics products, except gaskets.....	49	11	1
32310	Glass products ⁵	6	(NA)	22
32960	Mineral wool insulation, including glass fiber insulation.....	13	7	1
33560	Solder and braze alloy ⁵	(10-20)	(NA)	(X)
33576	Flexible cord sets, complete.....	7	(NA)	1
34290	Metal hardware, including hinges, handles, locks, casters, etc.....	24	7	1
34330	Oil and gas burners ⁵	26	(NA)	8
34500	Bolts, nuts, screws, rivets, washers, and screw machine products.....	46	20	1
34601	Metal stampings, including vitreous enameled.....	85	55	1
34901	Wire shelves and other fabricated nonelectric wire products.....	14	7	10
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers ¹	141	40	1
35190	Internal combustion engines ⁵	(10-20)	(NA)	(X)
35610	Pumps and pumping equipment ⁵	2	(NA)	39
35640	Fans and blowers.....	51	18	1
35660	Speed changers, drives and gears ⁵	3	(NA)	1
35683	Mechanical power transmission equipment ⁵	4	(NA)	14
35850	Compressors, compressor units, fin coils, and other heat transfer equipment ⁷	(X)	227	(X)
36010	Relays, regulators, and other electrical control apparatus.....	287	57	1
36430	Appliance outlets, switches, lampholders, and other current-carrying wiring devices.....	22	9	1
38220	Automatic temperature controls, thermostats, regulators, etc.....	39	28	1
90006	Shipping supplies ⁵	3	(NA)	1
93585	Other materials previously requested on the census report form ³	193	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$49 million for nonmaterials for 1972.....	341	195	(X)
INDUSTRY 3589.--SERVICE INDUSTRY MACHINERY, N.E.C.				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	370	243	(X)
	Specified by kind ³	105	65	(X)
	Not specified by kind (census code 976000) ⁴	58	49	(X)
	Data obtained in MA-131 Survey (census code 970099).....	207	129	(X)
Estimates based on the MA-131 Survey:				
28010	Industrial chemicals and chemical products.....	(NA)	2	(X)
28210	Plastics materials and resins ⁵	10	(NA)	10
28510	Paints and allied products.....	2	(NA)	14
30690	Fabricated rubber products, except gaskets.....	2	3	26
30790	Fabricated plastics products, except gaskets.....	18	1	14
32930	Gaskets, all types.....	(NA)	3	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	4	3	14
34430	Welded steel plates and shapes, including tanks and vessels.....	16	3	10
34500	Bolts, nuts, screws, rivets, and screw machine products.....	6	3	20
34601	Metal stampings.....	13	5	31
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers ¹	16	13	17
35000	Machinery, except electrical ⁶	8	(NA)	18
35602	Plain bearings and bushings, speed reducers, gears, and other mechanical power-transmission equipment, except ball and roller bearings.....	8	5	24
35610	Pumps and compressors, except refrigeration compressors.....	8	2	46
35620	Ball and roller bearings.....	2	(NA)	35
35640	Fans and blowers.....	(NA)	1	(X)
36430	Lampholders, appliance outlets, connectors, switches, and other current-carrying wiring devices.....	13	19	10
38201	Mechanical measuring and controlling instruments, except automatic temperature controls, including thermometers, gauges, indicators, and other instruments for measuring and controlling mechanical and physical properties.....	6	3	20
38220	Environmental controls ⁵	2	(NA)	51
39910	Brooms and brushes, including industrial and maintenance types.....	3	3	17
90006	Shipping supplies ⁵	1	(NA)	48
93589	Other materials previously specified on the census report form ³	7	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	62	60	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 35: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)				Relative standard error ¹ for—	
		1972			1967— industry 3599	Column a	Column b
		Industry 3592	Industry 3599	Industries 3592 and 3599			
		(a)	(b)	(c)	(d)		
	INDUSTRY 3592.--CARBURETORS, PISTONS, RINGS, AND VALVES INDUSTRY 3599.--MACHINERY, EXCEPT ELECTRICAL, N.E.C.						
	Materials, parts, containers, and supplies, total.....	245	929	1,173	922	(X)	(X)
	Data requested in census of manufactures: ²						
	Specified by kind ³	89	288	377	286	(X)	(X)
	Not specified by kind (census code 976000) ⁴	8	465	473	336	(X)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	148	176	323	300	(X)	(X)
	Estimates based on the MA-131 Survey:						
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	4	5	9	10	1	33
29000	Lubricating oils (honing, quenching, cutting, etc.) and greases.....	2	3	5	6	10	36
30000	Fabricated rubber and plastic products ⁶	(2-5)	4	(5-10)	(NA)	(X)	58
32910	Grinding wheels and other abrasive products, except industrial diamonds.....	4	7	10	11	24	28
33560	Nonferrous metal mill shapes and forms, except copper and aluminum ⁵	(5-10)	(5-10)	12	(NA)	(X)	(X)
33690	Nonferrous metal castings, except copper and aluminum ⁵	15	(NA)	15	(NA)	1	(X)
34000	Fabricated metal products ⁵	(under 2)	5	(5-10)	(NA)	(X)	61
34200	Hand and edge tools, including files, punches, saws, and sawblades.....	2	6	8	3	10	32
34500	Bolts, nuts, screws, rivets, and screw machine products.....	9	7	16	22	1	22
34601	Metal stampings.....	2	2	4	9	17	54
34620	Iron and steel forgings ⁵	(under 2)	(2-5)	(2-5)	(NA)	(X)	(X)
34940	Valves and pipe fittings ⁵	(NA)	(5-10)	(5-10)	(NA)	(X)	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools...	6	7	13	19	14	22
35450	Cutting tools for machine tools.....	6	14	20	15	14	30
35620	Ball and roller bearings.....	(NA)	(NA)	(NA)	1	(X)	(X)
35990	Machinery, except electrical ⁵	(10-20)	(5-10)	24	(NA)	(X)	(X)
36200	Electrical industrial apparatus.....	(NA)	5	5	(NA)	(X)	47
36230	Metal electrodes for electrical welding apparatus.....	(NA)	(NA)	(NA)	2	(X)	(X)
37140	Motor vehicle parts and accessories ⁵	(NA)	(5-10)	(5-10)	(NA)	(X)	(X)
93590	Other materials previously specified on the census report form ⁸	27	30	57	(NA)	(X)	(X)
99999	All other materials, parts, components, containers, and supplies not listed above.....	47	45	92	200	(X)	(X)

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
(Z) Less than half of the unit of measurement shown.

¹Estimates having associated relative standard errors exceeding 15 percent are of limited reliability. However, they may be combined into broader aggregates which are of acceptable reliability. See Explanatory Text for methodology. The 1972 standard errors may be used as approximations of the relative errors for the 1967 estimates. This general relationship may not hold for specific materials costs estimates due to the difference in the 2 sample designs.

²See table 7A of the 1972 Census of Manufactures final Industry series MC72(2) for quantity and cost data of the individual materials collected in the census of manufactures.

³The detail cost of materials as reported in the census of manufactures is understated by the amount shown in "Other materials previously requested on the census report form."

⁴Represents the total cost of materials for establishments that did not report detail materials data, and includes estimates for companies whose data were estimated based on administrative records. (See section titled "The Census Report Forms" in Introduction for discussion of administrative records.)

⁵Not separately listed on the MA-131 Survey report form. The cost estimate represents only the data reported by establishments consuming \$25,000 or more of this material as instructed on the report form.

⁶Represents data requested at a finer level of detail in the MA-131 Survey, but which have been aggregated to avoid disclosing figures for individual companies. This aggregated total excludes any data published at a finer level in either the census or the MA-131 Survey.

⁷Was collected in item 17 of the Census Report Form for 1972.

⁸Includes \$96 million listed as items such as axles, radiators, brakes, etc.

⁹Industry 3573 includes extensive duplication because the products of some establishments are consumed as materials by other establishments in the same industry.

¹⁰Industries 3579 and 3572 are combined in the 1972 Census of Manufactures to avoid disclosing figures of individual companies.

¹¹Materials data do not include that portion applicable to product class 35858 (warm air furnaces). This was classified in product class 34332 in the 1967 census.

SECTION II, PART 1—Continued

CHAPTER 6. Major Group 36—Electrical and Electronic Machinery, Equipment, and Supplies

This major group includes establishments primarily engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy.

A number of products which are sometimes considered as belonging in electrical equipment are classified in other major groups in the Standard Industrial Classification (SIC) Manual. For example, machinery or equipment powered by built-in or detachable electric motors, such as machine tools and other metal-working equipment, commercial laundry and dry cleaning equipment, industrial vacuum cleaners, and office and store machines are classified in Major Group 35. Establishments primarily engaged in producing glass insulators, glass blanks for bulbs, and porcelain electrical supplies in Major Group 32; those producing electric furnaces and ovens, turbo-generators and gas-welding apparatus in Major Group 35; and those making automatic temperature controls in Major Group 38.

Establishments primarily engaged in manufacturing instruments for indicating measuring, and recording electrical quantities and characteristics were formerly classified in industry 3611. In the revised SIC, these are classified in industry 3825.

Industries included in Major Group 36 are typically defined

in terms of products and may include both electrical and electronic equipment. Industry groups 365, 366, and 367 include the bulk of electronic equipment in this major group, i.e., radios, television sets, electron tubes, etc., but they also encompass some communications equipment other than electronic. Most of the other industries in Major Group 36 include products generally defined as electrical rather than electronic. Electronic components are frequently produced and consumed at the same location by establishments classified in this major group. Thus, there are (1) plants solely engaged in producing electronic components, (2) plants producing electronic components and assembling them into finished products, and (3) plants which assemble components produced elsewhere either in other plants of the same company or by other companies. Other types of components and equipment in Major Group 36 such as motors, generators, and motor-generator sets are not uncommonly produced for incorporation into other products made in the same plant.

The following industries in this major group are those for which information was obtained in the **1972 Census of Manufactures Supplemental Inquiry; Consumption of Materials, Parts, Containers, and Supplies During 1972**, on Form MA-131. They are included in this report.

SIC Codes and Titles

3612—Transformers
3613—Switchgear and Switchboard Apparatus
3621—Motors and Generators
3622—Industrial Controls
3624—Carbon and Graphite Products
3629—Electrical Industrial Apparatus, N.E.C.
3631—Household Cooking Equipment
3632—Household Refrigerators and Freezers
3633—Household Laundry Equipment
3634—Electric Housewares and Fans
3639—Household Appliances, N.E.C.
3641—Electric Lamps
3643—Current-Carrying Wiring Devices
3644—Noncurrent-Carrying Wiring Devices
3645—Residential Lighting Fixtures

3646—Commercial Lighting Fixtures
3647—Vehicular Lighting Equipment
3648—Lighting Equipment, N.E.C.
3651—Radio and TV Receiving Sets
3661—Telephone and Telegraph Apparatus
3662—Radio and TV Communication Equipment
3674—Semiconductors and Related Devices
3675—Electronic Capacitors
3676—Electronic Resistors
3677—Electronic Coils and Transformers
3678—Electronic Connectors
3679—Electronic Components, N.E.C.
3691—Storage Batteries
3694—Engine Electrical Equipment
3699—Electrical Equipment and Supplies, N.E.C.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 3612.--TRANSFORMERS			
	Materials, parts, containers, and supplies, total.....	679	517	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	(D)	268	(X)
	Not specified by kind (census code 976000) ⁴	15	23	(X)
	Data obtained in MA-131 Survey (census code 970099).....	(D)	226	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber.....	6	3	14
26000	Paper and paperboard products, including paper bags and varnished insulating paper, except paperboard boxes and containers.....	18	17	1
28011	Industrial chemicals and chemical products, acids, gases, fluxes, foundry and plating chemicals, alkalis, oxides, frit, etc.....	5	7	1
28510	Paints, varnishes, lacquers, and enamels.....	10	6	1
29000	Transformer oil and other refined petroleum products.....	20	15	1
32640	Porcelain, steatite, and other ceramic electrical products.....	23	21	1
32930	Gaskets (all types) and asbestos packing and insulation.....	10	9	1
34430	Fabricated metal tanks ⁵	8	(NA)	14
34500	Bolts, nuts, screws, rivets, and screw machine products.....	10	9	1
34601	Metal stampings.....	9	4	26
36010	Industrial capacitors, rheostats, resistors, tap changers, and circuit breakers.....	54	35	10
36130	Switches, except snap, toggle and push, and circuit breakers ⁵	4	(NA)	10
36430	Wire connectors, lightning arresters, choke coils, and other current-carrying wiring devices.....	33	15	10
38201	Thermometers, gauges, and other instruments for measuring physical properties; temperature, pressure, liquid level, etc.....	9	6	1
93612	Other materials previously requested on the census report form ³	13	(X)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	(D)	79	(X)
	INDUSTRY 3613.--SWITCHGEAR AND SWITCHBOARD APPARATUS			
	Materials, parts, containers, and supplies, total.....	754	604	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	399	303	(X)
	Not specified by kind (census code 976000) ⁴	48	64	(X)
	Data obtained in MA-131 Survey (census code 970099).....	307	237	(X)
	Estimates based on the MA-131 Survey:			
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	8	7	1
28510	Paints, varnishes, lacquers, enamels, and shellacs.....	5	4	1
29000	Refined petroleum products ⁵	1	(NA)	1
30690	Fabricated rubber products, except gaskets.....	2	4	10
30790	Fabricated plastics products, including laminated plastic parts but excluding gaskets.....	34	20	1
32640	Porcelain, steatite, and other ceramic electrical products.....	36	35	10
33300	Nonferrous metal smelter and refinery shapes, including precious metals.....	21	15	3
34440	Sheet metal products, except stampings.....	7	4	10
34500	Bolts, nuts, screws, rivets, and screw machine products.....	29	21	1
34690	Metal stampings ⁵	5	(NA)	10
34901	Wire springs and other fabricated nonelectric wire products.....	5	6	1
34909	Bimetal ⁵	2	(NA)	1
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	4	5	17
35450	Cutting tools for machine tools.....	3	1	1
35602	Plain bearings and bushings, speed reducers, and other mechanical power transmission equipment ⁵	1	(NA)	14
36120	Transformers, power and distribution.....	8	7	9
36130	Switches, except snap, toggle and push, and circuit breakers.....	22	20	24
36210	Electric motors, generators, and parts.....	7	(NA)	46
36290	Industrial capacitors and electrical coil windings.....	7	7	17
36430	Wire connectors and metal contacts for electrical devices.....	21	17	1
36700	Resistors, capacitors, transformers, and other electronic-type components, except electron tubes and solid state semiconductors.....	13	6	10
38250	Electrical meters and electrical indicating instruments.....	5	17	1
93613	Other materials previously requested on the census report form ³	9	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	52	41	(X)
	INDUSTRY 3621.--MOTORS AND GENERATORS			
	Materials, parts, containers, and supplies, total.....	992	920	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	554	434	(X)
	Not specified by kind (census code 976000) ⁴	41	84	(X)
	Data obtained in MA-131 Survey (census code 970099).....	397	402	(X)
	Estimates based on the MA-131 Survey:			
26000	Paper and paperboard products, except paperboard boxes and containers.....	4	11	10
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	13	16	10
28210	Plastics and synthetic resin materials, including molding and extrusion.....	8	15	1
28510	Paints, varnishes, lacquers, and enamels.....	10	14	1
30690	Fabricated rubber products, except gaskets.....	11	3	1

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3621.--MOTORS AND GENERATORS--Continued			
	Estimates based on the MA-131 Survey--Continued:			
30790	Fabricated plastic products, except gaskets.....	10	7	1
32990	Mica and mica products.....	4	4	26
34230	Hand and edge tools, including files, rasps, etc., except saws and sawblades.....	7	14	1
34500	Bolts, nuts, screws, rivets, and screw machine products.....	24	32	14
34601	Metal stampings, including fans and fan parts.....	30	35	17
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	23	21	1
35450	Cutting tools for machine tools.....	7	3	10
35602	Plain bearings, and bushings, speed reducers, gears, pinions, and other mechanical power-transmission equipment.....	20	29	1
36010	Switches, relays, regulators, overload devices, and other electrical distribution and control equipment.....	29	29	1
36200	Capacitors, rheostats, coil windings, and other components for electrical industrial apparatus.....	18	12	10
36210	Commutators and other parts, not listed elsewhere, specially designed for electric motors and generators.	19	31	14
36241	Carbon brushes, brush plates, electrodes for thermal and electrolytic use and other carbon and graphite products.....	10	11	1
36700	Resistors, capacitors, transformers, and other electronic-type components, except electron tubes and solid state semiconductors.....	5	6	1
93612	Other materials previously requested on the census report form ³	23	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	121	109	(X)
	INDUSTRY 3622.--INDUSTRIAL CONTROLS			
	Materials, parts, containers, and supplies, total.....	489	359	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	188	140	(X)
	Not specified by kind (census code 976000) ⁴	59	54	(X)
	Data obtained in MA-131 Survey (census code 970099).....	242	165	(X)
	Estimates based on the MA-131 Survey:			
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	8	3	32
28510	Paints, varnishes, lacquers, enamels, and shellacs.....	2	(NA)	17
30690	Fabricated rubber products, except gaskets.....	(2-5)	1	(X)
30790	Fabricated plastics products, including laminated plastic parts but excluding gaskets.....	18	11	14
33300	Nonferrous metal smelter and refinery shapes, including precious metals.....	8	6	37
34440	Sheet metal products, except stampings.....	22	5	32
34500	Bolts, nuts, screws, rivets, and screw machine products.....	12	10	10
34901	Wire springs and other fabricated nonelectric wire products.....	(under 2)	4	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	8	8	36
35450	Cutting tools for machine tools.....	1	3	39
35730	Electronic computing equipment ⁵	(2-5)	(NA)	(X)
36120	Transformers, power and distribution.....	3	4	20
36130	Switches, except snap, toggle and push, and circuit breakers.....	10	5	41
36210	Electric motors, generators, and parts.....	10	4	54
36290	Industrial capacitors and electrical coil windings.....	6	(NA)	10
36293	Electrical coil windings ⁵	(NA)	14	(X)
36430	Wire connectors and metal contacts for electrical devices.....	(10-20)	16	(X)
36700	Resistors, capacitors, transformers, and other electronic-type components, except electron tubes and solid state semiconductors.....	31	17	17
36730	Electron tubes ⁵	(2-5)	(NA)	(X)
38250	Electrical meters and electrical indicating instruments.....	10	3	33
90007	Maintenance on machinery ⁵	(10-20)	(NA)	(X)
93622	Other materials previously requested on the census report form ³	33	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	26	51	(X)
	INDUSTRY 3624.--CARBON AND GRAPHITE PRODUCTS			
	Materials, parts, containers, and supplies, total.....	108	101	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	3	1	(X)
	Not specified by kind (census code 976000) ⁴	3	10	(X)
	Data obtained in MA-131 Survey (census code 970099).....	102	90	(X)
	Estimates based on the MA-131 Survey:			
12110	Coal, used as raw material.....	(under 2)	(NA)	(X)
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	1	1	14
28160	Inorganic pigments ⁵	1	(NA)	14
28656	Pitch.....	(5-10)	(NA)	(X)
29990	Coke; petroleum coke, metallurgical coke, calcined coke, foundry coke, etc., used as raw material.....	15	17	10
32550	Clay refractories ⁵	(2-5)	(NA)	10
32952	Natural graphite.....	(5-10)	1	(X)
33100	Coke screening and breeze, used as raw materials ⁵	(2-5)	2	(X)
33300	Primary nonferrous metals ⁶	(5-10)	(NA)	(X)
36240	Brush plates.....	(NA)	1	(X)
36242	Carbon shapes and forms; plates, blocks, logs, pellets, powder, rods, etc.....	14	(NA)	24
90007	Maintenance on machinery ⁵	(2-5)	(NA)	10
93624	Other materials previously requested on the census report form ³	1	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	38	68	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 3629.--ELECTRICAL INDUSTRIAL APPARATUS, N.E.C.			
	Materials, parts, containers, and supplies, total.....	175	126	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	34	23	(X)
	Not specified by kind (census code 976000) ⁴	30	23	(X)
	Data obtained in MA-131 Survey (census code 970099).....	111	80	(X)
	Estimates based on the MA-131 Survey:			
26000	Paper and paperboard products, except paperboard boxes and containers.....	18	16	14
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	2	1	22
28011	Industrial chemicals and chemical products; acids, gases, fluxes, foundry and plating chemicals, alkalies, oxides, frit, etc.....	2	4	14
28510	Paints, varnishes, lacquers, and enamels.....	2	1	14
32640	Porcelain, steatite, and other ceramic electrical products.....	10	6	14
33100	Steel mill shapes and forms.....	9	2	35
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	1	1	49
34230	Hand and edge tools, including files, rasps, etc., except saws and sawblades.....	1	1	40
34500	Bolts, nuts, screws, rivets, and screw machine products.....	6	4	28
34601	Metal stampings, including condenser cans.....	5	3	17
36010	Transformers, switchgear, relays, panelboards, and other electrical control and distribution equipment..	16	8	17
36200	Industrial capacitors and resistors, rheostats, coil windings, and other components for electrical apparatus.....	4	5	22
36700	Electronic-type components, including resistors, capacitors, transformers, etc., except electron tubes and solid state semiconductors.....	7	2	22
93629	Other materials previously requested on the census report form ³	2	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$2 million for nonmaterials in 1972.....	26	26	(X)
	INDUSTRY 3631.--HOUSEHOLD COOKING EQUIPMENT			
	Materials, parts, containers, and supplies, total.....	459	268	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	167	74	(X)
	Not specified by kind (census code 976000) ⁴	13	17	(X)
	Data obtained in MA-131 Survey (census code 970099).....	280	177	(X)
	Estimates based on the MA-131 Survey:			
28210	Plastics and synthetic resin materials, including molding and extrusion.....	3	(NA)	14
28510	Paints, varnishes, lacquers, enamels, and shellacs.....	7	6	10
28990	Foundry chemicals, frit, metal treating compounds, and plating compounds.....	8	4	1
30690	Fabricated rubber products, except gaskets.....	1	(NA)	1
30790	Fabricated plastics products, except gaskets.....	5	(NA)	1
32010	Glass and glass products.....	17	11	1
32930	Gaskets and asbestos packing.....	2	(NA)	1
32960	Mineral wool insulation, including glass fiber insulation.....	6	3	1
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	1	3	1
33576	Complete flexible cord sets.....	2	(NA)	14
33690	Zinc and zinc-base alloy castings, rough and semifinished.....	3	(NA)	1
34290	Metal hardware.....	15	7	10
34500	Bolts, nuts, screws, rivets, and screw machine products.....	10	5	1
34610	Metal stampings, including vitreous enameled ⁷	(X)	22	(X)
34901	Wire racks, grills, springs and other fabricated nonelectric wire products.....	15	8	14
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers'.....	6	9	10
35401	Dies, jigs, fixtures, punches, and cutting tools for machine tools.....	9	2	1
36010	Electric distribution and control equipment; fuses, relays, transformers, switchgear, etc.....	14	(NA)	1
36310	Cooking burners; oil, gas, and electric.....	15	11	10
36344	Heating units for electric appliances.....	13	6	10
36430	Appliance outlets, connectors, switches, lampholders, and other current-carrying wiring devices.....	20	11	1
38220	Automatic temperature controls; thermostats, regulators, etc.....	44	23	1
38710	Clocks, timers, and timing mechanisms ⁷	(X)	14	(X)
39930	Nameplates.....	1	(NA)	10
93631	Other materials previously requested on the census report form ³	18	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	44	32	(X)
	INDUSTRY 3632.--HOUSEHOLD REFRIGERATORS AND FREEZERS			
	Materials, parts, containers, and supplies, total.....	821	933	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	362	287	(X)
	Not specified by kind (census code 976000) ⁴	2	49	(X)
	Data obtained in MA-131 Survey (census code 970099).....	457	648	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber.....	4	3	1
24402	Wooden containers, complete; including combination wood and paperboard.....	(2-5)	9	(X)
26000	Paper and paperboard products, except paperboard boxes and containers.....	3	7	1

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972	1967	
		(a)	(b)	
INDUSTRY 3632.--HOUSEHOLD REFRIGERATORS AND FREEZERS--Continued				
Estimates based on the MA-131 Survey--Continued:				
28510	Paints, varnishes, lacquers, and enamels.....	33	15	1
28692	Refrigerant gases and other synthetic organic chemicals.....	13	5	1
28990	Foundry chemicals, frit, metal treating compounds, and plating compounds.....	6	8	1
30690	Fabricated rubber products, including door seals, except gaskets.....	19	22	1
30790	Fabricated plastics products, except gaskets.....	113	69	1
32310	Glass products ⁵	2	(NA)	1
32930	Gaskets, all types ⁵	7	(NA)	1
32960	Mineral wool insulation, including glass fiber insulation.....	18	22	1
33576	Flexible cord sets, complete.....	6	14	1
34290	Metal hardware, including hinges, handles, locks, casters, etc.....	24	33	10
34500	Bolts, nuts, screws, rivets, washers, and screw machine products.....	19	22	1
34601	Metal stampings, including vitreous enameled.....	11	21	1
34901	Wire shelves and other fabricated nonelectric wire products.....	31	29	1
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers.....	(5-10)	11	(X)
35640	Fans and blowers.....	5	(NA)	1
35850	Compressors, compressor units, condensing units, fin coils, and other heat transfer equipment ⁷	(X)	140	(X)
36010	Relays, regulators, and other electrical control apparatus.....	24	40	1
36430	Appliance outlets, switches, lampholders, and other current-carrying wiring devices.....	23	21	1
38220	Automatic temperature controls, thermostats, regulators, etc.....	28	29	1
93632	Other materials previously requested on the census report form ³	20	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	37	128	(X)
INDUSTRY 3633.--HOUSEHOLD LAUNDRY EQUIPMENT				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	665	539	(X)
	Specified by kind ³	336	201	(X)
	Not specified by kind (census code 976000) ⁴	2	44	(X)
	Data obtained in MA-131 Survey (census code 970099).....	327	294	(X)
Estimates based on the MA-131 Survey:				
24402	Wooden containers, complete; including combination wood and paperboard.....	(5-10)	3	(X)
28510	Paints, varnishes, lacquers, and enamels.....	14	10	1
30690	Rubber hose, V-belts, rolls, and other fabricated rubber products, except gaskets.....	31	22	1
30790	Plastic agitators and other fabricated plastics products, except gaskets.....	31	16	1
33690	Zinc and zinc-base alloy castings, rough and semifinished.....	20	26	1
34500	Bolts, nuts, screws, rivets, and screw machine products.....	21	13	1
34610	Metal stampings ⁷	(X)	27	(X)
34615	Vitreous (porcelain) enameled tubes and other enameled parts ⁷	(X)	18	(X)
34901	Wire springs and other fabricated nonelectric wire products.....	6	4	1
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers.....	11	13	1
35602	Gears, speed reducers, plain bearings and bushings, and other mechanical power transmission equipment, except ball and roller bearings.....	10	11	1
35620	Ball and roller bearings.....	5	(NA)	1
35850	Refrigeration compressor units, condensing units, fin coils, and other refrigeration equipment ⁵	(10-20)	(NA)	(X)
36310	Cooking burners ⁵	(5-10)	(NA)	(X)
36333	Wringers (complete and other parts and attachments for laundry equipment.....	(2-5)	5	(X)
36430	Current-carrying wiring devices ⁵	(under 2)	(NA)	(X)
38220	Automatic temperature controls (thermostats, regulators, etc.).....	41	11	1
38710	Timing mechanisms ⁷	(X)	29	(X)
39930	Nameplates ⁵	(5-10)	(NA)	(X)
93633	Other materials previously requested on the census report form ³	18	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	86	86	(X)
INDUSTRY 3634.--ELECTRIC HOUSEWARES AND FANS				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	649	449	(X)
	Specified by kind ³	225	124	(X)
	Not specified by kind (census code 976000) ⁴	50	53	(X)
	Data obtained in MA-131 Survey (census code 970099).....	374	272	(X)
Estimates based on the MA-131 Survey:				
22010	Fabrics made of cotton, wool, silk, and synthetic fibers.....	17	14	1
27000	Printed material ⁵	(under 2)	(NA)	(X)
28210	Plastics and synthetic resin materials, including molding and extrusion.....	34	22	1
28510	Paints, varnishes, lacquers, enamels, and shellacs.....	6	4	17
28990	Foundry chemicals, frit, metal treating compounds, and plating compounds.....	4	7	1
30690	Fabricated rubber products, except gaskets.....	3	2	17
30790	Fabricated plastics products, except gaskets.....	47	27	1
31721	Dry shaver cases, leather.....	-	4	(X)
32010	Glass and glass products.....	11	(NA)	1
32930	Gaskets and asbestos packing.....	1	4	1
32960	Mineral wool insulation, including glass fiber insulation.....	(2)		33
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	14	(NA)	10

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
INDUSTRY 3634.--ELECTRIC HOUSEWARES AND FANS--Continued				
Estimates based on the MA-131 Survey--Continued				
33576	Complete flexible cord sets.....	16	17	1
33690	Zinc and zinc-base alloy castings, rough and semifinished.....	10	15	1
34290	Metal hardware.....	9	(NA)	1
34500	Bolts, nuts, screws, rivets, and screw machine products.....	18	21	1
34601	Metal stampings, including vitreous enameled ⁷	(X)	16	(X)
34901	Wire racks, grills, springs and other fabricated nonelectric wire products.....	5	(NA)	10
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers.....	(Z)	(NA)	53
35401	Dies, jigs, fixtures, punches, and cutting tools for machine tools.....	5	10	10
35990	Machinery, except electrical ⁵	(5-10)	(NA)	(X)
36010	Electric distribution and control equipment; fuses, relays, transformers, switchgear, etc.....	14	(NA)	26
36340	Electric housewares and fans including parts ⁵	(5-10)	(NA)	(X)
36344	Heating units for electric appliances.....	15	(NA)	14
36430	Appliance outlets, connectors, switches, lampholders, and current-carrying wiring devices.....	30	14	1
36920	Batteries ⁵	(under 2)	(NA)	(X)
38220	Automatic temperature controls; thermostats, regulators, etc.....	12	10	10
38735	Clocks, timers, timing mechanisms, and clock movements ⁵	(2-5)	(NA)	1
39930	Nameplates.....	6	6	1
93634	Other materials previously requested on the census report form ³	18	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	56	79	(X)
INDUSTRY 3639.--HOUSEHOLD APPLIANCES, N.E.C.				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	347	250	(X)
	Specified by kind.....	135	103	(X)
	Not specified by kind (census code 976000) ⁴	47	39	(X)
	Data obtained in MA-131 Survey (census code 970099).....	165	108	(X)
Estimates based on the MA-131 Survey:				
25410	Dishwasher tops, laminated and wood ⁵	(2-5)	(NA)	(X)
28210	Plastics and synthetic resin materials, including molding and extrusion.....	7	(NA)	1
28510	Paints, varnishes, lacquers, enamels, and shellacs.....	8	7	1
28990	Foundry chemicals, frit, metal treating compounds, and plating compounds.....	6	4	22
30690	Fabricated rubber products, except gaskets.....	6	2	1
30790	Fabricated plastics products, except gaskets.....	5	7	14
32010	Glass and glass products.....	1	(NA)	10
32930	Gaskets and asbestos packing.....	3	(NA)	42
32960	Mineral wool insulation, including glass fiber insulation.....	3	(NA)	1
33560	Nonferrous metal mill shapes and forms except copper and aluminum.....	(under 2)	7	(X)
33690	Zinc and zinc-base alloy castings, rough and semifinished.....	(5-10)	(NA)	(X)
34290	Metal hardware.....	7	(NA)	1
34330	Heating burners, oil and gas.....	(NA)	1	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	13	5	1
34601	Metal stampings, including vitreous enameled ⁷	(X)	5	(X)
34901	Wire racks, grills, springs and other fabricated nonelectric wire products.....	1	(NA)	1
34902	Fabricated metal pipe, valves, and pipe fittings, except plumbers.....	6	6	1
35401	Dies, jigs, fixtures, punches, and cutting tools for machine tools.....	(2-5)	3	(X)
35600	Pumps, air and gas compressors, blowers and fans, gears, clutches, and other power transmission equipment	(NA)	1	(X)
36010	Electric distribution and control equipment; fuses, relays, transformers, switchgear, etc.....	5	7	1
36344	Heating units for electric appliances.....	9	(NA)	1
36430	Appliance outlets, connectors, switches, lampholders, and other current-carrying wiring devices.....	16	3	1
38220	Automatic temperature controls thermostats, regulators, etc.....	28	22	1
39930	Nameplates.....	2	(NA)	1
90006	Shipping supplies ⁵	(under 2)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	26	28	(X)
INDUSTRY 3641.--ELECTRIC LAMPS				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	345	228	(X)
	Specified by kind ³	128	21	(X)
	Not specified by kind (census code 976000) ⁴	6	16	(X)
	Data obtained in MA-131 Survey (census code 970099).....	211	191	(X)
Estimates based on the MA-131 Survey:				
10610	Tungsten ores and concentrates.....	(NA)	1	(X)
28130	Industrial gases, compressed and liquefied.....	3	8	10
28190	Other inorganic chemical, except medicinals, including phosphors.....	27	3	1
28510	Paints, varnishes, lacquers, enamels, and shellacs.....	(under 2)	2	(X)
30790	Fabricated plastics products ⁵	(under 2)	(NA)	(X)
32010	Glass and glass products, including lamp bulb blanks ⁷	(X)	72	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum ⁵	22	8	8
33570	Nonferrous metal wire ⁵		(NA)	
36480	Lighting equipment, including parts ⁵	4	(NA)	37

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3641.--ELECTRIC LAMPS--Continued			
	Estimates based on the MA-131 Survey--Continued			
36700	Electronic components and accessories ⁵	(2-5)	(NA)	(X)
36992	Components for electric lamp bulbs; bases, supports, lead-ins, filaments, etc.....	133	73	1
90007	Maintenance on machinery ⁵	3	(NA)	1
90008	Operating supplies ⁵	(under 2)	(NA)	(X)
93641	Other materials previously requested on the census report form ³	1	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	13	24	(X)
	INDUSTRY 3643.--CURRENT-CARRYING WIRING DEVICES			
	Materials, parts, containers, and supplies, total.....	427	285	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	166	83	(X)
	Not specified by kind (census code 976000) ⁴	42	60	(X)
	Data obtained in MA-131 Survey (census code 970099).....	219	142	(X)
	Estimates based on the MA-131 Survey:			
26500	Paperboard boxes and containers; including folding, corrugated, fiber and setup.....	9	7	14
28011	Industrial chemicals, and chemical products; acids, gases, fluxes, foundry and plating chemicals, oxides, frit, etc.....	4	(NA)	20
30690	Fabricated rubber products, except gaskets.....	7	4	14
30790	Fabricated plastics products, except gaskets.....	24	10	17
32640	Porcelain, steatite, and other ceramic electrical products.....	6	7	20
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	36	40	16
34230	Hand and edge tools; including files, rasps, punches, etc., except saws and sawblades.....	1	1	32
34500	Bolts, nuts, screws, rivets, washers, and screw machine products.....	13	11	20
34601	Metal stampings, including socket caps and shells.....	10	10	14
34901	Wire springs and other nonelectric wire products ⁵	(NA)	1	(X)
35400	Dies, jigs, fixtures, punches, and cutting tools for machine tools ⁵	(NA)	3	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	6	(NA)	28
36430	Metal contacts, wire connectors, outlets, and other current-carrying wiring devices.....	53	14	17
36440	Noncurrent-carrying wiring devices; including boxes and covers, conduit fittings and insulating bushings	2	1	14
36700	Electronic components and accessories ⁵	6	(NA)	40
93643	Other materials previously requested on the census report form ³	13	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	29	33	(X)
	INDUSTRY 3644.--NONCURRENT-CARRYING WIRING DEVICES			
	Materials, parts, containers, and supplies, total.....	349	266	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	217	122	(X)
	Not specified by kind (census code 976000) ⁴	12	39	(X)
	Data obtained in MA-131 Survey (census code 970099).....	120	105	(X)
	Estimates based on the MA-131 Survey:			
26500	Paperboard boxes and containers, including folding, corrugated, fiber and setup.....	10	6	10
28011	Industrial chemicals, and chemical products; acids, gases, fluxes, foundry and plating chemicals, oxides, frit, etc.....	9	(NA)	17
28510	Paints and allied products ⁵	1	1	51
30690	Fabricated rubber products, except gaskets.....	1	2	14
30790	Fabricated plastics products, except gaskets.....	7	6	14
32290	Glass products ⁵	(2-5)	(NA)	(X)
32640	Porcelain, steatite, and other ceramic electrical products.....	4	(NA)	14
33560	Nonferrous metal mill shapes and forms except copper and aluminum.....	4	(NA)	20
34230	Hand and edge tools, including files, rasps, punches, etc., except saws and sawblades.....	6	6	10
34500	Bolts, nuts, screws, rivets, washers, and screw machine products.....	22	15	10
34601	Metal stampings, including socket caps and shells.....	11	3	20
35400	Dies, jigs, fixtures, punches, and cutting tools for machine tools ⁵	(NA)	3	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	3	(NA)	14
36120	Ballasts ⁵	(2-5)	(NA)	(X)
36430	Metal contacts, wire connectors, outlets, and other current-carrying wiring devices.....	3	6	39
36440	Noncurrent-carrying wiring devices, including boxes and covers; conduit fittings and insulating bushings	3	5	14
93644	Other materials previously requested on the census report form ³	9	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$2 million for nonmaterials costs in 1972.....	23	52	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)						Relative standard error ¹ for—			
		1972					1967— industry 3642	Column a	Column b	Column c	Column d
		Industry 3645	Industry 3646	Industry 3647	Industry 3648	Industries 3645, 3646, 3647, and 3648					
		(a)	(b)	(c)	(d)	(e)	(f)				
	INDUSTRY 3645.--RESIDENTIAL LIGHTING FIXTURES INDUSTRY 3646.--COMMERCIAL LIGHTING FIXTURES INDUSTRY 3647.--VEHICULAR LIGHTING EQUIPMENT INDUSTRY 3648.--LIGHTING EQUIPMENT, N.E.C.										
	Materials, parts, containers, and supplies, total.....	344	360	197	198	1,099	717	(X)	(X)	(X)	(X)
	Data requested in census of manufactures: ²										
	Specified by kind ³	84	85	50	75	294	153	(X)	(X)	(X)	(X)
	Not specified by kind (census code 976000) ⁴	92	39	10	16	157	163	(X)	(X)	(X)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	168	236	137	107	648	401	(X)	(X)	(X)	(X)
	Estimates based on the MA-131 Survey:										
22009	Shade material ⁵	11	-	-	-	11	(NA)	24	(X)	(X)	(X)
24000	Lumber and wood products ⁶	4	-	-	-	4	(NA)	35	(X)	(X)	(X)
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	18	15	5	7	44	35	1	1	1	1
28510	Paints, varnishes, lacquers, and enamels.....	5	5	2	2	14	12	10	10	1	44
30690	Fabricated rubber products, except gaskets.....	-	-	1	1	2	2	(X)	(X)	14	20
30790	Fabricated plastics products, except gaskets.....	8	32	19	8	67	37	14	10	1	14
32010	Glass and glass products.....	(NA)	(NA)	(NA)	(NA)	(NA)	48	(X)	(X)	(X)	(X)
32690	Pottery products, n.e.c. ⁵	2	-	-	-	2	(NA)	67	(X)	(X)	(X)
32930	Gaskets, all types ⁵	-	(under 2)	(2-5)	(under 2)	7	(NA)	(X)	(X)	(X)	(X)
33330	Zinc and zinc-base alloy smelter and refinery shapes.....	(under 2)	(under 2)	(under 2)	(under 2)	9	(NA)	(X)	(X)	(X)	(X)
33690	Zinc and zinc-base alloy castings, rough and semifinished.....	3	(under 2)	2	(2-5)	9	(NA)	10	(X)	1	(X)
34500	Bolts, nuts, screws, rivets, washers, and screw machine products.....	6	5	8	6	24	22	14	10	22	24
34601	Metal stampings, including vitreous enameled.....	16	21	(20-50)	11	(20-50)	10	10	20	1	(X)
34710	Metal plating ⁵	(2-5)	-	(under 2)	(under 2)	3	(NA)	(X)	(X)	(X)	(X)
35400	Dies, jigs, fixtures, punches, and cutting tools for machine tools.....	(NA)	(NA)	(NA)	(NA)	(NA)	3	(X)	(X)	(X)	(X)
35440	Special dies, tools, die sets, jigs and fixtures, except cutting tools for machine tools.....	(Z)	1	(5-10)	(2-5)	11	(NA)	35	14	(X)	(X)
36120	Specialty transformers and fluorescent ballasts.....	(2-5)	109	(under 2)	11	123	56	(X)	1	(X)	20
36402	Metal reflectors, brackets, and other fittings for lighting fixtures.....	8	8	(under 2)	5	(20-50)	16	14	20	(X)	10
36410	Electric lamp bulbs, incandescent, fluorescent, etc.....	2	6	12	8	27	25	37	28	10	1
36430	Lampholders, wire connectors, starters, sockets, and other current-carrying wiring devices.....	21	16	10	10	57	35	14	10	1	10
36700	Electronic components ⁵	(under 2)	-	3	(2-5)	5	(NA)	(X)	(X)	1	(X)
93640	Other materials previously requested on the census report form ³	18	5	2	5	31	(NA)	(X)	(X)	(X)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$6 million for nonmaterials for industry 3645 in 1972.....	41	13	33	25	113	94	(X)	(X)	(X)	(X)
Industry and material		Delivered cost (million dollars)					Relative standard error ¹ for column a				
		1972		1967							
		(a)	(b)	(c)	(d)	(e)	(f)				
	INDUSTRY 3651.--RADIO AND TV RECEIVING SETS										
	Materials, parts, containers, and supplies, total.....					2,197	2,400	(X)			
	Data requested in census of manufactures: ²										
	Specified by kind ³					919	1,092	(X)			
	Not specified by kind (census code 97600) ⁴					113	218	(X)			
	Data obtained in MA-131 Survey (census code 970099).....					1,165	1,090	(X)			
	Estimates based on the MA-131 Survey:										
24000	Lumber and wood products ⁶					6	(NA)	9			
25170	Radio, TV and phonograph cabinets, wood.....					(1)	57	(X)			
26000	Paper and paperboard products, except paper containers and paperboard boxes and containers.....					13	13	10			
28210	Plastic materials and resins ⁵					(10-20)	(NA)	(X)			
30690	Fabricated rubber products, except gaskets.....					3	5	1			
30790	Fabricated plastics products, except cabinets and gaskets.....					48	36	1			
32010	TV safety glass and other glass products.....					3	43	1			
33600	Die castings ⁶					(2-5)	(NA)	(X)			

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972	1967	
		(a)	(b)	
	INDUSTRY 3651.--RADIO AND TV RECEIVING SETS--Continued			
	Estimates based on the MA-131 Survey--Continued			
34290	Cabinet hardware.....	11	14	1
34500	Bolts, nuts, screws, washers, rivets, and screw machine products.....	27	18	1
34601	Metal stampings, including perforated metal products.....	80	64	1
34990	Fabricated metal products ⁵	11	(NA)	14
36360	Sewing machine parts ⁵	(2-5)	(NA)	(X)
36430	Lampholders, toggle switches, wire connectors, outlets, and other current-carrying wiring devices.....	47	27	1
36440	Noncurrent-carrying wiring devices, including boxes and covers, insulating bushings, nipples, and jacks.....	29	11	1
36510	Loudspeakers, microphones, and tuners, all types.....	171	159	1
36700	Electronic-type components and accessories; except electron tubes and solid state semiconductors, but including resistors, capacitors, transformers, tube sockets, slide switches, printed circuit boards, antennas, phonograph cartridges, pick-ups, needles, modules, dial assemblies, records changers, and record changer assemblies, etc.....	585	477	1
93651	Other materials previously requested on the census report form ³	14	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$4 million for nonmaterials in 1972	95	166	(X)
	INDUSTRY 3661.--TELEPHONE AND TELEGRAPH APPARATUS			
	Materials, parts, containers, and supplies, total.....	1,839	983	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	307	162	(X)
	Not specified by kind (census code 976000) ⁴	22	32	(X)
	Data obtained in MA-131 Survey (census code 970099).....	1,510	789	(X)
	Estimates based on the MA-131 Survey:			
24210	Dressed and rough lumber ⁵	(2-5)	1	(X)
26000	Paper and paperboard products, except paperboard boxes and containers.....	(5-10)	3	(X)
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	9	3	1
28510	Paints, varnishes, lacquers, enamel.....	11	9	1
28910	Adhesives and sealants ⁵	(5-10)	(NA)	(X)
28990	Chemical preparations ⁵	6	(NA)	1
30790	Fabricated plastics products ⁵	17	(NA)	1
33395	Precious metal refinery shapes, alloyed and unalloyed.....	(50-100)	5	(X)
33397	Nonferrous metal refinery shapes, except precious metals ⁵	(10-20)	(NA)	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	(50-100)	15	(X)
34230	Hand and edge tools ⁵	(10-20)	(NA)	(X)
34290	Hardware ⁵	(5-10)	(NA)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	(20-50)	11	(X)
34690	Metal stampings ⁵	10	(NA)	1
34990	Fabricated metal products ⁵	10	(NA)	1
36430	Switches, wire connectors, metal contacts, and other current-carrying wiring devices.....	86	40	1
36610	Parts and components specially designed for telephone and telegraph equipment, jacks, keys, dials, etc..	(200-500)	391	(X)
36700	Capacitors, resistors, transformers, and other electronic-type components, except electron tubes and solid state semiconductors.....	(200-500)	62	(X)
93661	Other materials previously requested on the census report form ³	47	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$6 million for nonmaterials in 1972.....	311	249	(X)
	INDUSTRY 3662.--RADIO AND TV COMMUNICATION EQUIPMENT			
	Materials, parts, containers, and supplies, total.....	2,999	3,153	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	574	451	(X)
	Not specified by kind (census code 976000) ⁴	228	447	(X)
	Data obtained in MA-131 Survey (census code 970099).....	2,197	2,255	(X)
	Estimates based on the MA-131 Survey:			
25170	Radio, TV and phonograph cabinets, wood.....	(NA)	2	(X)
30690	Fabricated rubber products, except gaskets.....	8	7	1
30790	Fabricated plastics products, including TV masks, knobs, etc. but excluding cabinets and gaskets.....	26	20	10
33300	Primary nonferrous metals ⁶	7	(NA)	58
34099	Miscellaneous fabricated metal products ⁵	16	(NA)	14
34290	Hardware ⁵	1	(NA)	22

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
INDUSTRY 3662.--RADIO AND TV COMMUNICATION EQUIPMENT--Continued				
Estimates based on the MA-131 Survey--Continued				
34440	Sheet metal products ⁵	(5-10)	(NA)	(X)
34500	Bolts, nuts, screws, washers, rivets, and screw machine products.....	53	45	1
34601	Metal stampings, including perforated metal products.....	72	56	10
34901	Wire springs and other fabricated nonelectric wire products.....	8	16	17
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	39	45	10
35450	Cutting tools for machine tools.....	7	4	10
35590	Special industry machinery, including parts ⁵	(5-10)	(NA)	(X)
35730	Electronic computing equipment ⁵	16	(NA)	14
36410	Electric lamps ⁵	1	(NA)	55
36430	Lampholders, toggle switches, outlets, and other current-carrying wiring devices.....	54	52	1
36440	Noncurrent-carrying wiring devices, including boxes and covers, insulating bushings, nipples, and jacks.....	14	11	1
36510	Loudspeakers, microphones, and tuners, all types.....	14	25	22
36622	Radio and television transmitting, signaling, and detection equipment and apparatus.....	475	257	1
36700	Electronic-type components and accessories; except electron tubes and solid state semiconductors, but including resistors, capacitors, transformers, tube sockets, slide switches, printed circuit boards, antennas, phonograph cartridges, pick-ups, needles, modules, dial assemblies, etc.....	873	1,082	1
38250	Electrical meters and indicating instruments.....	64	54	1
38320	Optical instruments and lenses ⁵	3	(NA)	14
90008	Operating supplies ⁵	(5-10)	(NA)	(X)
93662	Other materials previously requested on the census report form ³	89	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$38 million for nonmaterials in 1972.....	331	576	(X)
INDUSTRY 3674.--SEMICONDUCTORS AND RELATED DEVICES				
Materials, parts, containers, and supplies, total.....				
		704	307	(X)
Data requested in census of manufactures: ²				
	Specified by kind ³	149	63	(X)
	Not specified by kind (census code 976000) ⁴	52	28	(X)
	Data obtained in MA-131 Survey (census code 970099).....	503	216	(X)
Estimates based on the MA-131 Survey:				
26000	Paper and paperboard products, except paper containers and paperboard boxes and containers.....	1	3	1
28000	Foundry chemicals, frit, metal treating compounds, and plating compounds.....	(5-10)	(NA)	(X)
28130	Industrial gases ⁵	6	(NA)	17
28990	Chemical preparations ⁵	10	9	17
30000	Fabricated rubber and plastic products ⁶	2	5	67
32010	Glass and glass products ⁵	(NA)	2	(X)
32640	Porcelain, steatite, and other ceramic electrical products.....	(10-20)	3	(X)
33560	Precious metal mill shapes and forms.....	60	17	3
34500	Bolts, nuts, screws, washers, and screw machine products.....	1	12	1
34601	Metal stampings, including perforated metal products.....	59	19	1
34901	Wire springs and other fabricated nonelectric wire products.....	(under 2)	1	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	1	6	1
35450	Cutting tools for machine tools.....	(under 2)		(X)
36430	Current-carrying wiring devices ⁵	(NA)	1	(X)
36700	Electronic type components and accessories; except electron tubes and solid-state semiconductors, but including resistors, capacitors, transformers, tube sockets, slide switches; printed circuit boards, antennas, phonograph cartridges, pick-ups, needles, modules, dial assemblies, etc.....	(200-500)	56	(X)
93674	Other materials previously requested on the census report form ³	25	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	89	82	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)							Relative standard error ¹ for—				
		1972						1967— industry 3679	Column a	Column b	Column c	Column d	Column e
		Industry 3675	Industry 3676	Industry 3677	Industry 3678	Industry 3679	Industries 3675, 3676, 3677, 3678, and 3679						
		(a)	(b)	(c)	(d)	(e)	(f)	(g)					
	INDUSTRY 3675.--ELECTRONIC CAPACITORS INDUSTRY 3676.--ELECTRONIC RESISTORS INDUSTRY 3677.--ELECTRONIC COILS AND TRANSFORMERS INDUSTRY 3678.--ELECTRONIC CONNECTORS INDUSTRY 3679.--ELECTRONIC COMPONENTS, N.E.C.												
	Materials, parts, containers, and supplies, total...	142	99	139	136	1,311	1,826	1,990	(X)	(X)	(X)	(X)	(X)
	Data requested in census of manufactures: ²												
	Specified by kind ³	60	20	69	54	180	381	208	(X)	(X)	(X)	(X)	(X)
	Not specified by kind (census code 976000) ⁴	6	16	11	18	184	235	367	(X)	(X)	(X)	(X)	(X)
	Data obtained in MA-131 Survey (census code 970099)	76	63	59	64	947	1,210	1,415	(X)	(X)	(X)	(X)	(X)
	Estimates based on the MA-131 Survey:												
25170	Radio, tv, and phonograph cabinets, wood.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	⁸ (5-10)	(X)	(X)	(X)	(X)	(X)
26000	Paper and paperboard products, except paper containers and paperboard boxes and containers.....	2	1	2	(Z)	3	8	12	26	28	57	20	21
28000	Chemicals and allied products ⁵	6	(2-5)	(under 2)	-	2	12	(NA)	22	(X)	(X)	(X)	67
28990	Foundry chemicals, frit, metal treating compounds and plating compounds.....	(5-10)	3	1	7	4	(20-50)	18	(X)	26	64	24	26
30690	Fabricated rubber products, except gaskets.....	(under 2)	(under 2)	(under 2)	(under 2)	2	3	14	(X)	(X)	(X)	(X)	10
30790	Fabricated plastics products, except gaskets.....	8	8	1	4	36	58	61	14	26	55	40	14
32010	Glass and glass products.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	11	(X)	(X)	(X)	(X)	(X)
32640	Porcelain, stealite, and other ceramic electrical products.....	5	4	(under 2)	(under 2)	2	11	23	22	20	(X)	(X)	20
32990	Synthetic quartz ⁵	(2-5)	-	-	-	7	(5-10)	(NA)	(X)	(X)	(X)	(X)	57
33560	Precious metal mill shapes and forms.....	4	(2-5)	(5-10)	(5-10)	(10-20)	31	9	62	(X)	(X)	(X)	(X)
33569	Nonferrous metal mill shapes and forms, except precious metals ⁵	(2-5)	(under 2)	-	-	(2-5)	8	(NA)	(X)	(X)	(X)	(X)	(X)
34500	Bolts, nuts, screws, washers, and screw machine products.	2	4	6	5	11	27	40	50	24	49	20	10
34601	Metal stampings, including perforated metal products..	3	7	6	4	33	53	74	20	17	51	26	17
34901	Wire springs and other fabricated nonelectric wire products.....	(under 2)	(under 2)	(under 2)	(Z)	2	3	10	(X)	(X)	79	22	20
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	1	1	(Z)	5	6	13	29	20	17	51	14	17
35450	Cutting tools for machine tools.....	(under 2)	1	(under 2)	1	3	5	7	(X)	35	(X)	26	20
36430	Current-carrying wiring devices ⁵	-	(under 2)	-	(5-10)	(2-5)	12	7	(X)	(X)	(X)	(X)	(X)
36510	Loudspeakers, microphones, and tuners, all types.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	⁸ (1-5)	(X)	(X)	(X)	(X)	(X)
36700	Electronic type components and accessories; except electron tubes and solid-state semiconductors, but including resistors, capacitors, transformers, tube sockets, slide switches; printed circuit boards, antennas, phonograph cartridges, pick-ups, needles, modules, dial assemblies, etc.....	(under 2)	8	13	16	600	(500- 1,000)	734	(X)	14	40	10	1
90007	Maintenance on machinery ⁵	(under 2)	(2-5)	(under 2)	(under 2)	(5-10)	16	(NA)	(X)	(X)	(X)	(X)	(X)
93670	Other materials previously requested on the census report form ³	8	4	4	-	14	30	(NA)	(X)	(X)	(X)	(X)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	20	12	19	6	198	255	366	(X)	(X)	(X)	(X)	(X)
	Industry and material	Delivered cost (million dollars)							Relative standard error ¹ for column a				
									1972	1967			
									(a)	(b)			
	INDUSTRY 3691.--STORAGE BATTERIES												
	Materials, parts, containers, and supplies, total.....								493	300		(X)	
	Data requested in census of manufactures: ²												
	Specified by kind.....								241	135		(X)	
	Not specified by kind (census code 976000) ⁴								19	14		(X)	
	Data obtained in MA-131 Survey (census code 970099).....								233	151		(X)	

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
INDUSTRY 3691.--STORAGE BATTERIES--Continued				
Estimates based on the MA-131 Survey:				
26500	Paperboard boxes and containers, including folding, corrugated, fiber and setup.....	10	4	10
27510	Commercial printing ⁵	5	(NA)	14
28160	Red lead and other inorganic pigments, except litharge.....	(2-5)	18	(X)
28190	Sulfuric acid and other inorganic chemicals.....	14	2	(X)
28210	Plastics materials and synthetic resins.....	7	3	10
28220	Synthetic rubber.....	(2-5)	3	10
28510	Paints and allied products ⁵	1	(NA)	20
30690	Fabricated rubber products, including battery jars, boxes, and parts, except gaskets.....	49	29	10
30790	Fabricated plastics products, including battery jars, boxes, and parts, except gaskets.....	47	8	10
33500	Nonferrous metal mill shapes and forms, except zinc and zinc-base alloy.....	9	5	33
36910	Storage batteries parts and supplies, except rubber and plastic.....	41	47	10
90001	Metal scrap ⁵	(2-5)	(NA)	(X)
90007	Maintenance on machinery ⁵	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above including \$3 million for nonmaterials for 1972.....	38	32	(X)
INDUSTRY 3694.--ENGINE ELECTRICAL EQUIPMENT				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	804	548	(X)
	Specified by kind ³	279	159	(X)
	Not specified by kind (census code 976000) ⁴	44	32	(X)
	Data obtained in MA-131 Survey (census code 970099).....	481	357	(X)
Estimates based on the MA-131 Survey:				
10610	Ferroalloy ores ⁵	(2-5)	(NA)	(X)
26500	Paperboard boxes and containers, including folding, corrugated, fiber and setup.....	11	14	1
28210	Plastics materials and synthetic resins.....	16	11	1
29920	Lubricating oils and greases ⁵	(2-5)	(NA)	(X)
30690	Fabricated rubber products, except gaskets.....	15	2	1
30790	Fabricated plastics products, except gaskets.....	15	12	1
32640	Porcelain, steatite, and other ceramic electrical products, including parts for spark plugs.....	4	19	1
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	20	20	■
34500	Bolts, nuts, screws, rivets, and screw machine products.....	15	19	14
34620	Iron and steel forgings ⁵	(2-5)	(NA)	(X)
34690	Metal stampings ⁵	(5-10)	(NA)	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	18	25	1
35450	Cutting tools for machine tools.....	3		
35602	Plain bearings and bushings, gears, drives, and other mechanical power transmission equipment.....	14	19	1
36240	Carbon brushes and other carbon and graphite products.....	8	10	1
36430	Current-carrying wiring devices ⁵	(2-5)	(NA)	(X)
36740	Semiconductors and related devices ⁵	(10-20)	(NA)	(X)
36941	Engine electrical equipment including such as spark plugs, magnetos, generators, starters, etc.; excluding items listed below under codes 36947 and 36948.....	16	42	41
36947	Rotors, heads, breaker point sets (arms, supports, screws) and condensers for ignition distributors.....	(10-20)	22	(X)
36948	Armatures, field coils, and other component parts designed for battery charging generators and cranking motors.....	139	24	1
37140	Motor vehicle parts and accessories ⁵	(under 2)	24	(X)
90001	Metal scrap ⁵	(5-10)	(NA)	(X)
90007	Maintenance on machinery ⁵	(10-20)	(NA)	(X)
90008	Operating supplies ⁵	(2-5)	(NA)	(X)
93694	Other materials previously requested on the census report form ³	14	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	99	94	(X)
INDUSTRY 3699.--ELECTRICAL EQUIPMENT AND SUPPLIES, N.E.C.				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	232	129	(X)
	Specified by kind ³	47	33	(X)
	Not specified by kind (census code 976000) ⁴	73	30	(X)
	Data obtained in MA-131 Survey (census code 970099).....	112	66	(X)
Estimates based on the MA-131 Survey:				
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	4	4	37
28210	Plastics and synthetic resin materials, including molding and extrusion.....	5	6	35
30690	Fabricated rubber products, except gaskets.....	-	6	(X)
30790	Fabricated plastics products, except gaskets.....	3		
33310	Primary copper ⁵	(under 2)	(NA)	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	15	16	32
34601	Metal stampings.....	5	8	60
36430	Lampholders, plugs, adapters, connectors, switches, and other current-carrying wiring devices.....	30	10	14
36700	Resistors, capacitors, transformers, and other electronic-type components, except electron tubes and solid state semiconductors.....	3	6	45
36990	Electrical equipment and supplies ⁵	(5-10)	(NA)	(X)
90007	Maintenance on machinery ⁵	(under 2)	(NA)	(X)
90008	Operating supplies ⁵	(2-5)	(NA)	(X)
93699	Other materials previously requested on the census report form ³	16	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above including \$1 million for nonmaterials for 1972.....	16	10	(X)

See footnotes on next page.

Materials Consumed by Kind for Selected Industries in Major Group 36: 1972 and 1967—Continued

(Footnotes for chapter 6)

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
(Z) Less than half of the unit of measurement shown.

¹Estimates having associated relative standard errors exceeding 15 percent are of limited reliability. However, they may be combined into broader aggregates which are of acceptable reliability. See Explanatory Text for methodology. The 1972 standard errors may be used as approximations of the relative errors for the 1967 estimates. This general relationship may not hold for specific materials costs estimates due to the difference in the 2 sample designs.

²See table 7A of the 1972 Census of Manufactures final Industry series (MC72(2)) for quantity and cost data of the individual materials collected in the census of manufactures.

³The detail cost of materials as reported in the census of manufactures is understated by the amount shown in "Other materials previously requested on the census report form."

⁴Represents the total cost of materials for establishments that did not report detail materials data, and includes estimates for companies whose data were estimated based on administrative records. (See section titled "The Census Report Forms" in Introduction for discussion of administrative records.)

⁵This material was not separately listed on the MA-131 Survey report form. The cost estimate represents only the data reported by establishments consuming \$25,000 or more of this material as instructed on the report form.

⁶Represents data requested at a finer level of detail in the MA-131 Survey, but which have been aggregated to avoid disclosing figures for individual companies. This aggregated total excludes any data published at a finer level in either the census or the MA-131 Survey.

⁷Collected in item 17 of the Census Report Form for 1972.

⁸Included with code 99999.

SECTION II, PART 1—Continued

CHAPTER 7. Major Group 37—Transportation Equipment

This major group includes establishments primarily engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, guided missiles, space vehicles, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, etc.

Industries 3761 and 3795, included in the chapter were formerly in Major Group 19, Ordnance and Accessories.

Certain products which are sometimes associated with or considered a part of transportation equipment are classified in

other major groups in the Standard Industrial Classification System. For example, wheeltypes tractors, tracklaying tractors, mining cars, and industrial trucks, tractors, trailers, and stackers are classified in Major Group 35; ignition systems and storage batteries in Major Group 36; and automotive stampings in Major Group 34.

The following industries in this major group are those for which information was obtained in the **1972 Census of Manufactures Supplemental Inquiry; Consumption of Materials, Parts, Containers, and Supplies During 1972**, on Form MA-131. They are included in this report.

SIC Codes and Titles

3711—Motor Vehicles and Car Bodies
3713—Truck and Bus Bodies
3714—Motor Vehicle Parts and Accessories
3715—Truck Trailers
3721—Aircraft
3724—Aircraft Engines and Engine Parts
3728—Aircraft Equipment, N.E.C.

3743—Railroad Equipment
3761—Guided Missiles and Space Vehicles
3764—Space Propulsion Units and Parts
3769—Space Vehicle Equipment, N.E.C.
3792—Travel Trailers and Campers
3795—Tanks and Tank Components
3799—Transportation Equipment, N.E.C.

Materials Consumed by Kind for Selected Industries in Major Group 37: 1972 and 1967

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 3711.--MOTOR VEHICLES AND CAR BODIES			
	Materials, parts, containers, and supplies, total.....	30,792	19,505	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	1,455	574	(X)
	Not specified by kind (census code 976000) ⁴	36	256	(X)
	Data obtained in MA-131 Survey (census code 970099).....	29,301	18,675	(X)
	Estimates based on the MA-131 Survey:			
22701	Automotive carpeting.....	159	(NA)	1
23962	Automotive trimmings; panel, headliners, seat covers, etc.....	1,380	683	1
25310	Automobile seats.....	(5-10)	(NA)	(X)
28510	Paints, varnishes, lacquers, enamels, and shellacs.....	186	149	1
28910	Glues and adhesives.....	(20-50)	(NA)	(X)
28990	Foundry chemicals, metal treating compounds, and plating compounds.....	(10-20)	14	(X)
29000	Refined petroleum products.....	(10-20)	(NA)	(X)
30110	Pneumatic and solid tires and inner tubes.....	(X)	475	(X)
30690	Fabricated rubber products; V-belts, hose, floor mats, weather stripping, etc., except gaskets.....	(500-1,000)	177	(X)
30790	Fabricated plastics products, except gaskets.....	(200-500)	67	(X)
32010	Glass and glass products, including windows and mirrors.....	830	382	1
32910	Abrasives and abrasive products.....	6	(NA)	1
32922	Asbestos friction materials.....	(2-5)	(NA)	(X)
32930	Gaskets.....	(under 2)	(NA)	(X)
34290	Motor vehicle metal hardware; lock units, door and window handles, hinges, etc.....	(1,000-5,000)	685	(X)
34500	Bolts, nuts, screws, rivets, washers, and screw machine products.....	430	203	1
34601	Metal stampings.....	4,754	2,142	1
34930	Steel springs, including leaf, helical, and torsion bar.....	463	93	1
35192	Diesel engines and parts specially designed for diesel engines.....	543	213	1
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	(500-1,000)	146	(X)
35450	Cutting tools for machine tools.....	(20-50)	18	(X)
35850	Automobile air-conditioners.....	143	(NA)	1
35900	Pistons, piston rings, carburetors, and intake and exhaust valves.....	358	(NA)	1
36410	Automotive lamps.....	(50-100)		(X)
36470	Motor vehicle lighting fixtures, including headlight, taillight, and dome fixtures, except automotive lamps.....	266	161	1
36510	Automobile radios, loudspeakers, microphones, and tuners.....	385	153	1
36910	Storage batteries.....	179	66	1
36941	Engine electrical equipment; spark plugs, generators, starting motors, distributors, ignition coils, ignition harness and cable sets, switches, etc.....	1,038	349	1
37110	Automobile bodies.....	(500-1,000)	(NA)	(X)
37130	Truck and bus bodies.....	(20-50)	(NA)	(X)
37141	Axles, brakes, rims, wheels, and other metal motor vehicle parts.....	4,704		1
37143	Gasoline engine parts (except parts listed elsewhere); automotive transmission parts.....	5,243	11,566	1
37149	Motor vehicle parts and accessories, except cloth and leather products and parts and accessories listed elsewhere.....	(2,000-5,000)		(X)
38244	Motor vehicle instruments, except electric, but including speedometers, fuel level, oil pressure, etc.....	224	93	1
90007	Maintenance on machinery.....	(5-10)	(NA)	(X)
93711	Other materials previously requested on the census report form ³	7403	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	688	726	(X)
	INDUSTRY 3713.--TRUCK AND BUS BODIES			
	Materials, parts, containers, and supplies, total.....	884	338	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	178	100	(X)
	Not specified by kind (census code 976000) ⁴	93	52	(X)
	Data obtained in MA-131 Survey (census code 970099).....	613	186	(X)
	Estimates based on the MA-131 Survey:			
22000	Textile products.....	3	(NA)	75
23962	Automotive trimmings.....	(2-5)	(NA)	(X)
24210	Rough and dressed lumber.....	14		35
24300	Veneer and plywood.....	21	3	1
25311	Seats for conveyances, purchased separately.....	10	3	22
28510	Paints, varnishes, lacquers, and enamels.....	17	4	10
30690	Fabricated rubber products (except gaskets, tires, and tubes).....	9	4	10
30790	Fabricated plastics products, except gaskets.....	6	(NA)	1
32010	Glass and glass products, including laminated glass.....	21	13	10
32960	Insulation.....	1	(NA)	17
34290	Metal hardware for transportation equipment; handles, hinges, locks, etc.....	40	11	10
34320	Plumbing fittings and brass goods.....	(5-10)	(NA)	(X)
34330	Heating equipment, except electric.....	(under 2)	(NA)	(X)
34420	Metal doors, sash, and trim.....	2	(NA)	40
34500	Bolts, nuts, screws, rivets, fasteners, and screw machine products.....	13	5	1
34601	Metal stampings, including automotive job stampings.....	13	6	1
34930	Steel springs, including helical, leaf, and torsion bar.....	1	(NA)	1
34940	Valves and pipe fittings.....	3	(NA)	35

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 37: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 3713.--TRUCK AND BUS BODIES--Continued			
	Estimates based on the MA-131 Survey--Continued			
35600	General industrial machinery ⁸	5	(NA)	51
35850	Refrigeration compressors, compressor units, and condensing units; fin coils; and other refrigeration, air-conditioning, and heat-transfer equipment.....	44	(NA)	1
35990	Machinery, except electrical, n.e.c. ⁵	(2-5)	(NA)	(X)
36000	Electric and electronic machinery ⁸	2	NA	1
36210	Motors and generators ⁵	2	(NA)	17
36300	Household appliances ⁵	9	(NA)	1
36470	Vehicular lighting equipment ⁵	2	(NA)	30
37110	Purchased chassis for vehicles, except passenger car chassis.....	188	20	1
37130	Truck and bus bodies ⁵	13	(NA)	39
37140	Motor vehicle parts and accessories, not listed elsewhere ⁸	16	(NA)	1
37141	Axles, brakes, drums, rims, wheels, and other metal motor vehicle parts.....	39	56	10
37144	Trailer axles, wheels, brakes, undercarriages, and other metal vehicular parts ⁵	(2-5)	NA	X
37990	Transportation equipment, n.e.c. ⁸	(2-5)	(NA)	(X)
93713	Other materials previously requested on the census report form ³	21	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	70	61	(X)
	INDUSTRY 3714.--MOTOR VEHICLE PARTS AND ACCESSORIES			
	Materials, parts, containers, and supplies, total.....	8,922	5,728	X
	Data requested in census of manufactures: ²			
	Specified by kind ³	4,876	3,064	(X)
	Not specified by kind (census code 976000) ⁴	251	257	(X)
	Data obtained in MA-131 Survey (census code 970099).....	3,795	2,407	(X)
	Estimates based on the MA-131 Survey:			
22000	Textile products ⁸	12	NA	38
23962	Automotive trimmings; panel, headliners, seat covers, etc.....	2	(NA)	71
24000	Lumber products, n.e.c. ⁸	2	(NA)	63
24480	Wood skids and pallets ⁵	1	(NA)	62
26000	Paper and paperboard products ⁵	10		10
26210	Filterpaper ⁵	12	48	1
26500	Paperboard boxes and containers ⁵	18		32
27500	Commercial printed products ⁵	(under 2)	NA	X
28420	Polishes and sanitation goods ⁵	(under 2)	(NA)	(X)
28510	Paints, varnishes, lacquers, enamels, and shellacs.....	29	18	1
28990	Foundry chemicals, metal treating compounds, and plating compounds.....	43	49	1
29920	Lubricating oils and greases ⁵	24	(NA)	1
30410	Rubber and plastics hose and beltings ⁵	(2-5)	(NA)	(X)
30690	Fabricated rubber products; V-belts, hose, floor mats, weather stripping, etc., except gaskets.....	92	47	1
30790	Fabricated plastics products, except gaskets.....	50	19	1
32010	Glass and glass products; including windows and mirrors.....	17	12	17
32910	Abrasives and abrasive products.....	37	18	10
32922	Asbestos friction materials.....	59	59	1
32930	Gaskets ⁵	21	(NA)	1
33200	Iron and steel foundry products ⁵	(2-5)	NA	(X)
33300	Primary nonferrous metal products ⁸	11	(NA)	1
33500	Nonferrous wire and other shapes and forms, n.e.c. ⁸	4	(NA)	9
33569	Nonferrous metal mill shapes ⁵	15	(NA)	10
33600	Nonferrous metal castings ⁸	7	(NA)	9
34000	Fabricated metal products, n.e.c. ⁸	2	(NA)	24
34290	Motor vehicle metal hardware; lock units, door and window handles, hinges, etc.....	15	26	10
34500	Bolts, nuts, screws, rivets, washers, and screw machine products.....	275	107	1
34601	Metal stampings.....	286	(NA)	1
34620	Iron and steel forgings ⁵	5	(NA)	1
34710	Electroplated materials ⁵	1	(NA)	20
34901	Mechanical wire springs, including seat and back springs.....	31	29	1
34930	Steel springs, including leaf, helical, and torsion bar.....	10	(NA)	1
34940	Metal valves and fittings ⁵	8	(NA)	39
35192	Diesel engines and parts specially designed for diesel engines.....	3	(NA)	1
35410	Machinery tools, metal-cutting types ⁵	(under 2)	(NA)	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	166	116	1
35450	Cutting tools for machine tools.....	93	66	1
35660	Speed changers, drives, and gears ⁵	1	(NA)	57
35680	Power transmission equipment, n.e.c. ⁵	1	(NA)	53
35900	Pistons, piston rings, carburetors, and intake and exhaust valves.....	214	98	1
36000	Electric and electronic machinery, n.e.c. ⁸	17	NA	6
36470	Motor vehicle lighting fixtures, including headlight, taillight, and dome fixtures, except automotive lamps.....	1	NA	66
36941	Engine electrical equipment; spark plugs, generators, starting motors, distributors ignition coils, ignition harness and cable sets, switches, etc.....	111	76	1
37141	Axles, brakes, rims, wheels, and other metal motor vehicle parts.....	493	178	1
37143	Gasoline engine parts (except parts listed elsewhere); automotive transmission parts.....	662	477	1
37149	Motor vehicle parts and accessories; except cloth and leather products and parts and accessories listed elsewhere.....	128	7	1

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 37: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3714.--MOTOR VEHICLE PARTS AND ACCESSORIES--Continued			
	Estimates based on the MA-131 Survey--Continued			
38244	Motor vehicle instruments (except electric), including speedometers, fuel level, oil pressure, etc.....	(10-20)	(NA)	(X)
38730	Clocks, watches and watchcases ⁵	(under 2)	(NA)	(X)
90001	Metal scrap ⁵	4	(NA)	(X)
90003	Office supplies ⁵	2	(NA)	(X)
90005	Packing supplies ⁵	29	(NA)	(X)
90006	Shipping supplies ⁵	10	(NA)	(X)
90007	Maintenance on machinery ⁵	98	(NA)	(X)
90008	Operating supplies ⁵	15	(NA)	(X)
93714	Other materials previously requested on the census report form ³	110	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	505	664	(X)
	INDUSTRY 3715.--TRUCK TRAILERS ²			
	Materials, parts, containers, and supplies, total.....	641	428	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	248	131	(X)
	Not specified by kind (census code 976000) ⁴	28	23	(X)
	Data obtained in MA-131 Survey (census code 970099).....	365	274	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber.....	26	14	1
24300	Veneer and plywood.....	8	6	1
28510	Paints, varnishes, lacquers, and enamels.....	7	6	1
30110	Pneumatic and solid tires and inner tubes ⁶	(X)	44	(X)
30690	Fabricated rubber products, except gaskets, tires, and tubes.....	2	13	1
30790	Miscellaneous plastics products ⁵	(under 2)	13	(X)
34290	Metal hardware for transportation equipment; handles, hinges, locks, etc.....	12	(NA)	1
34500	Bolts, nuts, screws, rivets, fasteners, and screw machine products.....	16	9	1
34601	Metal stampings, including automotive job stampings.....	11	14	1
34930	Steel springs, including helical, leaf, and torsion bar.....	10	7	1
34940	Metal valves and fittings ⁵	10	(NA)	41
35370	Industrial trucks and tractors parts and attachments ⁵	7	(NA)	20
35600	General industrial machinery and equipment ⁸	3	(NA)	62
35850	Refrigeration compressors, compressor units, and condensing units; fin coils; and other refrigeration, air-conditioning, and heat-transfer equipment.....	8	8	1
36470	Motor vehicle lighting fixtures ⁵	1	(NA)	41
37141	Axles, brakes, drums, rims, wheels, and other metal motor vehicle parts.....	125	87	1
93715	Other materials previously requested on the census report form ³	37	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	79	66	1
	INDUSTRY 3721.--AIRCRAFT			
	Materials, parts, containers, and supplies, total.....	3,686	5,185	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	245	328	(X)
	Not specified by kind (census code 976000) ⁴	43	66	(X)
	Data obtained in MA-131 Survey (census code 970099).....	3,398	4,791	(X)
	Estimates based on the MA-131 Survey:			
25312	Aircraft seats.....	6	47	1
27000	Printing and publishing materials ⁵	(5-10)	(NA)	(X)
28210	Plastics and synthetic resin materials, including molding and extrusion.....	17	(NA)	1
28510	Paints, lacquers, varnishes, enamels, and shellacs.....	27	15	1
28910	Inorganic chemicals, n.e.c. ⁵	(under 2)	(NA)	(X)
29000	Refined petroleum products; gasoline, jet fuel, lubricating oils and greases, etc.....	6	12	1
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	6	42	1
30790	Fabricated plastics products, except gaskets.....	7	12	1
32930	Gaskets, all types.....	2	(NA)	1
33560	Nonferrous metal mill shapes and forms, except copper, titanium, and aluminum.....	2	(NA)	26
33690	Nonferrous metal castings, except copper and aluminum.....	6	(NA)	1
34230	Hand and edge tools ⁵	(under 2)	(NA)	(X)
34290	Aircraft metal hardware, except electrical, handles, locks, hinges, etc.....	47	138	1
34500	Bolts, nuts, screws, rivets, and screw machine products.....	65	93	1
34601	Metal stampings.....	(5-10)	(NA)	(X)
34890	Ordnance and accessories, n.e.c. ⁵	(under 2)	(NA)	(X)
34902	Fabricated metal pipe, valves, and pipe fittings.....	12	46	1
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	20	30	1
35450	Cutting tools for machine tools.....	17	31	1
35900	Pistons, piston rings, carburetors, and engine intake and exhaust valves.....	1	(NA)	1
36621	Radio and electronic communication equipment and navigation aids; airborne transmitters and receivers, radar, electronic-type fire control equipment, etc.....	621	529	1
36700	Electronic-type components, including resistors, capacitors, transformers, etc.; except electron tubes and solid state semiconductors.....	184	81	1
36941	Engine electrical equipment, including spark plugs, magnetos, generators, starters, etc.....	35	(NA)	1
37240	Aircraft engines.....	397	539	1
37244	Aircraft engines parts, except pistons, piston rings, carburetors, and valves.....	28		1
37281	Aircraft parts, including subassemblies, fuels systems, landing gear, and machined parts subcontracted to specifications.....	1,199	2,470	1

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 37: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
INDUSTRY 3721.--AIRCRAFT--Continued				
Estimates based on the MA-131 Survey--Continued				
37285	Aircraft propellers, blades, and parts.....	39	18	1
37692	Space vehicles and for guided missiles parts, including subassemblies, fuel systems, and machined parts subcontracted to specifications.....	10	(NA)	1
38111	Aircraft flight instruments, including altimeters, automatic pilots and gyroscopes.....	52	318	
38291	Aircraft engine instruments, except flight instruments including thrust power indicators, tachometers, etc.	23	19	
38322	Sighting, tracking, and fire control equipment, optical type.....	53	12	1
38610	Raw film, shutters, rouge finders, light meters, and other photographic equipment ⁵	(under 2)	(NA)	(X)
90003	Office supplies ⁵	(2-5)	(NA)	(X)
90007	Maintenance on machinery ⁵	(2-5)	(NA)	(X)
90008	Operating supplies ⁵	59	(NA)	(X)
93721	Other materials previously requested on the census materials inquiry ³	3	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	426	305	(X)

Industry and material	Delivered cost (million dollars)				Relative standard error ¹ for--	
	1972			1967-- industry 3722	Column a	Column b
	Industry 3724	Industry 3764	Industries 3724 and 3764			
	(a)	(b)	(c)	(d)		
INDUSTRY 3724.--AIRCRAFT ENGINES AND ENGINE PARTS INDUSTRY 3764.--SPACE PROPULSION UNITS AND PARTS						
Materials, parts, containers, and supplies, total.....						
	1,451	204	1,655	1,953	(X)	(X)
Data requested in census of manufactures: ²						
Specified by kind.....						
	343	30	373	375	(X)	(X)
Not specified by kind (census code 976000) ⁴						
	26	1	27	48	(X)	(X)
Data obtained in MA-131 Survey (census code 970099).....						
	1,082	173	1,255	1,530	(X)	(X)
Estimates based on the MA-131 Survey:						
28190	Inorganic chemicals ⁵	-	(2-5)	(2-5)	(NA)	(X)
28210	Plastics and synthetic resin materials, including molding and extrusion.....	(NA)	7	7	(NA)	(X)
28510	Paints, lacquers, varnishes, enamels, and shellacs.....	(under 2)	(under 2)	1	(NA)	(X)
29000	Refined petroleum products, gasoline, jet fuel, lubricating oils and greases, etc.....	9	1	10	22	1
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	(Z)	4	4	(NA)	(X)
30790	Fabricated plastics products, except gaskets.....	(Z)	(Z)	(Z)	(NA)	(X)
32930	Gaskets, all types.....	3	(under 2)	(2-5)	14	17
33200	Iron castings, gray and malleable, rough and semifinished ⁵	(NA)	(NA)	(NA)	7	(X)
33560	Nonferrous metal mill shapes and forms, except copper, titanium, and aluminum.....	(10-20)	(under 2)	(10-20)	112	(X)
33690	Nonferrous metal castings, except copper and aluminum.....	(100-200)	(NA)	(100-200)		(X)
34290	Aircraft metal hardware, except electrical, handles, locks, hinges, etc.....	(5-10)	(NA)	(5-10)	(NA)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	15	2	17	49	1
34601	Metal stampings.....	2	-	2	21	35
34620	Iron and steel forgings ⁵	(2-5)	-	(2-5)	(NA)	(X)
34630	Nonferrous forgings ⁵	(2-5)	-	(2-5)	(NA)	(X)
34902	Fabricated metal pipe, valves, and pipe fittings.....	(5-10)	(under 2)	7	(NA)	(X)
35110	Steam engines and turbines parts and accessories ⁵	(10-20)	-	(10-20)	(NA)	(X)
35400	Metalworking machinery and equipment ⁵	(2-5)	-	(2-5)	(NA)	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools...	34	8	42	82	1
35450	Cutting tools for machine tools.....	17	1	18	33	1
35900	Pistons, piston rings, carburetors, and engine intake and exhaust valves.....	10	-	10	19	1
36621	Radio and electronic communication equipment and navigation aids, airborne transmitters and receivers, radar, electronic-type fire control equipment, etc.....	-	(10-20)	(10-20)	(NA)	(X)
36700	Electronic-type components, including resistors, capacitors, transformers, etc., except electron tubes and solid state semiconductors.....	2	9	11	(NA)	10
36941	Engine electrical equipment, including spark plugs, magnetos, generators, starters, etc....	27	(under 2)	(20-50)	16	1
37240	Aircraft engines.....	(5-10)	-	(5-10)	(NA)	(X)
37243	Services on aircraft engines ⁵	(20-50)	-	(20-50)	(NA)	(X)
37244	Aircraft engines, except pistons, piston rings, carburetors, and valves.....	534	-	534	10 952	1
37281	Aircraft parts including subassemblies, fuel systems, landing gear, and machined parts subcontracted to specifications.....	(50-100)	(under 2)	50-100	(NA)	(X)
37285	Aircraft propellers, blades, and parts.....	(5-10)	-	(5-10)	(NA)	(X)
37648	Guided missile engines parts, space propulsion units.....	-	46	16	10	(X)
37692	Space vehicles and for guided missiles parts, including subassemblies, fuel systems, and machined parts subcontracted to specifications.....	(under 2)	40	(20-50)	(NA)	(X)
38111	Aircraft flight instruments, including altimeters, automatic pilots and gyroscopes.....	-	(2-5)	(2-5)	(NA)	(X)
38290	Measuring and controlling devices ⁵	(20-50)	-	(20-50)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	88	29	117	173	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 37: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)				Relative standard error ¹ for—	
		1972			1967— industries 3728 and 3729	Column a	Column b
		Industry 3728	Industry 3769	Industries 3728 and 3769			
		(a)	(b)	(c)	(d)		
	INDUSTRY 3728.--AIRCRAFT EQUIPMENT, N.E.C. INDUSTRY 3769.--SPACE VEHICLE EQUIPMENT, N.E.C.						
	Materials, parts, containers, and supplies, total.....	869	242	1,111	1,425	(X)	(X)
	Data requested in census of manufactures: ²						
	Specified by kind ³	284	13	297	350	(X)	(X)
	Not specified by kind (census code 976000) ⁴	45	5	50	106	(X)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	540	224	764	965	(X)	(X)
	Estimates based on the MA-131 Survey:						
25312	Aircraft seats.....	(5-10)	-	(5-10)	(NA)	(X)	(X)
26000	Paper and paperboard products ⁵	(under 2)	(under 2)	(under 2)	6	(X)	(X)
28210	Plastics and synthetic resin materials, including molding and extrusion.....	7	(10-20)	(10-20)	20	17	(X)
28510	Paints, lacquers varnishes, enamels, and shellacs.....	5	(under 2)	(5-10)	(NA)	1	(X)
28690	Synthetic organic chemicals ⁵	(5-10)	-	(5-10)	(NA)	(X)	(X)
29000	Refined petroleum products, gasoline, jet fuel, lubricating oils and greases, etc.....	9	(under 2)	(5-10)	(NA)	1	(X)
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	5	(under 2)	(5-10)	12	1	(X)
30790	Fabricated plastics products, except gaskets.....	7	2	9	6	10	1
32920	Asbestos products ⁵	(5-10)	-	(5-10)	(NA)	(X)	(X)
32930	Gaskets, all types.....	2	(Z)	2	(NA)	44	(X)
33560	Nonferrous metal mill shapes and forms, except copper, titanium, and aluminum.....	(5-10)	(under 2)	(5-10)	15	(X)	(X)
33690	Nonferrous metal castings, except copper and aluminum.....	(10-20)	(under 2)	(10-20)	11	(X)	(X)
34290	Aircraft metal hardware, except electrical, handles, locks, hinges, etc.....	11	(under 2)	(10-20)	(NA)	1	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	38	2	40	81	1	1
34601	Metal stampings.....	7	-	7	17	17	(X)
34902	Fabricated metal pipe, valves, and pipe fittings.....	3	(under 2)	(2-5)	9	20	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools...	25	(5-10)	(20-50)	53	1	(X)
35450	Cutting tools for machine tools.....	12	(under 2)	(10-20)	14	14	(X)
35900	Pistons, piston rings, carburetors, and engine intake and exhaust valves.....	(Z)	-	(Z)	(NA)	(X)	(X)
36621	Radio and electronic communication equipment and navigation aids, airborne transmitters and receivers, radar, electronic-type fire control equipment, etc.....	(10-20)	(20-50)	(50-100)	21	(X)	(X)
36700	Electronic-type components, including resistors, capacitors, transformers, etc., except electron tubes and solid state semiconductors.....	38	23	61	46	1	14
36941	Engine electrical equipment (including spark plugs, magnetos, generators, starters, etc.)...	(2-5)	(under 2)	(2-5)	(NA)	(X)	(X)
37240	Aircraft engines.....	(2-5)	-	(2-5)	(NA)	(X)	(X)
37244	Aircraft engines, except pistons, piston rings, carburetors, and valves.....	31	-	31	(NA)	28	(X)
37281	Aircraft parts, including subassemblies, fuel systems, landing gear, and machined parts subcontracted to specifications.....	178	(2-5)	(100-200)	11380	1	(X)
37285	Aircraft propellers, blades, and parts.....	(10-20)	-	(10-20)		(X)	(X)
37648	Guided missile engines parts, space propulsion units.....	(5-10)	(under 2)	8	(NA)	(X)	(X)
37692	Space vehicles and for guided missiles parts, including subassemblies, fuel systems, and machined parts subcontracted to specifications.....	18	116	134	(¹¹)	1	1
93728	Other materials previously requested on the census report form ³	3	1	4	(NA)	(X)	(X)
93769							
99999	All other materials, parts, components, containers, and supplies not reported above.....	65	15	80	239	(X)	(X)
	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a			
		1972	1967				
		(a)	(b)				
	INDUSTRY 3743.--RAILROAD EQUIPMENT						
	Materials, parts, containers, and supplies, total.....		1,264	1,243		(X)	
	Data requested in census of manufactures: ²						
	Specified by kind ³		683	508		(X)	
	Not specified by kind (census code 976000) ⁴		15	22		(X)	
	Data obtained in MA-131 Survey (census code 970099).....		566	713		(X)	
	Estimates based on the MA-131 Survey:						
24210	Rough and dressed lumber.....		5	10		42	
24300	Veneer and plywood.....		1	4		1	
28510	Paints, varnishes, lacquers, and enamels.....		15	11		10	

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 37: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972	1967	
		(a)	(b)	
INDUSTRY 3743.--RAILROAD EQUIPMENT--Continued				
Estimates based on the MA-131 Survey--Continued				
30790	Miscellaneous plastics products ⁵	(under 2)	(NA)	(X)
32930	Gaskets and asbestos packing ⁵	(under 2)	(NA)	(X)
33560	Nonferrous metal mill shapes and forms ⁵	(under 2)	(NA)	(X)
34500	Fasteners, bolts, nuts, screws, rivets, and screw machine products.....	15	10	10
34930	Steel springs, including helical and leaf.....	11	11	1
35199	Diesel engine parts.....	(20-50)	45	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	5	20	10
35450	Cutting tools for machine tools.....	■	7	1
35601	Pumps, air and gas compressors (except refrigeration compressors ¹) and pumping equipment.....	(5-10)	10	(X)
35602	Plain bearings and bushings, speed reducers, gears, and other mechanical power transmission equipment...	25	■	2
36130	Railway electrical control equipment, parts and supplies.....	(20-50)	34	(X)
37431	Locomotives parts, including air brakes, lubrication systems.....	44	112	1
37433	Railroad car and street car parts, other than those listed above.....	183	137	1
93743	Other materials previously requested on the census report form ³	6	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	155	242	(X)
INDUSTRY 3761.--GUIDED MISSILES AND SPACE VEHICLES				
Materials, parts, containers, and supplies, total.....		923	970	(X)
Data requested in census of manufactures: ²				
Specified by kind.....		55	41	(X)
Not specified by kind (census code 976000) ⁴		7	140	(X)
Data obtained in MA-131 Survey (census code 970099).....		861	789	(X)
Estimates based on the MA-131 Survey:				
28210	Plastic and synthetic resin materials.....	(2-5)	5	(X)
28510	Paints, lacquers, varnish, enamels, and shellacs.....	4	(NA)	1
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	(2-5)	2	(X)
30790	Fabricated plastics products, except gaskets.....	(2-5)	4	(X)
32930	Gaskets, all types.....	(2-5)	(NA)	(X)
33560	Nonferrous metal mill shapes and forms, except copper, titanium, and aluminum.....	2	6	1
33690	Nonferrous metal castings, except copper and aluminum.....	8	10	1
34290	Aircraft metal hardware, except electrical, handles, looks, hinges, etc.....	(5-10)	(NA)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	20	11	1
34601	Metal stampings.....	5	4	14
34902	Fabricated metal pipe, valves, and pipe fittings.....	(under 2)	3	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	7	11	1
35450	Cutting tools for machine tools.....	(under 2)	6	(X)
35601	Pumps and compressors ⁵	(NA)	12	(X)
36621	Radio and electronic communication equipment and navigation aids, airborne transmitters and receivers, radar, electronic-type fire control equipment, etc.....	125	41	1
36700	Electronic-type components, including resistors, capacitors, transformers, etc., except electron tubes and solid state semiconductors.....	93	116	1
37141	Axles, brakes, rims, wheels, and other metal motor vehicle parts ⁵	(10-20)	(NA)	(X)
37240	Aircraft engines.....	(under 2)	(NA)	(X)
37281	Aircraft parts including subassemblies, fuel systems, landing gear, and machined parts subcontracted to specifications.....	47	12372	1
37648	Guided missile engines parts, space propulsion units.....	(20-50)	(NA)	(X)
37692	Parts for space vehicles and guided missiles, including subassemblies, fuel systems, and machined parts subcontracted to specifications.....	340	(12)	1
38111	Aircraft flight instruments, including altimeters, automatic pilots and gyroscopes.....	28	30	1
38250	Electric indicating instruments ⁵	(under 2)	(NA)	(X)
38291	Aircraft engines instruments, except flight instruments, including thrust power indicators, tachometers, etc.	(2-5)		
99999	All other materials, parts, components, containers, and supplies not reported above.....	112	156	(X)
INDUSTRY 3792.--TRAVEL TRAILERS AND CAMPERS ¹³				
Materials, parts, containers, and supplies, total.....		859	(NA)	(X)
Data requested in census of manufactures: ²				
Specified by kind ³		133	(NA)	(X)
Not specified by kind (census code 976000) ⁴		266	(NA)	(X)
Data obtained in MA-131 Survey (census code 970099).....		460	(NA)	(X)
Estimates based on the MA-131 Survey:				
22702	Carpeting made from textiles for trailer coaches.....	■	(NA)	10
23910	Curtains and draperies ⁵	8	(NA)	10
23920	Canvas products ⁵	(under 2)	(NA)	(X)
24000	Lumber products, n.e.c. ⁸	(2-5)	(NA)	(X)
24310	Millwork, doors, window sash, mouldings, and cabinets.....	21	(NA)	1
24360	Softwood veneer and plywood ⁵	(10-20)	(NA)	(X)
24991	Hard pressed fiberboard, purchased hardboard.....	7	(NA)	1
25100	Household-type furniture, including tables, sofas, beds, mattresses, and bedsprings.....	22	(NA)	1
26610	Building paper and board, including trailer board.....	7	(NA)	14
28510	Paints, varnishes, lacquers, and enamels.....	2	(NA)	1
30110	Pneumatic tires and inner tubes ⁵	4	(NA)	10

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 37: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972	1967	
		(a)	(b)	
INDUSTRY 3792.--TRAVEL TRAILERS AND CAMPERS--Continued				
Estimates based on the MA-131 Survey--Continued:				
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	2	(NA)	10
30790	Miscellaneous plastics products ⁵	17	(NA)	10
32960	Insulation material, including mineral wool and glass fiber insulation.....	4	(NA)	1
34290	Trailer and builders' metal hardware, including locks, handles, hinges, etc.....	6	(NA)	1
34320	Metal plumbing fixtures, fittings, and trim, including enameled.....	25	(NA)	1
34330	Heating equipment, except electric.....	17	(NA)	1
34420	Metal doors, sash, frames, and trim, including screened units.....	24	(NA)	10
34422	Metal window sash and frames, except storm sash ⁵	8	(NA)	1
34430	Fabricated boiler shop products ⁵	1	(NA)	22
34440	Fabricated sheet metal roofing and siding, all metals.....	26	(NA)	1
34500	Bolts, nuts, screws, rivets, and screw machine products.....	5	(NA)	1
35850	Refrigeration compressor units, condensing units, fin coils, etc. ⁵	(2-5)	(NA)	(X)
36300	Heating equipment, electric; refrigerators; cooking equipment, electric and nonelectric; and other household appliances, except air-conditioners.....	60	(NA)	1
36401	Lighting fixtures, switches, connectors, outlets, lampholders, and other current-carrying wiring devices	19	(NA)	1
36510	Loudspeakers, microphones, tuners (all types) and automobile radios ⁵	(under 2)	(NA)	(X)
37110	Purchased chassis for vehicles ⁵	(2-5)	(NA)	(X)
37144	Trailer axles, wheels, brakes, undercarriages and other metal vehicular parts.....	77	(NA)	1
39960	Linoleum and other hard-surfaced floor coverings.....	10	(NA)	1
93792	Other materials previously requested on the census report forms ³	4	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	48	(NA)	(X)
INDUSTRY 3795.--TANKS AND TANK COMPONENTS				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	131	229	(X)
	Specified by kind ³	43	57	(X)
	Not specified by kind (census code 976000) ⁴	2	56	(X)
	Data obtained in MA-131 Survey (census code 970099).....	86	116	(X)
Estimates based on the MA-131 Survey:				
30690	Fabricated rubber products, including tank treads and blocks but excluding gaskets.....	(2-5)	8	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	(under 2)	(1-5)	(X)
33600	Nonferrous metal castings, rough and semifinished, except aluminum.....	(2-5)		
34500	Bolts, nuts, screws, rivets, and screw machine products.....	(under 2)	2	(X)
34601	Metal stampings.....	(under 2)	(NA)	(X)
35190	Internal combustion engines ⁵	(2-5)	(NA)	(X)
35440	Special dies and tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	(under 2)	8	(X)
35450	Cutting tools for machine tools.....	(under 2)	1	(X)
35680	Mechanical power transmission equipment, n.e.c. ⁵	(5-10)	(NA)	(X)
37950	Tank parts and accessories, ordnance.....	53	62	1
90001	Metal scrap ⁵	(2-5)	(NA)	(X)
93795	Other materials previously requested on the census report forms ³	(under 2)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	8	8	(X)
INDUSTRY 3799.--TRANSPORTATION EQUIPMENT, N.E.C. ¹³				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	408	(NA)	(X)
	Specified by kind ³	135	(NA)	(X)
	Not specified by kind (census code 976000) ⁴	61	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	212	(NA)	(X)
Estimates based on the MA-131 Survey:				
23900	Household furnishings ⁵	(2-5)	(NA)	(X)
24000	Lumber products ⁸	6	(NA)	49
25000	Furniture and fixtures ⁸	2	(NA)	53
26610	Building paper and board, including trailer board.....	(under 2)	(NA)	(X)
28510	Paints, varnishes, lacquers, and enamels.....	4	(NA)	14
30110	Pneumatic tires and inner tubes ⁵	21	(NA)	22
30690	Fabricated rubber products, except tires, tubes, and gaskets.....	1	(NA)	22
30790	Miscellaneous plastics products ⁵	2	(NA)	57
32960	Insulation material, including mineral wool and glass fiber insulation.....	(Z)	(NA)	(X)
33690	Nonferrous castings ⁵	(under 2)	(NA)	(X)
34290	Trailer and builders' metal hardware, including locks, handles, hinges, etc.....	(Z)	(NA)	(X)
34320	Metal plumbing fixtures, fittings, and trim, including enameled.....	(under 2)	(NA)	(X)
34330	Heating equipment, except electric.....	2	(NA)	46
34420	Metal doors, sash, frames, and trim, including screened units.....	2	(NA)	58
34440	Fabricated sheet metal roofing and siding, all metals.....	12	(NA)	66

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 37: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
	INDUSTRY 3799.--TRANSPORTATION EQUIPMENT, N.E.C.--Continued			
	Estimates based on the MA-131 Survey--Continued:			
34500	Bolts, nuts, screws, rivets, and screw machine products.....	4	(NA)	10
34601	Metal stampings ⁵	(2-5)	(NA)	(X)
35190	Internal combustion engines ⁵	(20-50)	(NA)	(X)
36300	Heating equipment, electric; refrigerators; cooking equipment, electric and nonelectric; and other household appliances, except air-conditioners.....	4	(NA)	45
36401	Lighting fixtures, switches, connectors, outlets, lampholders, and other current-carrying wiring devices	3	(NA)	20
36700	Electronic components and accessories ⁵	2	(NA)	10
37144	Trailer axles, wheels, brakes, undercarriages and other metal vehicular parts.....	53	(NA)	10
39960	Hard surface floor coverings ⁵	(Z)	(NA)	(X)
90005	Packing supplies ⁵	(under 2)	(NA)	(X)
93799	Other materials previously requested on the census report forms ³	5	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	56	(NA)	(X)

- Represents zero. (X) Not applicable. (NA) Not available. (Z) Less than half the unit of measurement shown.

¹Estimates having associated relative standard errors exceeding 15 percent are of limited reliability. However, they may be combined into broader aggregates which are of acceptable reliability. See Explanatory Text for methodology. The 1972 standard errors may be used as approximations of the relative errors for the 1967 estimates. This general relationship may not hold for specific materials costs estimates due to the difference in the 2 sample designs.

²See table 7A of the 1972 Census of Manufactures final Industry series (MC72(2)) for quantity and cost data of the individual materials collected in the census of manufactures.

³The detail cost of materials as reported in the census of manufactures is understated by the amount shown in "Other materials previously requested" on the census report form."

⁴Represents the total cost of materials for establishments that did not report detail materials data, includes estimates for companies whose data were estimated based on administrative records. (See section titled "The Census Report Forms" in Introduction for discussion of administrative records.)

⁵Not separately listed on the MA-131 Survey report form. The cost estimate represents only the data reported by establishments consuming \$25,000 or more of this material as instructed on the report form.

⁶Collected in item 17 of the Census Report Form for 1972.

⁷Includes over \$400 million of tires which should have been reported in the census materials inquiry.

⁸Represents data requested at a finer level of detail in the MA-131 Survey, but which have been aggregated to avoid disclosing figures for individual companies. This aggregated total excludes any data published at a finer level in either the census or the MA-131 Survey.

⁹Combines codes 37141 and 37149.

¹⁰Combines codes 37244 and 37648.

¹¹Combines codes 37281, 37285, and 37692.

¹²Combines codes 37281 and 37692.

¹³Comparable data are not available due to the 1972 revision.

SECTION II, PART 1—Continued

CHAPTER 8. Major Group 38—Instruments and Related Products

This major group includes establishments engaged in manufacturing instruments for measuring, testing, analyzing, and controlling and their associated sensors and accessories; optical instruments and lenses; surveying and drafting instruments; surgical, medical, and dental instruments, equipment and supplies; ophthalmic goods; photographic equipment and

supplies; and watches and clocks.

The following industries in this major group are those for which information was obtained in the **1972 Census of Manufactures Supplemental Inquiry; Consumption of Materials, Parts, Containers, and Supplies During 1972**, on Form MA-131. They are included in this report.

SIC Codes and Titles

3811—Engineering and Scientific Instruments
3822—Environmental Controls
3823—Process Control Instruments
3824—Fluid Meters and Counting Devices
3825—Instruments to Measure Electricity
3829—Measuring and Controlling Devices, N.E.C.

3832—Optical Instruments and Lenses
3842—Surgical Appliances and Supplies
3851—Ophthalmic Goods
3861—Photographic Equipment and Supplies
3873—Watches, Clocks, and Watchcases

Materials Consumed by Kind for Selected Industries in Major Group 38: 1972 and 1967

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972	1967	
		(a)	(b)	
INDUSTRY 3811.--ENGINEERING AND SCIENTIFIC INSTRUMENTS				
	Materials, parts, containers, and supplies, total.....	308	341	(X)
	Data requested in census of manufactures: ²			
	Specified by kind.....	40	39	(X)
	Not specified by kind (census code 976000) ³	53	82	(X)
	Data obtained in MA-131 Survey (census code 970099).....	215	220	(X)
Estimates based on the MA-131 Survey:				
24000	Lumber products ⁴	8	NA	6
28210	Plastics and synthetic resin materials ⁵	(under 2)	NA	(X)
28510	Paints, lacquers, varnishes, shellacs, and enamels ⁵	(under 2)	(NA)	(X)
32000	Stone clay and glass products ⁴	(2-5)	(NA)	(X)
33200	Iron and steel castings ⁵	(2-5)		
33500	Nonferrous metal mill shapes and forms ⁵	(under 2)	(NA)	59
33600	Nonferrous metal castings, rough and semifinished ⁵	(under 2)		
34000	Fabricated metal products, n.e.c. ⁴	4	(NA)	9
34440	Sheet metal products, except stampings.....	12	(NA)	14
34500	Bolts, nuts, screws, rivets, and screw machine products.....	9	5	20
34601	Metal stampings.....	5	9	24
35000	Machinery, except electrical, except dies, tools, fixtures, etc. ⁴	5	(NA)	31
35401	Dies, jigs, fixtures, punches, and cutting tools for machine tools.....	7	6	35
36010	Panelboards, circuit breakers, fuses, and other electrical distribution and control equipment.....	8	9	22
36430	Wire connectors, lampholders, toggle switches, and other current-carrying wiring devices.....	8	11	17
36700	Resistors, capacitors, transformers, transducers, and other electronic-type components, except electron tubes and solid state semiconductors.....	32	43	20
36740	Semiconductors ⁵	6	(NA)	51
38110	Engineering and scientific instruments ⁵	(2-5)	(NA)	(X)
38112	Scientific instruments, purchased for further assembly.....	16	(NA)	24
38250	Electrical instrument mechanisms and meter movements, including instrument relays and instrument contact-making mechanisms.....	11	8	28
38731	Clocks, timers, timing mechanisms, and clock movements ⁵	3	7	10
90005	Packing supplies ⁵	2	(NA)	52
99999	All other materials, parts, components, containers, and supplies not reported above.....	65	122	(X)
INDUSTRY 3822.--ENVIRONMENTAL CONTROLS				
	Materials, parts, containers, and supplies, total.....	204	174	(X)
	Data requested in census of manufactures: ²			
	Specified by kind.....	59	49	(X)
	Not specified by kind (census code 976000) ³	12	24	(X)
	Data obtained in MA-131 Survey (census code 970099).....	133	101	(X)
Estimates based on the MA-131 Survey:				
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	5	3	1
27002	Charts, chart paper, and other printed material.....	1	(NA)	10
28210	Plastics and synthetic resin materials, including molding and extrusion.....	8	2	10
30690	Fabricated rubber products, except gaskets.....	3	1	10
30790	Fabricated plastics products, except gaskets.....	5	3	10
32010	Glass and glass products, including covers.....	(under 2)	(NA)	(X)
33200	Gray iron and malleable iron castings, rough and semifinished.....	2	(NA)	10
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	1	3	10
34500	Bolts, nuts, screws, rivets, and screw machine products.....	15	7	30
34601	Metal stampings, including perforated metal.....	7	5	10
34901	Fabricated wire products, including wire springs.....	11	4	9
34994	Magnets.....	1	(NA)	10
35440	Special dies, tools, die set, jigs, and fixtures, except cutting tools for machine tools.....	4	3	10
35450	Cutting tools for machine tools.....	(under 2)	4	(X)
36010	Electric distribution and control equipment, including fuses, coil windings, relays, transformers, switchgear, regulators, motor-generator sets, motor controls, etc.....	5	(NA)	10
36430	Switches, wire connectors, metal contacts, lampholders and other current-carrying wiring devices.....	14	13	17
36700	Resistors, capacitors, transformers, amplifiers, transducers, choppers, and other electronic-type components, except electron tubes and solid state semiconductors.....	7	(NA)	26
38243	Counting mechanisms for integrators, totalizers, and other instruments.....	1	(NA)	10
38250	Electrical instrument mechanisms and meter movements, including instrument relays and contact-making mechanisms.....	2	5	10
38259	Electrical measuring instruments, parts, not listed elsewhere.....	11	NA	35
38299	Mechanical measuring instruments, subassemblies, including bellows, diaphragms, and bourdon tubes.....	8	12	10
90007	Maintenance on machinery ⁵	(under 2)	NA	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	18	36	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 38: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)					Relative standard error ¹ for—		
		1972				1967— industry 3821	Column a	Column b	Column c
		Industry 3823	Industry 3824	Industry 3829	Industries 3823, 3824, and 3829				
		(a)	(b)	(c)	(d)	(e)			
	INDUSTRY 3823.--PROCESS CONTROL INSTRUMENTS INDUSTRY 3824.--FLUID METERS AND COUNTING DEVICES INDUSTRY 3829.--MEASURING AND CONTROLLING DEVICES, N.E.C.								
	Materials, parts, containers, and supplies, total.....	238	104	176	518	436	(X)	(X)	(X)
	Data requested in census of manufactures: ²								
	Specified by kind ⁶	42	34	26	102	95	(X)	(X)	(X)
	Not specified by kind (census code 976000) ³	9	7	51	67	88	(X)	(X)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	187	63	99	349	253	(X)	(X)	(X)
	Estimates based on the MA-131 Survey:								
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	5	1	1	7	8	1	20	17
27002	Charts, chart paper, and other printed material.....	2	(under 2)	1	(2-5)	(NA)	14	(X)	14
28210	Plastics and synthetic resin materials, including molding and extrusion.....	3	(5-10)	1	(D)	(NA)	28	(X)	14
30690	Fabricated rubber products, except gaskets.....	2	2	(under 2)	(2-5)	9	14	28	(X)
30790	Fabricated plastics products, except gaskets.....	3	5	(Z)	8	10	20	24	(X)
32010	Glass and glass products, including covers.....	3	(Z)	6	9	5	14	(X)	63
32310	Glass products ⁴	-	-	(under 2)	(under 2)	(NA)	(X)	(X)	(X)
33200	Gray iron and malleable iron castings, rough and semifinished.....	3	6	-	9	10	36	32	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	6	1	(under 2)	(5-10)	12	44	24	(X)
33620	Copper castings ⁵	-	(5-10)	-	(5-10)	(NA)	(X)	(X)	(X)
33690	Nonferrous castings ⁵	-	(2-5)	-	(2-5)	(NA)	(X)	(X)	(X)
34440	Sheet metalwork ⁵	(under 2)	-	(under 2)	(D)	(NA)	(X)	(X)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	15	5	2	22	12	39	10	10
34601	Metal stampings, including perforated metal.....	4	3	5	12	9	30	42	35
34901	Fabricated wire products, including wire springs.....	4	1	1	6	(NA)	10	35	59
34994	Magnets.....	2	(under 2)	(under 2)	(2-5)	(NA)	10	(X)	(X)
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	3	(Z)	1	4	7	14	(X)	14
35450	Cutting tools for machine tools.....	2	(under 2)	(Z)	(2-5)	6	33	(X)	(X)
35730	Electronic computing equipment ⁵	(2-5)	-	-	(2-5)	(NA)	(X)	(X)	(X)
36010	Electric distribution and control equipment, including fuses, coil windings, relays, transformers, switchgear, regulators, motor-generator sets, motor controls, etc.....	11	(under 2)	6	(10-20)	8	39	(X)	14
36430	Switches, wire connectors, metal contacts, lampholders and other current-carrying wiring devices.....	8	1	5	14	(NA)	10	63	14
36700	Resistors, capacitors, transformers, amplifiers, transducers, choppers, and other electronic-type components, except electron tubes and solid state semiconductors.....	28	(under 2)	16	(20-50)	36	24	(X)	14
38112	Scientific instruments ⁵	(under 2)	-	(2-5)	(2-5)	(NA)	(X)	(X)	(X)
38243	Counting mechanisms for integrators, totalizers, and other instruments.....	1	(under 2)	1	(2-5)	5	50	(X)	30
38250	Electrical instrument mechanisms and meter movements, including instrument relays and contact-making mechanisms.....	4	(2-5)	6	(10-20)	16	32	(X)	35
38259	Electrical measuring instruments parts, not listed elsewhere.....	22	-	8	30	(NA)	10	(X)	40
38299	Mechanical measuring instruments, subassemblies, including bellows, diaphragms, and bourdon tubes.....	4	(under 2)	4	(5-10)	32	10	(X)	14
38731	Timing mechanisms and clock movements, including electric.....	(Z)	(under 2)	1	(2-5)	3	(X)	(X)	17
93823	Other materials previously specified on the census report form ⁶	2-5	(X)	(X)	(2-5)	(NA)	(X)	(X)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	42	10	20	72	60	(X)	(X)	(X)
	Industry and material	Delivered cost (million dollars)				Relative standard error ¹ for column a			
		1972		1967					
		(a)		(b)					
	INDUSTRY 3825.--INSTRUMENTS TO MEASURE ELECTRICITY								
	Materials, parts, containers, and supplies, total.....				458	352		(X)	
	Data requested in census of manufactures: ²								
	Specified by kind ⁶				76	58		(X)	
	Not specified by kind (census code 976000) ³				53	77		(X)	
	Data obtained in MA-131 Survey (census code 970099).....				330	217		(X)	

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 38: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972	1967	
		(a)	(b)	
INDUSTRY 3825.--INSTRUMENTS TO MEASURE ELECTRICITY--Continued				
Estimates based on the MA-131 Survey:				
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	4	3	10
27002	Charts, chart paper, and other printed material.....	1	5	14
28210	Plastics and synthetic resin materials, including molding and extrusion.....	6	5	17
30690	Fabricated rubber products, except gaskets.....	(2)	2	(X)
30790	Fabricated plastics products, except gaskets.....	5	3	20
32010	Glass and glass products, including covers.....	5	6	14
33200	Gray iron and malleable iron castings, rough and semifinished.....	1	(NA)	73
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	1	(NA)	14
34500	Bolts, nuts, screws, rivets, and screw machine products.....	7	9	1
34601	Metal stampings, including perforated metal.....	16	9	10
34901	Fabricated wire products, including wire springs.....	3	(NA)	22
34994	Magnets.....	2	4	1
35440	Special dies, tools, die sets, jigs, and fixtures, except cutting tools for machine tools.....	4	6	24
35450	Cutting tools for machine tools.....	1		22
35730	Electronic computing equipment and parts ⁵	16	(NA)	1
36010	Electric distribution and control equipment, including fuses, coil windings, relays, transformers, switchgear, regulators, motor-generator sets, motor controls, etc.....	8	11	1
36130	Switches and circuit breakers; railway electrical control equipment, parts and supplies ⁵	(2-5)	(NA)	(X)
36430	Switches, wire connectors, metal contacts, lampholders and other current-carrying wiring devices.....	23	14	1
36700	Resistors, capacitors, transformers, amplifiers, transducers, choppers, and other electronic-type components, except electron tubes and solid state semiconductors.....	89	78	1
36740	Solid state semiconductors ⁵	3	(NA)	40
38243	Counting mechanisms for integrators, totalizers, and other instruments.....	2	1	(X)
38250	Electrical instrument mechanisms and meter movements, including instrument relays and contact-making mechanisms.....	15	14	1
38259	Electrical measuring instruments parts, not listed elsewhere.....	69	7	1
38299	Mechanical measuring instruments, subassemblies, including bellows, diaphragms, and bourdon tubes.....	(2-5)	(NA)	(X)
38731	Timing mechanisms and clock movements, including electric.....	1	(NA)	10
93825	Other materials previously requested on the census report form ⁶	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	39	38	(X)
INDUSTRY 3832.--OPTICAL INSTRUMENTS AND LENSES ⁷				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	149	110	(X)
	Specified by kind.....	6	7	(X)
	Not specified by kind (census code 976000) ³	34	53	(X)
	Data obtained in MA-131 Survey (census code 970099).....	109	50	(X)
Estimates based on the MA-131 Survey:				
28210	Plastics and synthetic resin materials.....	(under 2)	(NA)	(X)
32310	Glass products.....	(under 2)	(NA)	(X)
32950	Minerals, ground or treated.....	(under 2)	(NA)	(X)
33210	Gray iron foundry products.....	(under 2)	(NA)	(X)
33563	Precious metal mill shapes.....	(2-5)	(NA)	(X)
34440	Sheet metalwork.....	(under 2)	(NA)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products ⁵	1	(NA)	33
36000	Electric and electronic machinery.....	(2-5)	(NA)	(X)
36700	Electronic-type components and accessories, except electron tubes and solid state semiconductors ⁵	14	(NA)	22
36740	Solid state semiconductors.....	7	(NA)	41
38000	Instruments and related products, n.e.c. ⁴	47	(NA)	20
38321	Lenses and prisms for optical instruments, sighting and fire control equipment.....	9	(NA)	67
99999	All other materials, parts, components, containers, and supplies not reported above.....	25	(NA)	(X)
INDUSTRY 3842.--SURGICAL APPLIANCES AND SUPPLIES				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	424	267	(X)
	Specified by kind.....	51	12	(X)
	Not specified by kind (census code 976000) ³	45	49	(X)
	Data obtained in MA-131 Survey (census code 970099).....	328	206	(X)
Estimates based on the MA-131 Survey:				
01310	Raw cotton.....	under 2)	8	(X)
20112	Gut for sutures.....	10-20)	9	(X)
22000	Textile products, n.e.c. ⁴	10-20)	(NA)	(X)
22410	Webbing (elastic and nonelastic), tape, ribbon, laces, and covered rubber thread.....	5	35	33
22840	Thread ⁵	(2-5)	(NA)	(X)
22950	Plastic, resin, and other impregnated and coated fabrics, except rubberized fabrics.....	8	1	17
26000	Paper and paperboard products, except paperboard boxes and containers.....	25	12	20
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	14	14	10
28210	Plastics and synthetic resin materials, molding and extrusion.....	21	10	1
28400	Soaps, cleaners, and toilet goods ⁴	(5-10)	(NA)	(X)
28990	Metal treating chemicals, plating compounds, and frit.....	4	7	3

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 38: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
	INDUSTRY 3842.--SURGICAL APPLIANCES AND SUPPLIES--Continued			
	Estimates based on the MA-131 Survey--Continued			
30690	Fabricated rubber products, including foam rubber and rubberized fabrics but excluding gaskets.....	15	15	20
30790	Fabricated plastics products, except gaskets.....	9	6	14
32010	Glass and glass products, including glass containers.....	12	5	15
33000	Primary metal products, n.e.c. ⁴	(5-10)	(NA)	(X)
33100	Steel mill shapes and forms, except castings and forgings.....	21	3	39
33500	Nonferrous metal mill shapes and forms.....	10	4	10
33600	Nonferrous castings ⁴	(2-5)	(NA)	(X)
34010	Metal cans and containers.....	9	6	14
34500	Bolts, nuts, screws, rivets, and screw machine products.....	18	6	1
36700	Resistors, capacitors, transformers, transducers, and other electronic-type components, except electron tubes and solid state semiconductors.....	12	6	14
38400	Surgical and orthopedic supplies, including sutures and hypodermic needles for further manufacture or assembly.....	36	6	10
99999	All other materials, parts, components, containers, and supplies not reported above.....	71	50	(X)
	INDUSTRY 3851.--OPHTHALMIC GOODS			
	Materials, parts, containers, and supplies, total.....	153	131	(X)
	Data requested in census of manufactures:			
	Specified by kind ⁸	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ³	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	153	131	(X)
	Estimates based on the MA-131 Survey:			
28210	Plastics and synthetic resin materials, molding and extrusion.....	15	16	26
32010	Glass and glass products (except finished and semifinished lenses) and moulded glass blanks.....	24	30	30
32910	Grinding wheels and other abrasive products, except industrial diamonds.....	2	6	50
33395	Precious metals, alloyed and unalloyed.....	25	3	28
38512	Ophthalmic focus lenses (finished and semifinished), and moulded lens blanks.....	33	24	35
38513	Ophthalmic centers, oxfords, trim, fronts, temples, and other parts for ophthalmic goods.....	33	24	22
99999	All other materials, parts, components, containers, and supplies not reported above.....	21	28	(X)
	INDUSTRY 3861.--PHOTOGRAPHIC EQUIPMENT AND SUPPLIES			
	Materials, parts, containers, and supplies, total.....	1,297	1,013	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ⁶	341	88	(X)
	Not specified by kind (census code 976000) ³	42	184	(X)
	Data obtained in MA-131 Survey (census code 970099).....	914	741	(X)
	Estimates based on the MA-131 Survey:			
22000	Textile products ⁴	(2-5)	(NA)	(X)
26000	Paper and paperboard products, except paperboard boxes and containers and photographic base papers.....	59	(NA)	10
26210	Photographic base papers.....	40	26	1
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	28	13	1
28000	Chemical raw materials, n.s.k. ⁴	2	(NA)	24
28190	Inorganic chemicals, n.e.c., except silver nitrate and prepared photographic chemicals, except medicinal	59	12	10
28692	Synthetic organic chemicals, n.e.c., except prepared photographic chemicals.....	121	110	1
28995	Gelatin, photographic grade.....	24	20	1
30690	Fabricated rubber products, except gaskets.....	5	3	1
30790	Fabricated plastics products, except gaskets.....	32	19	1
32010	Glass and glass products, except photographic and projection lenses and prisms.....	5	12	10
33000	Primary metal products, n.e.c. ⁴	5	(NA)	19
33100	Steel mill shapes and forms, except castings and forgings ⁵	(10-20)	(NA)	(X)
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	(50-100)	53	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	6	11	10
34601	Metal stampings.....	21	20	1
35660	Speed changers, drives and gears ⁵	(10-20)	(NA)	(X)
36000	Electric and electronic machinery ⁴	(20-50)	(NA)	(X)
36120	Specialty transformers.....	1	7	35
36410	Electric lamp bulbs.....	11	5	1
38610	Raw film; shutters, range finders, light meters, and other photographic-equipment components, except photographic and projection lenses and prisms.....	131	76	1
90005	Packing supplies ⁵	(10-20)	(NA)	(X)
90007	Maintenance on machinery ⁵	(2-5)	(NA)	(X)
93861	Other materials previously requested on the census report form ⁶	(10-20)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	145	354	(X)
	INDUSTRY 3873.--WATCHES, CLOCKS, AND WATCHCASES			
	Materials, parts, containers, and supplies, total.....	485	398	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ⁶	195	(NA)	(X)
	Not specified by kind (census code 976000) ³	14	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	276	(NA)	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 38: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a	
		(million dollars)			
		1972 (a)	1967 (b)		
	INDUSTRY 3873.--WATCHES, CLOCKS, AND WATCHCASES--Continued				
	Estimates based on the MA-131 Survey:				
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	11	8	10	
28210	Plastics and synthetic resin materials, molding and extrusion.....	10	2	1	
30790	Fabricated plastics products, including crystals and display boxes.....	18	6	1	
31722	Leather watch straps.....	5	3	14	
32010	Glass watch crystals and other glass products.....	4	1	1	
33100	Steel mill shapes and forms, except castings and forgings.....	16	7	1	
33510	Copper and copper-base alloy mill shapes and forms.....	14	11	1	
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	}	18	17	1
33570	Magnet wire ⁵				
34500	Bolts, nuts, screws, rivets, washers, and screw machine products.....		22	17	1
34601	Metal stampings ⁵	(10-20)	(NA)	(X)	
34901	Wire springs and other fabricated nonelectric wire products.....	4	2	14	
36000	Electric and electronic machinery ⁴	5	NA	17	
38110	Engineering and scientific instruments ⁵	(2-5)	NA	(X)	
38735	Metal watch parts, including dials, hands, and numerals, except imported watch movements.....	77	69	10	
39110	Precious metal watch bands, including gold plated.....	(5-10)	3	(X)	
39152	Precious, semiprecious, and synthetic stones and pearls, cut, polished, or drilled.....	5	4	10	
39155	Jewel bearings (synthetic) and jewelers' findings.....	1	2	32	
39610	Metal watch bands, except precious metal.....	7	4	17	
93873	Other materials previously requested on the census report form ⁶	8	(NA)	(X)	
99999	All other materials, parts, components, containers, and supplies not reported above.....	26	53	(X)	

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

Z) Less than half of the unit of measurement shown.

¹Estimates having associated relative standard errors exceeding 15 percent are of limited reliability. However, they may be combined into broader aggregates which are of acceptable reliability. See Explanatory Text for methodology. The 1972 standard errors may be used as approximations of the relative errors for the 1967 estimates. This general relationship may not hold for specific materials costs estimates due to the difference in the 2 sample designs.

²See table 7A of the 1972 Census of Manufactures final Industry series (MC72(2)) for quantity and cost data of the individual materials collected in the census of manufactures.

³Represents the total cost of materials for establishments that did not report detail materials data and includes estimates for companies whose data were estimated based on administrative records. (See section titled "The Census Report Forms" in Introduction for discussion of administrative records.)

⁴Represents data requested at a finer level of detail in the MA-131 Survey, but which have been aggregated to avoid disclosing figures for individual companies. This aggregated total excludes any data published at a finer level in either the census or the MA-131 Survey.

⁵Not separately listed on the MA-131 Survey report form. The cost estimate represents only the data reported by establishments consuming \$25,000 or more of this material as instructed on the report form.

⁶The detail cost of materials as reported in the census of manufactures is understated by the amount shown in "Other materials previously requested on the census report form."

⁷Not included in the MA-131 Survey in 1967.

⁸No materials detail was collected in the census.

⁹Excludes watchcases.

SECTION II, PART 1—Continued

CHAPTER 9. Major Group 39—Miscellaneous Manufacturing Industries

Major Group 39 includes establishments primarily engaged in manufacturing products not classified in any other major manufacturing group. Industries in this group fall into the following categories: Jewelry and silverware and plated ware; musical instruments; toys and sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, and miscellaneous notions; brooms and

brushes; morticians' goods; and other miscellaneous manufacturing industries.

The following industries in this major group are those for which information was obtained in the **1972 Census of Manufactures Supplemental Inquiry; Consumption of Materials, Parts, Containers, and Supplies During 1972**, on Form MA-131. They are included in this report.

SIC Codes and Titles

3911—Jewelry, Precious Metal
3931—Musical Instruments
3944—Games, Toys, and Children's Vehicles
3949—Sporting and Athletic Goods, N.E.C.
3961—Costume Jewelry

3964—Needles, Pins, and Fasteners
3991—Brooms and Brushes
3993—Signs and Advertising Displays
3995—Burial Caskets

Materials Consumed by Kind for Selected Industries in Major Group 39: 1972 and 1967

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3911.--JEWELRY, PRECIOUS METAL			
	Materials, parts, containers, and supplies, total.....	511	332	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ⁴	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	511	332	(X)
	Estimates based on the MA-131 Survey:			
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	2	4	3
28190	Industrial inorganic chemicals.....	(Z)	(NA)	(X)
30790	Fabricated plastics products, including plastic jewelry parts and plastic stones.....	2	(NA)	6
31723	Jewelry boxes, including metal and plastic.....	16	8	1
32294	Imitation stones of glass and other pressed and blown glass products.....	1	(NA)	5
33395	Precious metals, alloyed and unalloyed; including karat gold, gold filled, and rolled gold plate; silver and platinum.....	291	119	1
33500	Nonferrous metal mill shapes and forms.....	4	(NA)	5
38730	Watches, clocks, and watchcases ⁵	(2-5)	(NA)	(X)
39152	Precious, semiprecious, and synthetic stones, and pearls; cut, polished, or drilled.....	104	148	1
39156	Jewelers' findings, including joints, pins, clasps, chain, flat stock, etc.....	35	31	1
99999	All other materials, parts, components, containers, and supplies not reported above.....	52	21	(X)
	INDUSTRY 3931.--MUSICAL INSTRUMENTS			
	Materials, parts, containers, and supplies, total.....	228	178	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ⁴	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	228	178	(X)
	Estimates based on the MA-131 Survey:			
22000	Textile products ⁶	2	(NA)	2
22910	Felt goods ⁵	(under 2)	1	(X)
24210	Rough and dressed lumber.....	27	24	2
24300	Veneer and plywood.....	7	11	1
24998	Fabricated wood components, including cabinets, frames, etc.....	18	7	1
26000	Paper and paperboard products ⁵	(2-5)	(NA)	(X)
28210	Plastics and synthetic resin materials, molding and extrusion.....	8	6	2
28510	Paints, varnishes, lacquers, and enamels.....	3	4	1
31610	Cases for musical instruments.....	11	11	2
33100	Steel mill shapes and forms, except castings and forgings.....	7	23	1
33210	Gray iron foundry products ⁵	(under 2)	(NA)	(X)
33510	Copper and copper-base alloy mill shapes and forms.....	7	2	3
33570	Nonferrous castings ⁵	(5-10)	(NA)	(X)
34000	Fabricated metal products, n.e.c. ⁶	2	(NA)	1
36510	Loudspeakers, microphones, and tuners (all types).....	12	15	1
36700	Electronic-type components and accessories, including resistors, capacitors, switches, printed circuit boards, and transformers, except electron tubes and solid state semiconductors.....	37	24	1
36740	Solid state semiconductors.....	8	3	1
39310	Parts specially designed for musical instruments, including actions, strings, mouthpieces, etc.....	48	34	1
99999	All other materials, parts, components, containers, and supplies not reported above.....	14	13	(X)
	INDUSTRY 3944.--GAMES, TOYS, AND CHILDREN'S VEHICLES			
	Materials, parts, containers, and supplies, total.....	653	⁷ 464	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	179	81	(X)
	Not specified by kind (census code 976000) ⁴	79	82	(X)
	Data obtained in MA-131 Survey (census code 970099).....	395	301	(X)
	Estimates based on the MA-131 Survey:			
22950	Plastic, resin, and other impregnated and coated fabrics, except rubberized fabrics.....	17	12	10
24000	Lumber products, n.e.c. ⁶	2	(NA)	43
24210	Rough and dressed lumber.....	25	12	1
24991	Hardpressed fiberboard, purchased hardboard.....	5	6	30
26000	Paper and paperboard products, except paperboard boxes and containers.....	29	29	10
28000	Chemical raw materials, n.e.c. ⁶	4	(NA)	28
28510	Paints, varnishes, lacquers, and enamels.....	8	6	1
30111	Solid rubber tubing (tire stock) and rubber tires for children's vehicles, except for bicycles.....	9	(NA)	14
30690	Fabricated rubber products, except gaskets.....	1	2	49
30790	Fabricated plastics products, except gaskets.....	86	60	1
31110	Leather goods ⁵	2	(NA)	41
33300	Nonferrous metal shapes ⁵	(2-5)	(NA)	(X)
33560	Nonferrous metal mill shapes and forms, except aluminum.....	4	2	32
34290	Metal hardware, locks, hinges, handles, etc.....	(under 2)	(NA)	(X)
34500	Bolts, nuts, screws, rivets, and screw machine products.....	16	6	1
34601	Metal stampings.....	5	2	22

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 39: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
INDUSTRY 3944.--GAMES, TOYS, AND CHILDREN'S VEHICLES--Continued				
Estimates based on the MA-131 Survey--Continued				
34901	Wire springs and other fabricated nonelectric wire products.....	4	2	17
35000	Machinery, except electrical ⁶	2	(NA)	42
36000	Electric and electronic machinery ⁶	8	1	53
37510	Motorcycles, bicycles and parts ⁵	(2-5)	(NA)	(X)
39440	Fabricated toy and game parts, other than those listed above.....	67	28	1
90005	Packing supplies ⁵	(2-5)	(NA)	(X)
90007	Maintenance on machinery ⁵	(under 2)	(NA)	(X)
90008	Operating supplies ⁵	(2-5)	(NA)	(X)
93944	Other materials previously requested on the census report form ⁸	37	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	51	65	(X)
INDUSTRY 3949.--SPORTING AND ATHLETIC GOODS, N.E.C.				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	754	358	(X)
	Specified by kind ³	223	94	(X)
	Not specified by kind (census code 976000) ⁴	136	75	(X)
	Data obtained in MA-131 Survey (census code 970099).....	395	189	(X)
Estimates based on the MA-131 Survey:				
08492	Natural rubber.....	3	(NA)	32
22000	Textile products, except thread ⁶	5	(NA)	33
22840	Thread ⁵	1	5	33
23290	Men's and boy's clothing ⁵	(5-10)	(NA)	(X)
24210	Rough and dressed lumber.....	78	11	1
24300	Veneer and plywood.....	7	2	28
24990	Miscellaneous lumber products, n.e.c. ⁵	3	(NA)	52
27000	Printed products, labels, coupons, etc. ⁵	2	(NA)	72
28000	Chemical raw materials, n.e.c. ⁵	23	(NA)	29
28220	Synthetic rubber ⁵	13	(NA)	17
28510	Paints, varnishes, lacquers, and enamels.....	14	6	20
30690	Fabricated rubber products, except gaskets.....	16	11	16
30790	Fabricated plastics products, including impregnated glass fiber but excluding gaskets.....	26	13	10
32293	Glass fiber, including yarn, roving, strand, mat, etc., not impregnated.....	1	6	35
32810	Stone products ⁵	3	(NA)	23
32910	Abrasive products ⁵	(under 2)	(NA)	(X)
33200	Iron and steel castings, rough and semifinished.....	12	8	36
33560	Nonferrous metal mill shapes and forms, except copper and aluminum.....	2	4	51
33611	Aluminum and aluminum-base alloy die castings ⁵	(2-5)	(NA)	(X)
33690	Zinc, zinc-base alloy and other nonferrous castings ⁵	(under 2)		
34000	Fabricated metal products, except bolts, screws, rivets, nuts, etc. ⁶	17	(NA)	13
34500	Bolts, nuts, screws, rivets, washers, and screw machine products.....	18	9	10
35000	Machinery, except electrical ⁶	(5-10)	(NA)	(X)
36000	Electric and electronic machinery ⁶	(10-20)	(NA)	(X)
39490	Parts specially designed for sporting goods.....	35	48	20
39640	Needles, pins, fasteners and other similar materials ⁵	(under 2)	(NA)	(X)
90004	Plating supplies ⁵	(under 2)	(NA)	(X)
90005	Packing supplies ⁵	(2-5)		
90007	Maintenance on machinery ⁵	(5-10)		
90008	Operating supplies ⁵	(2-5)	(NA)	(X)
93949	Other materials previously specified on the census report form ⁸	3		
99999	All other materials, parts, components, containers, and supplies not reported above.....	68	70	(X)
INDUSTRY 3961.--COSTUME JEWELRY ⁹				
Materials, parts, containers, and supplies, total.....				
	Data requested in census of manufactures: ²	154	125	(X)
	Specified by kind ³	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ⁴	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	154	(NA)	(X)
Estimates based on the MA-131 Survey:				
22840	Thread.....	(Z)	(NA)	(X)
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	5	(NA)	3
28190	Industrial inorganic chemicals.....	1	(NA)	3
28210	Plastics and synthetic resin materials ⁵	(under 2)	(NA)	(X)
28510	Paints, varnishes, lacquers, and enamels.....	1	(NA)	2
28910	Glues and adhesives.....	(Z)	(NA)	(X)
30790	Fabricated plastics products, including plastic jewelry parts and plastic stones.....	8	(NA)	3
31723	Jewelry boxes, including metal and plastic.....	11	(NA)	3
32294	Imitation stones of glass and other pressed and blown glass products.....	3	(NA)	3
33395	Precious metals, alloyed and unalloyed, including karat gold, gold filled, and rolled gold plate; silver and platinum.....	26	(NA)	1
33500	Nonferrous metal mill shapes and forms.....	8	(NA)	2
39152	Precious, semiprecious, and synthetic stones, and pearls, cut, polished, or drilled.....	7	(NA)	3
39156	Jewelers' findings, including joints, pins, clasps, chain, flat stock, etc.....	40	(NA)	1
39610	Imitation pearls.....	8	(NA)	6
99999	All other materials, parts, components, containers, and supplies not reported above.....	33	(NA)	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 39: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3964.--NEEDLES, PINS, AND FASTENERS			
	Materials, parts, containers, and supplies, total.....	207	154	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	48	37	(X)
	Not specified by kind (census code 976000) ⁴	38	22	(X)
	Data obtained in MA-131 Survey (census code 970099).....	121	95	(X)
	Estimates based on the MA-131 Survey:			
22010	Fabrics, cotton, wool, silk, and synthetic fiber, including tape for zippers and other fasteners.....	44	41	10
26000	Paper and paperboard products, including bags, except paperboard boxes and containers.....	5	1	10
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	4	8	1
28210	Plastics and synthetic resin materials, including adhesives (molding and extrusion).....	14	5	10
28510	Paints, varnishes, lacquers, and enamels.....	3	1	39
33000	Primary metal products ⁵	4	(NA)	38
34601	Metal stampings, including zipper parts for assembly.....	18	14	14
39640	Needles, pins, fasteners, and similar materials purchased for further manufacture or assembly.....	18	(D)	10
99999	All other materials, parts, components, containers, and supplies not reported above.....	12	(D)	(X)
	INDUSTRY 3991.--BROOMS AND BRUSHES			
	Materials, parts, containers, and supplies, total.....	170	132	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ⁴	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	170	132	(X)
	Estimates based on the MA-131 Survey:			
01390	Vegetable fibers, including palmyra, istle, tampico, broom root, broom corn, etc.....	9	3	4
22010	Yarns and textiles made of cotton, wool, silk, and synthetic fiber.....	19	3	2
24210	Rough and dressed lumber.....	4	1	4
24992	Wood brush handles and backs.....	18	9	2
26500	Paperboard boxes and containers ⁵	3	(NA)	2
28210	Plastics and synthetic resin materials and fibers, and cellulosic sponges.....	35	60	1
28240	Noncellulosic organic fibers ⁵	3	(NA)	3
28510	Paints, lacquers, varnishes, shellacs, and enamels ⁵	1	(NA)	3
28910	Glues and adhesives ⁵	(under 2)	(NA)	(X)
30690	Fabricated rubber products ⁵	(under 2)	(NA)	(X)
30790	Miscellaneous plastics products ⁵	(under 2)	(NA)	(X)
33100	Steel mill shapes and forms, except castings and forgings.....	12	4	4
33540	Aluminum shapes and forms ⁵	1	(NA)	4
33570	Nonferrous wire ⁵	3	(NA)	5
34601	Metal stampings.....	7	7	1
39912	Paint and varnish brushes ⁵	(under 2)	(NA)	(X)
39913	Brushes, except paint and varnish ⁵	(under 2)	(NA)	(X)
39999	Dressed hair, including bristle and horsehair.....	23	16	1
90005	Packing supplies ⁵	4	(NA)	2
90006	Shipping supplies ⁵	(under 2)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above.....	24	(NA)	(X)
	INDUSTRY 3993.--SIGNS AND ADVERTISING DISPLAYS			
	Materials, parts, containers, and supplies, total.....	381	288	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	(X)	(X)	(X)
	Not specified by kind (census code 976000) ⁴	(X)	(X)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	381	288	(X)
	Estimates based on the MA-131 Survey:			
24210	Rough and dressed lumber.....	8	10	3
24300	Veneer and plywood.....	15	10	1
24990	Miscellaneous lumber products, n.e.c. ⁵	(2-5)	(NA)	(X)
26000	Paper and paperboard products, except paperboard boxes and containers.....	29	10	3
26500	Paperboard boxes and containers, including folding, corrugated, fiber, and setup.....	17	14	2
27000	Printed materials, labels, coupons, instructions, etc. ⁵	(under 2)	(NA)	(X)
28210	Plastics and synthetic resin materials, molding and extrusion.....	62	35	1
28510	Paints, lacquers, varnishes, and enamels.....	15	12	2
30690	Fabricated rubber products ⁵	-	18	(X)
30790	Fabricated plastics products, except gaskets.....	35		2
32000	Glass and glass products ⁵	(under 2)	1	(X)
33100	Steel mill shapes and forms, except castings and forgings.....	59	55	1
33500	Nonferrous metal mill shapes and forms.....	24	16	1
34000	Fabricated metal products, n.e.c. ⁶	2	(NA)	(X)
34290	Metal hardware, casters, locks, hinges, handles, etc.....	10	32	1
36010	Electrical switchgear, relays, fuses, and other electrical control and distribution equipment.....	9	2	2
36120	Specialty transformers and fluorescent ballasts.....	25	22	1
36410	Electric lamp bulbs ⁵	5	(NA)	3
36430	Outlets, wire connectors, lampholders, switches, and other current-carrying wiring devices.....	9	15	1
39930	Nameplates ⁵	(2-5)	(NA)	(X)
99999	All other materials, parts, components, containers, and supplies not reported above, including \$7 million for nonmaterials costs in 1972.....	52	36	(X)

See footnotes at end of table.

Materials Consumed by Kind for Selected Industries in Major Group 39: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972 (a)	1967 (b)	
	INDUSTRY 3995.--BURIAL CASKETS			
	Materials, parts, containers, and supplies, total.....	174	134	(X)
	Data requested in census of manufactures: ²			
	Specified by kind ³	(NA)	(NA)	(X)
	Not specified by kind (census code 976000) ⁴	(NA)	(NA)	(X)
	Data obtained in MA-131 Survey (census code 970099).....	174	134	(X)
	Estimates based on the MA-131 Survey:			
22010	Cotton, woolen, silk, and synthetic fabrics.....	23	5	1
22930	Paddings, batting, wadding, and filling, all fibers except wood, rubber, and plastic.....	5	2	1
24210	Rough and dressed lumber.....	8	3	2
26000	Paper and paperboard products ⁵	1	(NA)	2
28510	Paints, lacquers, varnishes, and enamels.....	7	7	2
30690	Fabricated rubber products ⁶	(Z)	5	(X)
30790	Miscellaneous plastics products ⁵			
32930	Gaskets ⁷	1	(NA)	2
33100	Steel mill shapes and forms, except castings and forgings.....	31	43	1
33510	Copper and copper-base alloy mill shapes and forms.....	6	20	3
34290	Casket and casket shell hardware, metal.....	25	4	1
39950	Casket and coffin shells, and inner liners, knocked-down or setup.....	50	43	2
99999	All other materials, parts, components, containers, and supplies not reported above.....	17	2	(X)

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
(Z) Less than half the unit of measurement shown.

¹Estimates having associated relative standard errors exceeding 15 percent are of limited reliability. However, they may be combined into broader aggregates which are of acceptable reliability. See Explanatory Text for methodology. The 1972 standard errors may be used as approximations of the relative errors for the 1967 estimates. This general relationship may not hold for specific materials costs estimates due to the difference in the 2 sample designs.

²See table 7A of the 1972 Census of Manufactures final Industry series MC72(2) for quantity and cost data of the individual materials collected in the census of manufactures.

³No materials detail was collected in the census.

⁴Represents the total cost of materials for establishments that did not report detail materials data, and includes estimates for companies whose data were estimated based on administrative records. (See section titled "The Census Report Forms" in Introduction for discussion of administrative records.)

⁵Not separately listed on the MA-131 Survey report form. The cost estimate represents only the data reported by establishments consuming \$25,000 or more of this material as instructed on the report form.

⁶Represents data requested at a finer level of detail in the MA-131 Survey, but which have been aggregated to avoid disclosing figures for individual companies. This aggregated total excludes any data published at a finer level in either the census or the MA-131 Survey.

⁷Includes costs for games and toys only.

⁸The detail cost of materials as reported in the census of manufactures is understated by the amount shown in "Other materials previously requested on the census report form."

⁹Not included in the MA-131 Survey in 1967.

SECTION II—Continued

PART 2. Supplies Consumed in Mineral Industries by Kind: 1972 and 1967

GENERAL

The tables in this part present information on consumption of supplies by mineral establishments in 1972 and 1967. The data are based on reports obtained in a sample survey, using Form MA-131, on consumption of materials, parts, containers, and supplies during 1972 and serve to supplement the data on supplies consumed, previously published in the 1972 Census of Mineral Industries. The data are obtained primarily to facilitate the work of the Bureau of Economic Analysis, Department of Commerce, on national accounts and input-output studies; they also provide, in part, answers to increased demands for more detailed information on consumption of supplies by mining establishments.

SUMMARY DATA

As shown in the summary table on page 00, the mineral industries selected for this survey accounted for \$3,242 million of supplies consumed by all mineral establishments in 1972. Of this, the category, "all other supplies" (code 970099), amounted to \$2,284 million. It was this latter figure which in the table was distributed by class of material on the basis of the data reported in the supplemental survey on Form MA-131. As the table also indicates, the proportion of the cost of "all other supplies" to "total cost of supplies, specified by kind" was reduced from approximately 71 to 10 percent as a result of the data obtained in this supplemental survey.

SAMPLE DESIGN

The 1972 MA-131 Survey was a probability survey based on the cost of supplies consumed for which insufficient detail was collected in the census. The design of the sample was set to accommodate approximately 900 mineral establishments. This resulted in the certainty selection of all those plants reporting more than \$1,300 thousand in unspecified supplies costs. Other establishments were sampled with probabilities of 1.000 to .005 in accordance with mathematical theory for optimum allocation of the sample. The response rate on the mineral industry portion of this voluntary survey was approximately 85 percent.

QUALIFICATIONS OF THE DATA

The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all establish-

ments in the sampled list. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete coverage survey—are unknown. Guides to the potential sizes of the sampling errors, however, are provided by the standard errors of the estimates. These have been computed and are presented in the form of relative standard errors, the standard errors divided by the estimated values to which they refer. In the MA-131 Survey, the standard errors are calculated for response data only and thus may be overstated or understated because of nonresponse. A relative standard error can be interpreted to mean that its associated estimate is reliable within (plus or minus) the relative standard error percentage of the estimate for about two-thirds of all possible samples. If the relative standard error is doubled and applied, the range of the estimate is good for about 95 percent of all possible samples; if tripled the resulting estimate range is good for nearly all samples.

When the relative standard error is large, its associated estimate may be combined with other estimates to increase its reliability. The approximate relative standard error of estimate for combined estimates can be derived by multiplying each component estimate by its relative standard error, squaring the result, summing the squares, taking the square root of that sum, and dividing the result by the aggregated estimate.

In addition to sampling errors the estimates are subject to response and operational errors. However, these errors would also occur in a complete canvass survey, and have been minimized in the MA-131 Survey by a thorough review of the data for reasonableness and consistency.

COMPARABILITY OF DATA

Comparability of the 1967 and 1972 data presented in this report is approximate due to a difference in sample designs and to the major revisions of the Standard Industrial Classification (SIC) system for 1972. The 1967 MA-131 Survey was a probability survey based on the employment size of establishments; the 1972 survey was based on cost of supplies (see the earlier discussion of the 1972 sample design). The sampling errors shown for the 1972 estimates can be expected to indicate roughly the magnitude of the errors for the 1967 estimates. The average level of the 1972 errors should be somewhat smaller because the sample was increased in size and was more efficiently designed for the 1972 survey. This general relationship may not hold for specific supplies cost estimates because of the difference in the two sample designs.

Cost of Supplies, Minerals Received for Preparation, and Purchased Machinery Installed by Mineral Industries Establishments, by Selected Industry: 1972 and 1967

1972 industry code	Industry	Cost of supplies, minerals received for preparation, and purchased machinery installed, based on census of mineral industries						Percent of column F reported by sampled establishments in MA-131 Survey	Cost of supplies specified by kind including, code 970099, in census of mineral industries	Cost of supplies used as a percent of column H		
		Total	Supplies not specified by kind ¹	Minerals received for preparation	Purchased machinery installed	Supplies specified by kind	All other supplies used, (code 970099)			Specified by kind in census of mineral industries	Estimates as specified in MA-131 Survey	Remaining unspecified supplies
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)			(percent)	(percent)	(percent)
		A	B	C	D	E	F	G	H	I	J	K
	1972											
	Selected industries, total....	10,464	461	4,829	1,932	956	2,286	65	3,242	29	61	10
1011	Iron ores.....	323	3	(²)	41	58	² 221	(D)	² 279	(D)	(D)	(D)
1021	Copper ores.....	637	4	220	147	52	214	77	266	20	68	12
1211	Bituminous coal.....	1,996	71	557	549	226	593	63	819	30	56	14
1311	Crude petroleum and natural gas...	1,941	106	-	604	460	771	80	1,231	37	56	7
1321	Natural gas liquids.....	4,072	21	3,915	69	21	46	12	67	31	56	13
1381	Drilling oil and gas wells.....	471	58	(X)	201	148	164	39	212	23	69	8
1389	Oil and gas field services, n.e.c.	369	69	(X)	111	14	175	52	189	7	87	6
1422	Crushed and broken limestone.....	268	40	11	87	48	82	25	130	37	53	10
1442	Construction sand and gravel.....	232	80	18	63	18	53	16	71	25	57	18
1474	Potash, soda, and borate minerals.	76	(D)	(D)	44	(D)	24	(D)	(D)	(D)	(D)	(D)
1475	Phosphate rock.....	67	(D)	14	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1477	Sulfur.....	12	(Z)	-	1	(D)	(D)	(D)	11	(D)	(D)	(D)
	1967											
	Selected industries, total....	7,308	³ 266	⁴ 3,209	1,316	⁵ 823	⁵ 1,694	(X)	⁵ 2,517	33	42	⁵ 25
1011	Iron ores.....	298	1	92	49	51	105	(76-100)	156	34	35	31
1021	Copper ores.....	307	1	(²)	82	26	⁵ 198	(76-100)	² 224	12	17	⁵ 71
1211	Bituminous coal.....	1,042	66	303	259	137	277	(76-100)	414	32	38	30
1311	Crude petroleum and natural gas...	1,633	89	(X)	490	477	577	(26-50)	1,054	45	43	12
1321	Natural gas liquids.....	2,947	6	2,743	104	51	46	(under 26)	94	51	26	23
1381	Drilling oil and gas wells.....	549	70	(X)	156	32	291	(51-75)	323	10	73	17
1389	Oil and gas field services, n.e.c.	182	(⁶)	9	61	⁶ 34	⁵ 78	(under 26)	⁶ 112	29	26	⁵ 45
1422	Crushed and broken limestone.....	160	33	10	54	9	54	(under 26)	63	15	54	31
1474	Potash, soda, and borate minerals.	190	(⁶)	52	61	⁶ 9	⁵ 68	(51-75)	⁶ 77	12	48	⁵ 40
1475	Phosphate rock.....											
1477	Sulfur.....											

- Represents zero. (X) Not applicable. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurements shown (or less than 0.5 percent).

¹Represents total cost of supplies, minerals received for preparation, and purchased machinery installed for establishments that did not report detailed supplies data, and includes estimates for establishments that were not mailed report forms.

²"Cost of minerals received for preparation" are included with "Cost of supplies."

³Excludes industries 1422, 1474, 1475, and 1476 for which figures for "Cost of supplies, not specified by kind" are included in "Cost of supplies specified by kind."

⁴Excludes industry 1021 for which figures for "Cost of minerals received for preparation" are included in "Cost of supplies specified by kind."

⁵Includes "Cost of supplies not specified by kind" and/or "Cost of minerals received for preparation" for those industries where such figures were not shown separately.

⁶"Cost of supplies, not specified by kind" are included in "Cost of supplies specified by kind."

SECTION II, PART 2—Continued

CHAPTER 10. Major Groups 10, 12, 13, and 14—1972 Census of Mineral Industries

The mineral industries, Major Groups 10 to 14, include establishments primarily engaged in mining, developing mines, or exploration activities for minerals; or in providing contract services, including exploration and development services, for mining establishments at the mine, development, or exploration site. In the broad sense, mining covers the extraction of minerals occurring naturally, that is, solids such as coal, various ores, stone, sand and gravel; liquids, such as crude petroleum; and gases, such as natural gas. It also includes quarrying, well operations (such as crude petroleum or natural gas wells, and sulfur wells), milling and mineral beneficiation (crushing, screening, washing, and flotation) typically performed at the mine site.

In general, mining operations are classified by industry on the basis of the principal mineral produced or shipped; or, if development and exploration only is being conducted, on the basis of the principal mineral for which such development and exploration work is in process. The mining of such things as culm banks, ore dumps, and tailing piles is included in the mineral industries and classified according to the principal mineral product derived.

Establishments engaged in contract service operations for minerals establishments are classified in the mineral contract

services (industries 1081, 1112, 1213, 1481, and industry group 138) in accordance with the principal mineral mined or to be mined at the site of the services and, in the case of the oil and gas field services (industry group 138), the type of contract service performed. If the contract service is of the development and exploration type, the contract service establishment is classified on the basis of the principal mineral expected to be mined or recovered at the site and, in the case of industry group 138, the type of service performed.

Separately operated preparation plants are included in mining for all minerals except selected nonmetals such as clay, barite, talc, gypsum, graphite.

In the crude petroleum and natural gas area, Major Group 13, mining activities include, in addition to the operation of oil and gas wells, the extraction of oil from oil sands and oil shale, and the production of natural gasoline and liquefied petroleum gases from natural gas.

The following industries in this major group are those for which information was obtained in the **1972 Census of Manufactures Supplemental Inquiry; Consumption of Materials, Parts, Containers, and Supplies During 1972**, on Form MA-131. They are included in this report.

SIC Codes and Titles

1011—Iron Ores
1021—Copper Ores
1211—Bituminous Coal and Lignite
1311—Crude Petroleum and Natural Gas
1321—Natural Gas Liquids
1381—Drilling Oil and Gas Wells

1389—Oil and Gas Field Services, N.E.C.
1422—Crushed and Broken Limestone
1442—Construction Sand and Gravel
1474—Potash, Soda, and Borate Minerals
1475—Phosphate Rock
1477—Sulfur

Supplies Consumed by Kind for Selected Mineral Industries: 1972 and 1967

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
INDUSTRY 1011.--IRON ORES				
	Selected supplies, minerals received for preparation, and purchased machinery installed, total.....	323	298	(X)
	Data requested in census of mineral industries:			
	Minerals received for preparation.....	(²)	92	(X)
	Purchased machinery installed.....	41	49	(X)
	Supplies specified by kind.....	58	51	(X)
	Supplies, minerals received for preparation, and purchased machinery installed, n.s.k. ³	3	1	(X)
	Supplies requested in MA-131 Survey (census code 970099).....	² 221	105	(X)
	Estimates based on the MA-131 Survey:			
14000	Nonmetallic minerals ⁴	(NA)	5	(X)
14500	Bentonite and other clay nonmetallic minerals ⁴	11	(NA)	1
28011	Industrial chemicals, chemical reagents, calcium chloride, fatty acids, etc.....	4	3	1
28130	Industrial gases ⁴	(under 2)	(NA)	(X)
29000	Lubricating oils and greases, including hydraulic oils.....	3	3	1
30110	Tires and innertubes.....	10	7	1
30600	Other rubber and plastic products ⁴	(NA)	1	(X)
32040	Refractories, clay and nonclay.....	(Z)	1	1
33000	Primary metals, n.s.k. ⁴	(2-5)	10	(X)
33090	Steel castings, steel forgings, including grinding rods and balls, and metallic grindings media ⁴	33	(NA)	1
33500	Nonferrous metal mill shapes and forms.....	(Z)	1	1
34000	Fabricated metal products, n.s.k. ⁴	(under 2)	2	(X)
35000	Machinery, except electrical, n.s.k. ⁴	(20-50)	20	(X)
35300	Parts and attachments, except those listed elsewhere, for construction, mining, and conveying equipment; and for mineral preparation machinery and equipment ⁴	23	(NA)	1
35331	Drill bits and reamers ⁴	4	(NA)	1
36000	Electrical equipment and supplies, n.s.k. ⁴	(under 2)	2	(X)
90007	Maintenance on machinery ⁴	(5-10)	(NA)	(X)
99999	All other supplies not listed above.....	23	50	(X)
INDUSTRY 1021.--COPPER ORES				
	Selected supplies, minerals received for preparation and purchased machinery installed, total.....	637	307	(X)
	Data requested in census of mineral industries:			
	Minerals received for preparation.....	220	(²)	(X)
	Purchased machinery, installed.....	147	82	(X)
	Supplies specified by kind ⁵	52	26	(X)
	Supplies, minerals received for preparation, and purchased machinery installed, n.s.k. ³	4	1	(X)
	Supplies requested in MA-131 Survey (census code 970099).....	214	² 198	(X)
	Estimates based on the MA-131 Survey:			
14420	Construction sand and gravel ⁴	(under 2)	(NA)	(X)
28000	Industrial chemicals ⁴	(NA)	1	(X)
28198	Chemical reagents.....	24	8	1
29000	Lubricating oils and greases ⁴	3	1	1
30110	Tires and inner tubes.....	21	7	1
32740	Lime, including quicklime and hydrated lime, and dead-burned dolomite.....	8	2	1
33000	Primary metals, n.s.k. ⁴	(NA)	10	(X)
33090	Steel castings; steel forgings, including grinding rods and balls; and metallic grinding media ⁴	31	(NA)	1
33500	Nonferrous metal mill shapes and forms.....	8	2	14
34000	Fabricated metal products, n.s.k. ⁴	(under 2)	(NA)	(X)
35000	Machinery, except electrical, n.s.k. ⁴	(NA)	7	(X)
35300	Parts and attachments, except those listed elsewhere, for construction, mining, and conveying equipment; and for mineral preparation machinery and equipment ⁴	46	(NA)	1
35331	Drill bits and reamers ⁴	3	(NA)	1
36000	Electrical equipment and supplies, n.s.k. ⁴	1	(NA)	1
37140	Motor vehicle parts and accessories ⁴	(under 2)	(NA)	(X)
49410	Water purchased ⁴	(under 2)	1	(X)
90001	Scrap metal ⁴	(20-50)	(NA)	(X)
91021	Other supplies previously specified on the census report form ⁵	1	(NA)	(X)
99999	All other supplies not listed above, including \$9 million for nonsupplies for 1972.....	41	159	(X)
INDUSTRY 1211.--BITUMINOUS COAL AND LIGNITE				
	Selected supplies, minerals received for preparation, and purchased machinery installed, total.....	1,996	1,042	(X)
	Data requested in census of mineral industries:			
	Minerals received for preparation.....	557	303	(X)
	Purchased machinery installed.....	549	259	(X)
	Supplies specified by kind ⁵	226	137	(X)
	Supplies, minerals received for preparation, and purchased machinery installed, n.s.k. ²	71	66	(X)
	Supplies requested in MA-131 Survey (census code 970099).....	593	277	(X)
	Estimates based on the MA-131 Survey:			
10110	Magnetite ⁴	2	(NA)	14
14000	Nonmetallic minerals ⁴	(NA)	(NA)	(X)
22110	Filter and brattice cloth.....	12	4	1
28010	Industrial chemicals ⁴	(NA)	2	(X)
29000	Lubricating oils and greases, including hydraulic oils.....	31	27	1

See footnotes at end of table.

Supplies Consumed by Kind for Selected Mineral Industries: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost		Relative standard error ¹ for column a
		(million dollars)		
		1972 (a)	1967 (b)	
INDUSTRY 1211.--BITUMINOUS COAL AND LIGNITE--Continued				
Estimates based on the MA-131 Survey--Continued				
30110	Tires and inner tubes.....	21	11	10
30600	Rubber and plastic products, including hose, conveyor belting, etc., except tires, tubes, and gaskets...	22	9	1
32701	Concrete products.....	10	3	1
32951	Nonmetallic mineral products, rock dust, other prepared nonmetallic minerals and earths, etc. ⁴	25	5	1
33000	Primary metals, n.s.k. ⁴	NA	2	(X)
33570	Nonferrous metal wire, including trolley wire.....	15	7	1
34000	Fabricated metal products, n.s.k. ⁴	1	3	36
34230	Handtools ⁴	1	(NA)	1
34901	Wire rope, cable, springs, and other fabricated wire products.....	19	7	1
35000	Machinery, except electrical, n.s.k. ⁴	1	61	4
35300	Parts and attachments, except those listed for construction, mining, and conveying equipment; and for mineral preparation machinery and equipment ⁴	269	NA	1
35331	Drill bits and reamers ⁴	28	NA	1
36000	Electrical equipment and supplies, n.s.k. ⁴	2	7	8
38420	Mining caps and lights ⁴	1	1	14
90007	Maintenance on machinery ⁴	⁵ 5	NA	30
91211	Other materials previously specified on the census report form ⁵	7	(NA)	(X)
99999	All other supplies not listed above includes \$8 million for nonsupplies in 1972.....	121	126	(X)
INDUSTRY 1311.--CRUDE PETROLEUM AND NATURAL GAS				
Selected supplies, minerals received for preparation and purchased machinery installed, total.....		1,941	1,633	(X)
Data requested in census of mineral industries:				
Minerals received for preparation.....		-	-	(X)
Purchased machinery installed.....		604	490	(X)
Supplies specified by kind ⁵		460	477	(X)
Supplies, minerals received for preparation, and purchased machinery installed, n.s.k. ³		106	89	(X)
Supplies requested in MA-131 Survey (census code 970099).....		771	577	(X)
Estimates based on the MA-131 Survey:				
14420	Construction sand and gravel ⁴	(under 2)	(NA)	(X)
24010	Lumber ⁴	(under 2)	4	(X)
28011	Industrial chemicals.....	⁶ 71	⁷ 192	1
28510	Paints and allied products ⁴	NA	3	(X)
28991	Drilling fluids, drilling mud and drilling mud materials, mud thinners, thickeners and purifiers ⁴	164	NA	1
29000	Lubricating oils and grease, including hydraulic oils.....	19	21	1
30110	Tires and inner tubes ⁴	(NA)	2	(X)
30600	Other rubber and plastic products, including rubber belting ⁴	(NA)	2	(X)
32410	Cement.....	87	71	1
34000	Fabricated metal products, n.s.k. ⁴	2-5	NA	(X)
34230	Handtools ⁴	(under 2)	4	(X)
34902	Valves and pipe fittings.....	84	93	1
35000	Machinery, except electrical, n.s.k. ⁴	(5-10)	40	(X)
35331	Drill bits and reamers ⁴	42	(NA)	1
35332	Parts and attachments for oil- and gas-field machinery, except those listed above, including parts and attachments for power-transmission equipment, equipment for pumps and compressors, etc. ⁴	114	(NA)	1
36000	Electrical equipment and supplies, n.s.k. ⁴	(2-5)	7	(X)
38000	Instruments and related products ⁴	(2-5)	(NA)	(X)
49410	Water purchased.....	24	9	1
91311	Other materials previously specified on the census report form ⁵	7	(NA)	(X)
99999	All other supplies not listed above, including \$26 million for nonsupplies for 1972.....	112	129	(X)
INDUSTRY 1321.--NATURAL GAS LIQUIDS				
Selected supplies, natural gas received for processing, and purchased machinery installed, total.....		1,072	2,947	(X)
Data requested in census of mineral industries:				
Natural gas received for processing.....		3 915	2 743	(X)
Purchased machinery installed.....		69	104	(X)
Supplies specified by kind.....		21	49	(X)
Supplies, natural gas received for processing, and purchased machinery installed, n.s.k. ³		21	6	(X)
Supplies requested in MA-131 Survey (census code 970099).....		46	16	(X)
Estimates based on the MA-131 Survey:				
28011	Industrial chemicals, except drilling fluids.....	13	8	17
29000	Lubricating oils and grease, including hydraulic oils.....	7	7	22
34902	Valves and pipe fittings.....	5	7	26
35332	Parts and attachments for oil- and gas-field machinery, except those listed above, including parts and attachments for power-transmission equipment, equipment for pumps and compressors, etc. ⁴	10	NA	20
49410	Water purchased.....		3	(X)
99999	All other supplies not listed above.....	10	21	(X)

See footnotes at end of table.

Supplies Consumed by Kind for Selected Mineral Industries: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)				Relative standard error ¹ for—	
		1972			1967— industries 1381 and 1389	Column a	Column b
		Industry 1381	Industry 1389	Industries 1381 and 1389			
		(a)	(b)	(c)	(d)		
	INDUSTRY 1381.--DRILLING OIL AND GAS WELLS INDUSTRY 1389.--OIL AND GAS FIELD SERVICES, N.E.C.						
	Selected supplies, and purchased machinery installed, total.....	471	369	840	549	(X)	(X)
	Data requested in census of mineral industries:						
	Purchased machinery installed.....	201	111	312	156	(X)	(X)
	Supplies specified by kind ⁵	48	14	62	32	(X)	(X)
	Supplies, and purchased machinery installed, n.s.k. ³	58	69	127	70	(X)	(X)
	Supplies requested in MA-131 Survey (census code 970099).....	164	175	340	291	(X)	(X)
	Estimates based on the MA-131 Survey:						
14000	Nonmetallic minerals ⁴	(NA)	(NA)	(NA)	5	(X)	(X)
14420	Construction sand and gravel ⁴	(2)	(2-5)	(2-5)	(NA)	88	(X)
24010	Lumber ⁴	(NA)	(NA)	(NA)	1	(X)	(X)
28011	Industrial chemicals, except drilling fluids.....	2	33	35	-	35	1
28991	Drilling fluids, drilling mud and drilling mud materials, mud thinners, thickeners, and purifiers.....	17	5	22	660	10	17
28510	Paints and allied products ⁴	(NA)	(NA)	(NA)	3	(X)	(X)
29000	Lubricating oils and grease, including hydraulic oils.....	10	6	17	17	14	17
30110	Tires and inner tubes ⁴	(NA)	(NA)	(NA)	3	(X)	(X)
30600	Other rubber and plastic products, including hose and belting ⁴	(NA)	(NA)	(NA)	2	(X)	(X)
32410	Cement.....	7	45	52	60	10	1
33000	Primary metals, n.s.k. ⁴	(NA)	(NA)	(NA)	3	(X)	(X)
34230	Handtools ⁴	1	(under 2)	(2-5)	4	20	(X)
34902	Valves and pipe fittings.....	7	3	10	14	10	1
35000	Machinery, except electrical, n.s.k. ⁴	(NA)	(NA)	(NA)	53	(X)	(X)
35331	Drill bits and reamers ⁴	40	6	45	(NA)	10	36
35332	Parts and attachments for oil- and gas-field machinery, except those listed above, including parts and attachments for power-transmission equipment, for pumps and compressors, etc. ⁴ ...	48	40	88	(NA)	10	1
36790	Electronic components, n.e.c. ⁴	(NA)	(NA)	(NA)	3	(X)	(X)
37140	Motor vehicle parts and accessories ⁴	(NA)	(5-10)	(5-10)	(NA)	(X)	(X)
38610	Photographic equipment and supplies ⁴	(NA)	(5-10)	(5-10)	(NA)	(X)	(X)
49410	Water purchased.....	7	1	7	6	14	50
91380	Other materials previously specified on the census report form ⁵	1	3	4	(NA)	(X)	(X)
99999	All other supplies, not listed above, including \$7 million for nonsupplies for 1972.....	25	16	41	57	(X)	(X)
	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a			
		1972	1967	(a)	(b)		
		(a)	(b)				
	INDUSTRY 1422.--CRUSHED AND BROKEN LIMESTONE						
	Selected supplies, minerals received for preparation, and purchased machinery installed, total.....	268	182				(X)
	Data requested in census of mineral industries:						
	Minerals received for preparation.....	11	9				(X)
	Purchased machinery, installed.....	87	61				(X)
	Supplies specified by kind.....	48	33				(X)
	Supplies, minerals received for preparation and purchased machinery installed, n.s.k. ³	40	(²)				(X)
	Supplies requested in the MA-131 Survey (census code 970099).....	82	78				(X)
	Estimates based on the MA-131 Survey:						
26433	Paper shipping sacks ⁴	33	(NA)				32
28011	Industrial chemicals, chemical reagents, calcium chloride, fatty acids, etc.....	1	3				57
28700	Agricultural chemicals ⁴	(under 2)	(NA)				(X)
29000	Lubricating oils and greases, including hydraulic oils.....	6	5				22
30110	Tires and inner tubes ⁴	1	NA				44
33000	Primary metals, n.s.k. ⁴	(NA)	6				(X)
33200	Iron and steel castings.....	6	5				41
34000	Fabricated metal products, n.s.k. ⁴	(NA)	4				(X)
34230	Handtools ⁴	(under 2)	(NA)				(X)
35000	Machinery, except electrical, n.s.k. ⁴	(NA)	4				(X)
35300	Parts and attachments, except those listed elsewhere for construction, mining, and conveying equipment, and for mineral preparation machinery and equipment ⁴	43	(NA)				10
35331	Drill bits and reamers ⁴	2	(NA)				22
49410	Water purchased ⁴	(under 2)	(NA)				(X)
91422	Other materials previously specified on the census report form.....	2	(NA)				(X)
99999	All other supplies, not listed above, including \$3 million for nonsupplies for 1972.....	17	51				(X)

See footnotes at end of table.

Supplies Consumed by Kind for Selected Mineral Industries: 1972 and 1967—Continued

(Data shown parenthetically are ranges expressed in millions of dollars)

1972 code	Industry and material	Delivered cost (million dollars)		Relative standard error ¹ for column a
		1972	1967	
		(a)	(b)	
	INDUSTRY 1442.--CONSTRUCTION SAND AND GRAVEL			
	Selected supplies, minerals received for preparation, and purchased machinery installed, total.....	232	160	(X)
	Data requested in census of mineral industries:			
	Minerals received for preparation.....	18	10	(X)
	Purchased machinery installed.....	63	54	(X)
	Supplies specified by kind.....	18	9	(X)
	Supplies, minerals received for preparation, and purchased machinery installed, n.s.k. ³	80	33	(X)
	Supplies requested in MA-131 Survey (census code 970099).....	53	54	(X)
	Estimates based on the MA-131 Survey:			
26430	Paper shipping sacks ⁴	(under 2)	(NA)	(X)
29000	Lubricating oils and greases, including hydraulic oils.....	3	27	73
29510	Liquid asphalt ⁴	(5-10)	(NA)	(X)
30600	Other rubber and plastic products, including hose and belting ⁴	(NA)	2	(X)
33200	Iron and steel castings.....	3	3	57
35000	Machinery, except electrical, n.s.k. ⁴	(NA)	2	(X)
35300	Parts and attachments, except those listed elsewhere, for construction, mining, and conveying equipment, and for mineral preparation machinery and equipment ⁴	24	(NA)	10
99999	All other supplies, not listed above, including \$2 million for nonsupplies for 1972.....	15	20	(X)
	INDUSTRY 1474.--POTASH, SODA, AND BORATE MINERALS ⁹			
	INDUSTRY 1475.--PHOSPHATE ROCK ⁹			
	INDUSTRY 1477.--SULFUR ⁹			
	Selected supplies, minerals received for preparation, and purchased machinery installed, total.....	155	190	(X)
	Data requested in census of mineral industries:			
	Minerals received for preparation.....	(D)	752	(X)
	Purchased machinery installed.....	59	61	(X)
	Supplies specified by kind.....	12	9	(X)
	Supplies, minerals received for preparation, and purchased machinery installed, n.s.k. ³	(D)	(²)	(X)
	Supplies requested in MA-131 Survey (census code 970099).....	60	68	(X)
	Estimates based on the MA-131 Survey:			
24210	Lumber ⁴	(under 2)	1	(X)
26433	Paper shipping sacks.....	1	3	1
28011	Industrial chemicals, chemical reagents, calcium chloride, fatty acids, etc.....	16	16	7
29000	Lubricating oils and greases, including hydraulic oils.....	2	1	3
30110	Tires and innertubes.....	1	1	47
33000	Primary metals, n.s.k. ⁴	(NA)	1	(X)
33200	Iron and steel castings.....	1	2	7
33500	Nonferrous metal mill shapes and forms.....	(under 2)	1	(X)
34090	Fabricated metal products, wire rope, handtools, structural steel, screw-machine products, valves and pipe fittings, etc.....	5	3	1
35000	Machinery, except electrical, n.s.k. ⁴	(NA)	8	(X)
35300	Parts and attachments, except those listed elsewhere, for construction, mining, and conveying equipment, and for mineral preparation machinery and equipment ⁴	20	(NA)	1
35331	Drill bits and reamers ⁴	2	(NA)	4
36000	Electrical equipment and supplies, n.s.k. ⁴	(under 2)	1	(X)
49410	Water purchased ⁴	(under 2)	-	(X)
99999	All other supplies not listed above.....	10	30	(X)

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
(Z) Less than half the unit of measurement shown.

¹Estimates having associated relative standard errors exceeding 15 percent are of limited reliability. However, they may be combined into broader aggregates which are of acceptable reliability. See Explanatory Text for methodology. The 1972 standard errors may be used as approximations of the relative errors for the 1967 estimates. This general relationship may not hold for specific supplies costs estimates due to the difference in the 2 sample designs.

²Not shown separately; included with "Supplies requested in the MA-131 Survey (census code 970099)."

³Represents the total cost of supplies or fuels for establishments that did not report detailed supplies data in the census and also includes estimates for establishments that were not mailed report forms.

⁴This material code was not printed on the survey form. Data represents detail information some establishments listed under "Other important supplies."

⁵The detail cost of supplies as reported in the census of mineral industries is understated by the amount shown in "Other supplies previously specified on the Census report form."

⁶Excludes drilling fluids.

⁷Primarily drilling mud, but includes \$1 million of antifreeze.

⁸Represents phosphate rock only.

⁹Combined to avoid disclosing figures of individual companies.

Selected Metalworking Operations

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EXPLANATORY TEXT

The 1972 Census of Manufactures included a special inquiry on "Selected metalworking and related operations" to provide a measurement of employment in certain metalworking and related facilities in manufacturing. The following operations were included in this inquiry: Foundry (iron and steel); foundry (nonferrous, except die casting); die casting (nonferrous metal only); forging—presses, hammers, or upsetters (excluding manufacture of nuts, bolts, etc.); electroplating and other plating; galvanizing and other hot-dip coating; heat treating of metals for production purposes; automatic screw machine department; machine shop; tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling; pattern shop (foundry patterns only—metal, wood, etc.); plate or structural fabrication; stamping, blanking, and forming of metals; painting, lacquering, and enameling on metals; plastics molding; assembly of product; shipping department (including packing and crating); hot forging—presses, hammers, or upsetters, excluding manufacture of nuts, bolts, etc; cold forging; and powder metallurgy.

Data on the number of establishments and the number of production workers engaged in specific metalworking operations are shown in table 1A for each of approximately 140 industries included in this special inquiry. The size distribution data in table 1A is based on the number of production workers usually employed in the operation. The number of production workers engaged in these operations is shown for 18 selected operations by industry in table 1B and for 19 selected operations by geographic division and State in table 2.

Information on selected metalworking operations was obtained for practically all industries where such operations are important. For individual industries or groups of in-

dustries, the inquiry on metalworking and related operations was tailored to fit the principal operations that were characteristic of those industries.

Since establishments with less than 10 employees were typically excused from filing reports, these establishments are not included in the metalworking operations data. (See the introduction for further explanation.) Also a few larger establishments that filed standard forms did not report their metalworking operations. This has resulted in an understatement of the number of establishments performing specific operations, primarily in the smallest size class, and to a much smaller degree in an understatement of the number of production workers in the operation.

An approximation of the coverage for each industry is given in table 1C. The coverage is generally highest in industries in which larger establishments have predominance. Similar percentages are not available for geographic divisions and States, although coverage ranges for significant metalworking States would range between 85 and 95 percent.

For the forging industries (SIC 3462 and SIC 3463), table 1A contains separate data for hot forging—presses, hammers, or upsetters (excluding manufacture of nuts, bolts, etc.), and cold forging. These data are included with operation entitled "forging—presses, hammers, or upsetters," in tables 1B and 2.

Since the report form used by respondents in Industry 3471, Plating and Polishing, did not include the metalworking inquiry, the total number of production workers for establishments classified in Industry 3471 are shown separately in table 2. Plating and polishing operations performed by establishments classified in Industry 3471 are excluded from tables 1A, 1B, and 1C.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹ (number)
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	
3321	Gray iron foundries:					
	Ferrous foundry ³	640	24	98	518	91,511
	Nonferrous foundry (except die casting).....	57	27	18	12	1,044
	Nonferrous die casting.....	2	1	1	-	(D)
	Machine shop.....	184	56	79	49	4,556
	Foundry pattern shop.....	255	177	64	14	1,526
3322	Malleable iron foundries:					
	Ferrous foundry ³	59	6	3	50	16,622
	Nonferrous foundry (except die casting).....	4	2	1	1	(D)
	Machine shop.....	13	1	6	6	599
	Foundry pattern shop.....	36	14	21	1	289
3324	Steel investment foundries:					
	Ferrous foundry ³	57	8	22	27	3,210
	Nonferrous foundry (except die casting).....	18	8	8	2	255
	Nonferrous die casting.....	1	-	1	-	(D)
	Machine shop.....	26	15	7	4	419
	Foundry pattern shop.....	22	10	10	2	190
3325	Steel foundries, n.e.c.:					
	Ferrous foundry ³	162	11	11	140	26,420
	Nonferrous foundry.....	20	4	7	9	539
	Machine shop.....	64	14	26	24	2,239
	Foundry pattern shop.....	90	45	34	11	797
3361	Aluminum foundries:					
	Ferrous foundry.....	18	4	8	6	413
	Nonferrous foundry (except die casting) ³	343	49	153	141	11,501
	Nonferrous die casting ³	146	13	30	103	13,310
	Machine shop.....	144	66	50	28	2,483
	Foundry pattern shop.....	126	87	33	6	657
3362	Brass, bronze, and copper foundries:					
	Ferrous foundry.....	16	6	4	6	331
	Nonferrous foundry (except die casting) ³	236	28	114	94	5,825
	Nonferrous die casting ³	18	6	7	5	356
	Machine shop.....	78	26	37	15	1,416
	Foundry pattern shop.....	53	42	10	1	197
3369	Nonferrous foundries, n.e.c.:					
	Ferrous foundry.....	8	3	2	3	176
	Nonferrous foundry (except die casting) ³	23	8	3	12	1,096
	Nonferrous die casting ³	128	10	40	78	8,002
	Machine shop.....	45	21	18	6	633
	Foundry pattern shop.....	10	3	6	1	126
3411	Metal cans:					
	Machine shop.....	223	67	93	63	3,877
	Tool and die shop.....	29	16	11	2	229
	Plate or structural fabrication.....	35	4	9	22	2,619
	Stamping, blanking, and forming of metals.....	217	15	51	151	20,940
	Painting, lacquering, and enameling of metals.....	147	19	52	76	4,748
3412	Metal barrels, drums, and pails:					
	Machine shop.....	54	26	23	5	400
	Tool and die shop.....	4	4	-	-	5
	Plate or structural fabrication.....	6	1	3	2	134
	Stamping, blanking, and forming of metals.....	86	11	41	34	2,379
	Painting, lacquering, and enameling of metals.....	97	54	38	5	630
3421	Cutlery:					
	Ferrous foundry.....	1	-	-	1	(D)
	Forging--presses, hammers, or upsetters.....	20	13	6	1	112
	Electroplating and other plating.....	16	8	5	3	169
	Heat treating of metals.....	35	24	9	2	219
	Automatic screw machine department.....	3	1	2	-	(D)
	Machine shop.....	30	15	12	3	329
	Tool and die shop.....	27	18	6	3	249
	Stamping, blanking, and forming of metals.....	48	21	20	7	536
	Painting, lacquering, and enameling of metals.....	18	15	3	-	48
3423	Hand, and edge tools, n.e.c.:					
	Ferrous foundry.....	2	1	1	-	D
	Forging--presses, hammers, or upsetters.....	85	22	33	30	1,796
	Electroplating and other plating.....	51	24	18	9	577
	Heat treating of metals.....	143	99	34	10	828
	Automatic screw machine department.....	74	41	25	8	689
	Machine shop.....	189	69	78	42	4,418
	Tool and die shop.....	111	52	36	23	1,366
	Stamping, blanking, and forming of metals.....	147	77	51	19	1,997
	Painting, lacquering, and enameling of metals.....	143	109	30	4	641

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3425	Handsaws and saw blades: Forging--presses, hammers, or upsetters..... Electroplating and other plating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	3 9 26 2 28 11 29 18	2 5 11 1 6 6 12 12	- 3 10 1 17 3 10 6	1 1 5 - 5 2 7 -	(D) 76 273 (D) 411 111 531 68
3429	Hardware, n.e.c.: Ferrous foundry..... Nonferrous foundry (except die casting)..... Nonferrous die casting..... Forging--presses, hammers, or upsetters..... Electroplating and other plating..... Galvanizing and other hot-dip coating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	8 39 51 24 124 9 38 88 250 234 23 31 330 215	3 13 11 11 44 7 32 45 93 117 18 15 118 137	4 18 19 7 50 2 5 32 104 91 5 11 110 60	1 8 21 6 30 - 1 11 53 26 - 5 102 18	178 536 1,637 441 2,920 40 129 845 4,236 3,037 72 472 12,447 1,807
3431	Metal sanitary ware: Ferrous foundry..... Nonferrous foundry (except die casting)..... Electroplating and other plating..... Galvanizing and other hot-dip coating..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	8 1 2 2 2 14 7 7 1 23 21	- - - 1 - 5 4 - - 3 7 7	- - - 1 1 7 3 7 - 13 1	8 1 2 (D) (D) (D) (D) - 1 7 13 13	1,642 (D) (D) (D) (D) 247 46 85 (D) 890 1,348
3432	Plumbing fittings and brass goods: Ferrous foundry..... Nonferrous foundry (except die casting)..... Forging--presses, hammers, or upsetters..... Electroplating and other plating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	3 24 3 41 10 22 62 39 16 5 32 15	- 3 2 10 9 8 15 24 12 1 12 10	1 9 - 22 1 11 28 13 4 3 15 5	2 12 1 9 - 3 19 2 - 1 5 -	(D) 720 (D) 764 25 295 1,354 263 53 98 421 42
3433	Heating equipment, except electric: Ferrous foundry..... Electroplating and other plating..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals..... Assembly of product..... Shipping department, including packing and crating....	11 3 8 82 45 11 45 100 113 8 8	- 1 6 36 31 6 20 36 83 1 3	- 2 2 29 12 4 16 31 25 2 4	11 - - 17 2 1 9 33 13 5 1	1,368 (D) 32 1,309 245 80 710 2,905 744 (D) 178
3441	Fabricated structural metal: Ferrous foundry..... Nonferrous foundry (except die casting)..... Forging--presses, hammers, or upsetters..... Electroplating and other plating..... Galvanizing and other hot-dip coating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication ³ Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	8 3 16 4 19 32 1 194 41 20 797 227 501	- 2 13 3 6 27 1 119 32 15 116 121 401	3 1 3 1 4 5 - 58 7 3 333 74 84	5 - - 9 - - - 17 2 2 348 32 16	287 19 45 15 383 87 (D) 1,559 195 156 32,101 2,745 2,034

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3442	Metal doors, sash, and trim:					
	Ferrous foundry.....	2	-	1	1	(D)
	Nonferrous foundry (except die casting).....	5	3	1	1	46
	Forging--presses, hammers, or upsetters.....	6	1	2	3	120
	Electroplating and other plating.....	13	1	6	6	260
	Galvanizing and other hot-dip coating.....	10	3	5	2	108
	Heat treating of metals.....	15	10	5	-	54
	Machine shop.....	82	52	22	8	560
	Tool and die shop.....	61	43	17	1	242
	Foundry pattern shop.....	4	3	1	-	13
	Plate or structural fabrication.....	38	11	17	10	1,028
	Stamping, blanking, and forming of metals.....	155	51	48	56	4,222
	Painting, lacquering, and enameling of metals.....	139	89	42	8	894
3443	Fabricated platework (boiler shops):					
	Ferrous foundry.....	5	2	1	2	(D)
	Nonferrous foundry (except die casting).....	2	1	1	-	(D)
	Forging--presses, hammers, or upsetters.....	15	8	5	2	287
	Electroplating and other plating.....	7	6	1	-	17
	Galvanizing and other hot-dip coating.....	10	3	6	1	115
	Heat treating of metals.....	65	52	11	2	269
	Automatic screw machine department.....	1	-	1	-	(D)
	Machine shop.....	272	133	102	37	3,841
	Tool and die shop.....	35	19	15	1	205
	Foundry pattern shop.....	10	4	4	2	(D)
	Plate or structural fabrication ³	543	73	224	246	22,241
	Stamping, blanking, and forming of metals.....	240	119	94	27	2,474
	Painting, lacquering, and enameling of metals.....	349	287	56	6	1,305
3444	Sheet metalwork:					
	Ferrous foundry.....	1	1	-	-	(D)
	Forging--presses, hammers, or upsetters.....	9	6	3	-	34
	Electroplating and other plating.....	8	7	1	-	18
	Galvanizing and other hot-dip coating.....	19	10	7	2	147
	Heat treating of metals.....	9	7	1	1	100
	Automatic screw machine department.....	2	1	1	-	(D)
	Machine shop.....	211	153	46	12	1,093
	Tool and die shop.....	91	69	21	1	349
	Foundry pattern shop.....	3	3	-	-	4
	Plate or structural fabrication.....	214	90	88	36	3,358
	Stamping, blanking, and forming of metals.....	636	190	273	173	13,906
	Painting, lacquering, and enameling of metals.....	299	226	58	15	1,340
3446	Architectural metalwork:					
	Nonferrous foundry (except die casting).....	4	1	3	-	22
	Forging--presses, hammers, or upsetters.....	14	11	3	-	49
	Electroplating and other plating.....	9	6	3	-	50
	Galvanizing and other hot-dip coating.....	3	1	2	-	(D)
	Heat treating of metals.....	5	4	1	-	16
	Machine shop.....	40	26	11	3	247
	Tool and die shop.....	17	11	5	1	89
	Foundry pattern shop.....	3	2	1	-	13
	Plate or structural fabrication.....	130	55	60	15	1,587
	Stamping, blanking, and forming of metals.....	92	47	24	21	1,478
	Painting, lacquering, and enameling of metals.....	189	175	13	1	487
3448	Prefabricated metal buildings:					
	Forging--presses, hammers, or upsetters.....	1	1	-	-	(D)
	Electroplating and other plating.....	1	-	1	-	(D)
	Galvanizing and other hot-dip coating.....	2	1	1	-	(D)
	Machine shop.....	18	11	5	2	137
	Tool and die shop.....	5	3	1	1	47
	Foundry pattern shop.....	1	-	1	-	(D)
	Plate or structural fabrication.....	40	6	15	19	1,972
	Stamping, blanking, and forming of metals.....	43	7	17	19	1,237
	Painting, lacquering, and enameling of metals.....	50	26	17	7	481
3449	Miscellaneous metalwork:					
	Forging--presses, hammers, or upsetters.....	1	-	1	-	(D)
	Electroplating and other plating.....	1	-	-	1	(D)
	Galvanizing and other hot-dip coating.....	2	1	1	-	(D)
	Heat treating of metals.....	3	1	2	-	17
	Automatic screw machine department.....	2	1	1	-	(D)
	Machine shop.....	25	11	12	2	196
	Tool and die shop.....	14	10	3	1	79
	Foundry pattern shop.....	1	1	-	-	(D)
	Plate or structural fabrication.....	48	10	20	18	1,236
	Stamping, blanking, and forming of metals.....	56	14	26	16	1,292
	Painting, lacquering, and enameling of metals.....	34	20	11	3	217

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3451	Screw machine products:					
	Ferrous foundry.....	1	1	-	-	(D)
	Nonferrous foundry (except die casting).....	1	1	-	-	(D)
	Nonferrous die casting.....	2	2	-	-	(D)
	Forging--presses, hammers, or upsetters.....	6	5	-	1	58
	Electroplating and other plating.....	26	19	6	1	113
	Galvanizing and other hot-dip coating.....	2	2	-	-	(D)
	Heat treating of metals.....	36	28	8	-	138
	Automatic screw machine department ³	818	186	426	206	13,520
	Machine shop.....	421	136	199	86	6,484
	Tool and die shop.....	145	115	26	4	550
	Plate or structural fabrication.....	6	3	3	-	39
	Stamping, blanking, and forming of metals.....	68	46	19	3	392
	Painting, lacquering, and enameling of metals.....	18	14	2	2	127
3452	Bolts, nuts, rivets, and washers:					
	Ferrous foundry.....	1	-	1	-	(D)
	Nonferrous die casting.....	8	6	1	1	78
	Forging--presses, hammers, or upsetters.....	22	8	6	8	751
	Electroplating and other plating.....	96	40	46	10	897
	Galvanizing and other hot-dip coating.....	19	12	7	-	80
	Heat treating of metals.....	137	76	51	10	1,080
	Automatic screw machine department.....	144	39	67	38	3,382
	Machine shop.....	212	58	94	60	4,916
	Tool and die shop.....	189	67	88	34	2,665
	Plate or structural fabrication.....	9	2	4	3	233
	Stamping, blanking, and forming of metals.....	179	38	65	76	6,377
	Painting, lacquering, and enameling of metals.....	30	20	8	2	294
3462	Iron and steel forgings:					
	Machine shop.....	103	26	42	35	2,649
	Tool and die shop.....	91	24	34	33	2,387
	Hot forging--presses, hammers, or upsetters ³	136	9	33	94	9,511
	Cold forging ³	17	5	6	6	484
3463	Nonferrous forgings:					
	Machine shop.....	17	5	7	5	372
	Tool and die shop.....	17	6	7	4	379
	Hot forging--presses, hammers, or upsetters ³	24	1	8	15	1,443
	Cold forging ³	4	2	2	-	(D)
3465	Automotive stampings:					
	Nonferrous die casting.....	6	2	2	2	91
	Forging--presses, hammers, or upsetters.....	5	2	2	1	69
	Electroplating and other plating.....	27	9	9	9	504
	Galvanizing and other hot-dip coating.....	4	2	2	-	32
	Heat treating of metals.....	21	11	7	3	219
	Automatic screw machine department.....	10	6	3	1	65
	Machine shop.....	79	33	27	19	1,910
	Tool and die shop.....	214	85	87	42	9,626
	Foundry pattern shop.....	12	2	2	8	(D)
	Plate or structural fabrication.....	8	3	1	4	212
	Stamping, blanking, and forming of metals ³	365	40	105	220	52,211
	Painting, lacquering, and enameling of metals.....	91	34	39	18	1,147
3466	Crowns and closures:					
	Machine shop.....	28	13	11	4	459
	Tool and die shop.....	5	-	5	-	57
	Plate or structural fabrication.....	2	1	-	1	(D)
	Stamping, blanking, and forming of metals.....	37	3	8	26	2,455
	Painting, lacquering, and enameling of metals.....	17	-	9	8	499
3469	Metal stampings, n.e.c.:					
	Nonferrous foundry (except die casting).....	3	2	-	1	(D)
	Nonferrous die casting.....	10	6	3	1	60
	Forging--presses, hammers, or upsetters.....	11	6	3	2	97
	Electroplating and other plating.....	78	42	29	7	645
	Galvanizing and other hot-dip coating.....	15	4	9	2	218
	Heat treating of metals.....	88	72	13	3	392
	Automatic screw machine department.....	36	24	12	-	169
	Machine shop.....	358	210	120	28	2,562
	Tool and die shop.....	637	345	269	23	4,014
	Foundry pattern shop.....	18	13	4	1	84
	Plate or structural fabrication.....	66	32	24	10	600
	Stamping, blanking, and forming of metals ³	1,120	187	542	391	29,046
	Painting, lacquering, and enameling of metals.....	302	182	78	42	3,483

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3482	Small arms ammunition:					
	Forging--presses, hammers, or upsetters.....	1	1	-	-	(D)
	Electroplating and other plating.....	7	3	4	-	43
	Heat treating of metals.....	8	4	1	3	187
	Automatic screw machine department.....	6	2	2	2	109
	Machine shop.....	17	4	6	7	591
	Tool and die shop.....	7	3	2	2	(D)
	Plate or structural fabrication.....	1	1	-	-	(D)
	Stamping, blanking, and forming of metals.....	16	5	3	8	1,643
	Painting, lacquering, and enameling of metals.....	4	3	-	1	(D)
3483	Ammunition, except for small arms, n.e.c.:					
	Forging--presses, hammers, or upsetters.....	14	1	5	8	783
	Electroplating and other plating.....	9	5	4	-	69
	Heat treating of metals.....	24	10	9	5	431
	Automatic screw machine department.....	14	5	5	4	305
	Machine shop.....	45	8	14	23	2,730
	Tool and die shop.....	30	8	13	9	726
	Plate or structural fabrication.....	5	4	-	1	(D)
	Stamping, blanking, and forming of metals.....	26	3	11	12	1,113
	Painting, lacquering, and enameling of metals.....	37	14	15	8	468
3484	Small arms:					
	Forging--presses, hammers, or upsetters.....	5	2	2	1	68
	Electroplating and other plating.....	5	3	-	2	65
	Galvanizing and other hot-dip coating.....	7	6	1	-	26
	Heat treating of metals.....	12	5	2	5	155
	Automatic screw machine department.....	11	2	4	5	366
	Machine shop.....	31	14	6	11	816
	Tool and die shop.....	17	4	7	6	395
	Plate or structural fabrication.....	1	-	1	-	(D)
	Stamping, blanking, and forming of metals.....	15	7	3	5	285
	Painting, lacquering, and enameling of metals.....	7	5	2	-	40
3489	Ordnance and accessories, n.e.c.:					
	Ferrous foundry.....	1	-	-	1	(D)
	Forging--presses, hammers, or upsetters.....	1	-	1	-	(D)
	Electroplating and other plating.....	6	3	1	2	113
	Galvanizing and other hot-dip coating.....	1	-	1	-	(D)
	Heat treating of metals.....	5	-	3	2	100
	Automatic screw machine department.....	5	1	2	2	81
	Machine shop.....	18	5	6	7	1,909
	Tool and die shop.....	7	2	3	2	116
	Plate or structural fabrication.....	3	-	-	3	(D)
	Stamping, blanking, and forming of metals.....	7	3	2	2	(D)
	Painting, lacquering, and enameling of metals.....	7	3	4	-	49
3493	Steel springs, except wire:					
	Forging--presses, hammers, or upsetters.....	15	6	4	5	325
	Heat treating of metals.....	39	14	15	10	677
	Machine shop.....	24	9	11	4	245
	Tool and die shop.....	16	6	8	2	154
	Plate or structural fabrication.....	2	2	-	-	(D)
	Stamping, blanking, and forming of metals.....	29	6	11	12	1,351
	Painting, lacquering, and enameling of metals.....	26	23	3	-	78
3494	Valves and pipe fittings:					
	Ferrous foundry.....	30	1	3	26	4,478
	Nonferrous foundry (except die casting).....	46	8	11	27	2,457
	Forging--presses, hammers, or upsetters.....	24	7	9	8	559
	Electroplating and other plating.....	36	21	14	1	195
	Galvanizing and other hot-dip coating.....	14	7	4	3	156
	Heat treating of metals.....	52	43	8	1	204
	Automatic screw machine department.....	123	55	44	24	2,287
	Machine shop.....	366	60	120	186	17,488
	Tool and die shop.....	156	74	65	17	1,422
	Foundry pattern shop.....	53	27	24	2	352
	Plate or structural fabrication.....	39	15	16	8	704
	Stamping, blanking, and forming of metals.....	77	38	25	14	1,307
	Painting, lacquering, and enameling of metals.....	160	140	18	2	492
3495	Wire springs:					
	Galvanizing and other hot-dip coating.....	4	2	2	-	20
	Heat treating of metals.....	96	82	11	3	367
	Automatic screw machine department.....	5	3	1	1	45
	Machine shop.....	71	47	19	5	421
	Tool and die shop.....	66	44	21	1	316
	Plate or structural fabrication.....	4	2	1	1	(D)
	Stamping, blanking, and forming of metals.....	120	53	38	29	2,415
	Painting, lacquering, and enameling of metals.....	90	82	8	-	206

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3496	Miscellaneous fabricated wire products:					
	Nonferrous die casting.....	1	-	-	1	(D)
	Galvanizing and other hot-dip coating.....	25	14	11	-	138
	Heat treating of metals.....	17	16	-	1	47
	Automatic screw machine department.....	5	3	2	-	17
	Machine shop.....	85	50	34	1	443
	Tool and die shop.....	89	71	18	-	284
	Plate or structural fabrication.....	27	12	9	6	367
	Stamping, blanking, and forming of metals.....	166	61	75	30	2,405
	Painting, lacquering, and enameling of metals.....	114	92	18	4	449
3497	Metal, foil and leaf:					
	Machine shop.....	6	3	-	3	116
	Stamping, blanking, and forming of metals.....	5	2	1	2	(D)
	Painting, lacquering, and enameling of metals.....	4	2	2	-	22
3498	Fabricated pipe and fittings:					
	Ferrous foundry.....	2	-	2	-	(D)
	Nonferrous foundry (except die casting).....	6	1	4	1	59
	Forging--presses, hammers, or upsetters.....	9	2	6	1	84
	Electroplating and other plating.....	12	9	3	-	45
	Galvanizing and other hot-dip coating.....	7	4	3	-	27
	Heat treating of metals.....	23	20	3	-	73
	Automatic screw machine department.....	17	7	9	1	146
	Machine shop.....	70	29	36	5	793
	Tool and die shop.....	25	19	5	1	122
	Foundry pattern shop.....	1	1	-	-	(D)
	Plate or structural fabrication.....	34	10	13	11	918
	Stamping, blanking, and forming of metals.....	43	17	16	10	667
	Painting, lacquering, and enameling of metals.....	34	27	7	-	109
3499	Fabricated metal products, n.e.c.:					
	Ferrous foundry.....	9	1	2	6	318
	Nonferrous foundry (except die casting).....	14	5	6	3	222
	Nonferrous die casting.....	14	9	4	1	85
	Forging--presses, hammers, or upsetters.....	15	9	4	2	116
	Electroplating and other plating.....	35	22	12	1	194
	Galvanizing and other hot-dip coating.....	7	6	1	-	23
	Heat treating of metals.....	45	30	12	3	272
	Automatic screw machine department.....	24	20	4	-	84
	Machine shop.....	264	140	94	30	2,576
	Tool and die shop.....	145	104	33	8	722
	Foundry pattern shop.....	23	20	3	-	59
	Plate or structural fabrication.....	200	50	99	51	3,968
	Stamping, blanking, and forming of metals.....	396	140	174	82	21,817
	Painting, lacquering, and enameling of metals.....	303	224	62	17	(D)
3511	Turbines and turbine generator sets:					
	Ferrous foundry.....	2	1	1	-	(D)
	Nonferrous foundry (except die casting).....	1	-	-	1	(D)
	Forging--presses, hammers, or upsetters.....	6	1	3	2	142
	Electroplating and other plating.....	3	2	1	-	(D)
	Heat treating of metals.....	14	7	3	4	197
	Automatic screw machine department.....	4	3	-	1	(D)
	Machine shop.....	35	4	6	25	8,563
	Tool and die shop.....	18	1	9	8	856
	Foundry pattern shop.....	6	2	2	2	96
	Plate or structural fabrication.....	17	3	1	13	2,452
	Stamping, blanking, and forming of metals.....	9	-	3	6	439
	Painting, lacquering, and enameling of metals.....	18	10	6	2	201
	Assembly of product.....	24	2	5	17	3,946
3519	Internal combustion engines, n.e.c.:					
	Ferrous foundry.....	8	-	-	8	784
	Nonferrous foundry (except die casting).....	7	3	1	3	250
	Nonferrous die casting.....	3	-	-	3	798
	Electroplating and other plating.....	15	7	4	4	244
	Heat treating of metals.....	27	12	7	8	474
	Automatic screw machine department.....	21	7	8	6	627
	Machine shop.....	83	15	22	46	19,328
	Tool and die shop.....	50	18	16	16	1,402
	Foundry pattern shop.....	7	4	3	-	33
	Plate or structural fabrication.....	8	1	2	5	315
	Stamping, blanking, and forming of metals.....	28	6	9	13	935
	Painting, lacquering, and enameling of metals.....	55	30	17	8	464
	Assembly of product.....	63	9	8	46	9,834
3523	Farm machinery and equipment:					
	Ferrous foundry.....	23	1	8	14	4,966
	Nonferrous foundry (except die casting).....	6	2	4	-	35
	Forging--presses, hammers, or upsetters.....	55	26	16	13	1,082
	Heat treating of metals.....	75	45	18	12	952
	Automatic screw machine department.....	43	25	12	6	509
	Machine shop.....	386	193	126	67	12,641
	Tool and die shop.....	185	126	36	23	2,007
	Foundry pattern shop.....	25	17	5	3	204
	Plate or structural fabrication.....	210	82	83	45	4,194

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹ (number)
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	
3523	Farm machinery and equipment--Continued					
	Stamping, blanking, and forming of metals.....	379	159	140	80	7,511
	Painting, lacquering, and enameling of metals.....	497	379	90	28	2,881
	Assembly of product.....	475	149	190	136	15,120
	Shipping department, including packing and crating....	446	301	112	33	3,678
3524	Lawn and garden equipment:					
	Ferrous foundry.....	3	1	1	1	(D)
	Nonferrous foundry (except die casting).....	3	1	1	1	(D)
	Forging--presses, hammers, or upsetters.....	6	1	3	2	141
	Heat treating of metals.....	24	18	5	1	123
	Automatic screw machine department.....	17	12	2	3	150
	Machine shop.....	65	24	23	18	1,589
	Tool and die shop.....	49	22	25	2	366
	Foundry pattern shop.....	3	3	-	-	4
	Plate or structural fabrication.....	13	4	7	2	271
	Stamping, blanking, and forming of metals.....	70	27	22	21	1,288
	Painting, lacquering, and enameling of metals.....	79	46	26	7	671
	Assembly of product.....	80	15	21	44	5,488
	Shipping department, including packing and crating....	79	41	30	8	607
3531	Construction machinery:					
	Ferrous foundry.....	16	1	3	12	2,105
	Nonferrous foundry (except die casting).....	4	-	4	-	40
	Forging--presses, hammers, or upsetters.....	20	7	9	4	463
	Heat treating of metals.....	68	41	17	10	1,322
	Automatic screw machine department.....	14	8	1	5	336
	Machine shop.....	292	75	95	122	24,032
	Tool and die shop.....	112	60	35	17	1,857
	Foundry pattern shop.....	27	17	9	1	141
	Plate or structural fabrication.....	232	42	69	121	14,682
	Stamping, blanking, and forming of metals.....	143	54	51	38	4,049
	Painting, lacquering, and enameling of metals.....	289	192	73	24	2,805
	Assembly of product.....	282	56	93	133	15,150
3532	Mining machinery:					
	Ferrous foundry.....	7	2	1	4	415
	Nonferrous foundry (except die casting).....	1	1	-	-	(D)
	Forging--presses, hammers, or upsetters.....	16	9	6	1	101
	Heat treating of metals.....	36	25	8	3	262
	Automatic screw machine department.....	10	6	3	1	71
	Machine shop.....	105	32	36	37	3,517
	Tool and die shop.....	24	16	6	2	207
	Foundry pattern shop.....	12	8	4	-	51
	Plate or structural fabrication.....	65	18	26	21	2,365
	Stamping, blanking, and forming of metals.....	18	11	5	2	116
	Painting, lacquering, and enameling of metals.....	78	60	17	1	258
	Assembly of product.....	79	28	26	25	1,794
3533	Oilfield machinery:					
	Ferrous foundry.....	6	2	1	3	277
	Nonferrous foundry (except die casting).....	3	2	-	1	(D)
	Forging--presses, hammers, or upsetters.....	23	8	9	6	631
	Heat treating of metals.....	50	34	10	6	490
	Automatic screw machine department.....	7	4	3	-	27
	Machine shop.....	133	20	51	62	9,864
	Tool and die shop.....	43	19	17	7	705
	Plate or structural fabrication.....	62	21	16	25	1,980
	Stamping, blanking, and forming of metals.....	22	11	9	2	157
	Painting, lacquering, and enameling of metals.....	90	65	22	3	416
3534	Elevators and moving stairways:					
	Ferrous foundry.....	1	1	-	-	(D)
	Forging--presses, hammers, or upsetters.....	2	-	2	-	(D)
	Heat treating of metals.....	3	1	2	-	18
	Automatic screw machine department.....	5	3	1	1	42
	Machine shop.....	56	21	18	17	1,351
	Tool and die shop.....	22	15	3	4	227
	Foundry pattern shop.....	1	-	1	-	(D)
	Plate or structural fabrication.....	57	17	29	11	889
	Stamping, blanking, and forming of metals.....	35	12	13	10	579
	Painting, lacquering, and enameling of metals.....	66	47	15	4	358
3535	Conveyors and conveying equipment:					
	Ferrous foundry.....	5	-	2	3	267
	Nonferrous foundry (except die casting).....	1	-	-	1	(D)
	Forging--presses, hammers, or upsetters.....	10	8	-	2	71
	Heat treating of metals.....	13	12	1	-	26
	Automatic screw machine department.....	16	8	8	-	75
	Machine shop.....	181	97	56	28	1,921
	Tool and die shop.....	43	27	14	2	254
	Foundry pattern shop.....	8	5	2	1	66
	Plate or structural fabrication.....	179	46	72	61	3,688
	Stamping, blanking, and forming of metals.....	128	71	43	14	1,114
	Painting, lacquering, and enameling of metals.....	192	167	24	1	588

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹ (number)
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	
3536	Hoists, cranes, and monorails: Forging--presses, hammers, or upsetters..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals..... Assembly of product.....	5 10 10 71 20 4 67 29 73 65	3 7 5 24 7 3 24 15 59 22	1 1 4 25 9 1 20 9 13 27	1 2 1 22 4 - 23 5 1 16	46 85 98 1,994 248 11 2,398 358 241 1,566
3537	Industrial trucks and tractors: Ferrous foundry..... Forging--presses, hammers, or upsetters..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	3 6 17 11 97 31 3 97 81 123	- 4 13 9 40 16 3 28 39 100	1 1 3 1 27 9 - 41 31 18	2 1 1 1 30 6 - 28 11 5	74 43 73 48 3,252 387 5 2,496 920 476
3541	Machine tools, metal-cutting types: Ferrous foundry..... Nonferrous foundry (except die casting)..... Forging--presses, hammers, or upsetters..... Electroplating and other plating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	9 2 2 14 55 55 316 103 17 50 26 132	- 2 1 12 34 21 73 41 8 26 15 98	2 - 1 2 19 26 133 52 7 21 10 30	7 - - - 2 8 110 10 2 3 1 4	831 (D) (D) 51 406 594 15,767 1,250 155 396 155 525
3542	Machine tools, metal-forming types: Ferrous foundry..... Nonferrous foundry (except die casting)..... Nonferrous die casting..... Forging--presses, hammers, or upsetters..... Electroplating and other plating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	6 1 1 4 2 43 20 164 62 15 53 26 79	2 1 - 4 2 37 13 34 32 12 31 14 66	1 - 1 - - 5 7 53 21 2 13 10 12	3 - - - - 1 - 77 9 1 9 2 1	197 (D) (D) 9 (D) 132 94 8,707 611 62 1,192 161 243
3544	Special dies, tools, jigs, and fixtures: Ferrous foundry..... Nonferrous foundry (except die casting)..... Nonferrous die casting..... Forging--presses, hammers, or upsetters..... Electroplating and other plating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals..... Powder metallurgy.....	7 25 24 11 30 166 66 923 1,511 72 99 389 69 11	2 15 13 8 29 153 49 253 344 38 68 254 65 8	3 9 8 2 1 8 12 511 877 27 28 115 3 2	2 1 3 1 - 5 5 159 290 7 3 20 1 1	161 177 286 53 50 437 463 14,216 25,007 809 533 2,505 172 95
3545	Machine tool accessories: Ferrous foundry..... Nonferrous foundry (except die casting)..... Nonferrous die casting..... Forging--presses, hammers, or upsetters..... Electroplating and other plating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals..... Powder metallurgy.....	2 4 2 5 37 118 67 288 120 1 13 46 34 35	1 2 1 3 29 78 45 59 46 - 10 25 31 14	1 2 1 1 7 35 16 136 54 1 2 15 3 11	- - - 1 1 5 6 93 20 - 1 6 - 10	(D) 30 (D) (D) 136 536 486 7,871 1,624 (D) 57 589 73 1,287

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹ (number)
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	
3546	Power driven hand tools: Nonferrous foundry (except die casting)..... Nonferrous die casting..... Forging--presses, hammers, or upsetters..... Electroplating and other plating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	3 3 4 7 23 29 57 28 2 1 19 24	2 2 2 5 15 12 16 11 2 1 13 18	- 1 2 2 7 7 18 15 - - 6 5	1 - - - 1 10 23 2 - - - 1	(D) (D) 23 35 145 555 3,555 276 (D) (D) (D) 92 103
3547	Rolling mill machinery: Ferrous foundry..... Forging--presses, hammers, or upsetters..... Electroplating and other plating..... Heat treating of metals..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, or enameling of metals..... Powder metallurgy.....	3 1 1 9 30 6 5 13 2 9 1	- - 1 5 2 - 2 3 1 7 1	- - - 1 15 4 3 2 1 2 -	3 1 - 3 13 2 - 8 - - -	584 (D) (D) 168 2,921 77 45 607 (D) 37 (D)
3549	Metalworking machinery, n.e.c.: Ferrous foundry..... Nonferrous foundry (except die casting)..... Nonferrous die casting..... Forging--presses, hammers, or upsetters..... Electroplating and other plating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals..... Powder metallurgy.....	1 1 3 1 5 10 27 109 46 3 35 34 59 3	- 1 3 - 5 9 15 26 23 3 20 22 50 1	1 - - 1 - 1 9 51 16 - 14 10 8 2	- - - - - - 3 32 7 - 1 2 1 -	(D) (D) 6 (D) 14 22 270 2,200 444 3 193 231 155 (D)
3551	Food products machinery: Ferrous foundry..... Nonferrous foundry (except die casting)..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	10 6 30 24 270 60 15 142 123 175	1 2 27 20 85 45 11 46 63 159	4 2 2 3 113 12 3 58 49 12	5 2 1 1 72 3 1 38 11 4	310 73 86 91 5,784 239 68 2,592 993 530
3552	Textile machinery: Ferrous foundry..... Nonferrous foundry (except die casting)..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	15 6 49 37 199 50 25 60 75 99	1 4 35 21 46 27 22 25 37 82	1 1 14 12 92 14 3 22 27 16	13 1 - 4 61 9 - 13 11 1	878 51 207 349 8,540 584 88 868 711 312
3553	Woodworking machinery: Ferrous foundry..... Nonferrous die casting..... Electroplating and other plating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	9 3 9 20 10 112 28 6 53 30 73	1 2 4 15 7 28 14 6 23 18 63	5 - 5 5 2 53 12 - 22 7 7	3 1 - - 1 31 2 - 8 5 3	212 (D) 77 78 82 3,320 242 12 672 276 271
3554	Paper industries machinery: Ferrous foundry..... Nonferrous foundry (except die casting)..... Machine shop..... Tool and die shop..... Foundry pattern shop..... Plate or structural fabrication..... Painting, lacquering, and enameling of metals.....	5 2 116 19 12 47 61	- 2 16 11 9 22 54	1 - 43 7 2 14 7	4 - 57 1 1 11 -	408 (D) 4,780 123 57 667 153

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3555	Printing trades machinery:					
	Ferrous foundry.....	3	1	-	2	(D)
	Nonferrous foundry (except die casting).....	5	-	-	-	11
	Heat treating of metals.....	16	15	1	-	38
	Automatic screw machine department.....	21	14	5	2	153
	Machine shop.....	115	32	52	31	4,028
	Tool and die shop.....	33	20	11	2	198
	Foundry pattern shop.....	14	12	2	-	38
	Plate or structural fabrication.....	24	16	7	1	244
	Stamping, blanking, and forming of metals.....	32	26	5	1	135
	Painting, lacquering, and enameling of metals.....	65	53	11	1	216
3559	Special industry machinery, n.e.c.:					
	Ferrous foundry.....	21	4	5	12	976
	Nonferrous foundry (except die casting).....	12	7	3	2	107
	Forging--presses, hammers, or upsetters.....	6	4	1	1	44
	Electroplating and other plating.....	19	13	6	-	75
	Galvanizing and other hot-dip coating.....	4	4	-	-	10
	Heat treating of metals.....	52	43	8	1	175
	Automatic screw machine department.....	27	17	7	3	308
	Machine shop.....	432	119	184	129	13,488
	Tool and die shop.....	90	39	36	15	840
	Foundry pattern shop.....	38	28	7	3	192
	Plate or structural fabrication.....	219	80	92	47	3,743
	Stamping, blanking, and forming of metals.....	122	72	37	13	1,260
	Painting, lacquering, and enameling of metals.....	250	219	31	-	603
3561	Pumps and pumping equipment:					
	Ferrous foundry.....	21	-	3	18	1,540
	Nonferrous foundry (except die casting).....	17	3	9	5	294
	Galvanizing and other hot-dip coating.....	7	5	1	1	42
	Heat treating of metals.....	39	26	12	1	208
	Automatic screw machine department.....	43	26	9	8	508
	Machine shop.....	226	38	74	114	13,588
	Tool and die shop.....	90	42	43	5	655
	Foundry pattern shop.....	36	19	16	1	190
	Plate or structural fabrication.....	56	31	14	11	885
	Stamping, blanking, and forming of metals.....	40	26	10	4	268
	Painting, lacquering, and enameling of metals.....	154	129	23	2	763
	Assembly of product.....	219	70	83	66	5,400
3562	Ball and roller bearings:					
	Ferrous foundry.....	2	-	-	2	(D)
	Nonferrous foundry (except die casting).....	3	1	2	-	(D)
	Forging--presses, hammers, or upsetters.....	14	3	6	5	278
	Electroplating and other plating.....	12	10	2	-	35
	Heat treating of metals.....	63	24	22	17	1,242
	Automatic screw machine department.....	58	15	17	36	2,759
	Machine shop.....	74	15	24	35	4,625
	Tool and die shop.....	41	7	20	14	1,147
	Foundry pattern shop.....	2	1	1	-	(D)
	Plate or structural fabrication.....	2	-	1	1	(D)
	Stamping, blanking, and forming of metals.....	43	8	21	14	1,270
	Painting, lacquering, and enameling of metals.....	9	5	4	-	45
	Assembly of product.....	73	14	20	39	3,646
	Powder metallurgy.....	2	1	1	-	(D)
3563	Air and gas compressors:					
	Ferrous foundry.....	5	-	-	5	929
	Galvanizing and other hot-dip coating.....	1	-	1	-	(D)
	Heat treating of metals.....	12	6	5	1	102
	Automatic screw machine department.....	16	8	3	5	350
	Machine shop.....	56	11	15	30	4,466
	Tool and die shop.....	29	12	10	7	391
	Foundry pattern shop.....	8	2	4	2	117
	Plate or structural fabrication.....	37	12	10	15	1,011
	Stamping, blanking, and forming of metals.....	24	16	6	2	149
	Painting, lacquering, and enameling of metals.....	50	35	13	2	221
	Assembly of product.....	58	8	20	30	3,556
3564	Blowers and fans:					
	Ferrous foundry.....	2	-	1	1	(D)
	Nonferrous foundry (except die casting).....	6	2	2	2	98
	Electroplating and other plating.....	5	2	3	-	(D)
	Automatic screw machine department.....	7	5	2	-	44
	Machine shop.....	71	28	29	14	1,491
	Tool and die shop.....	36	23	13	-	167
	Foundry pattern shop.....	6	4	2	-	27
	Plate or structural fabrication.....	61	13	20	28	2,557
	Stamping, blanking, and forming of metals.....	83	24	39	20	1,363
	Painting, lacquering, and enameling of metals.....	93	70	19	4	417
	Assembly of product.....	4	1	1	2	63
	Shipping department, including packing and crating....	1	1	-	-	(D)
3565	Industrial patterns:					
	Ferrous foundry.....	5	3	2	-	20
	Nonferrous foundry (except die casting).....	34	20	9	5	292
	Nonferrous die casting.....	3	2	1	-	9
	Forges--presses, hammers, or upsetters.....	1	-	1	-	(D)
	Electroplating and other plating.....	2	-	2	-	(D)
	Heat treating of metals.....	4	3	1	-	10
	Automatic screw machine department.....	4	2	2	-	19

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹ (number)
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	
3565	Industrial patterns--continued					
	Machine shop.....	52	26	25	1	318
	Tool and die shop.....	20	11	9	-	129
	Foundry pattern shop.....	288	74	180	34	3,401
	Plate or structural fabrication.....	7	4	3	-	41
	Stamping, blanking, and forming of metals.....	5	2	3	-	29
	Painting, lacquering, and enameling of metals.....	6	6	-	-	7
	Powder metallurgy.....	1	-	1	-	D
3566	Speed changers, drives, and gears:					
	Ferrous foundry.....	4	-	-	4	580
	Nonferrous foundry (except die casting).....	1	1	-	-	D
	Forging--presses, hammers, or upsetters.....	3	3	-	-	4
	Electroplating and other plating.....	8	8	-	-	12
	Heat treating of metals.....	37	23	13	1	230
	Automatic screw machine department.....	37	23	13	1	211
	Machine shop.....	144	16	53	75	7,598
	Tool and die shop.....	31	20	9	2	262
	Foundry pattern shop.....	12	11	1	-	44
	Plate or structural fabrication.....	7	5	1	1	(D)
	Stamping, blanking, and forming of metals.....	19	10	5	4	202
	Painting, lacquering, and enameling of metals.....	39	32	7	-	113
	Assembly of product.....	68	29	23	16	1,151
	Powder metallurgy.....	1	-	1	-	(D)
3567	Industrial furnaces and ovens:					
	Machine shop.....	69	45	16	8	612
	Plate or structural fabrication.....	74	33	29	12	1,287
	Stamping, blanking, and forming of metals.....	54	31	19	4	899
	Painting, lacquering, and enameling of metals.....	68	59	8	1	206
3568	Power transmission equipment, n.e.c.:					
	Ferrous foundry.....	3	-	-	3	140
	Nonferrous foundry (except die casting).....	17	3	5	9	415
	Forging--presses, hammers, or upsetters.....	3	1	1	1	(D)
	Electroplating and other plating.....	11	8	3	-	34
	Heat treating of metals.....	44	22	15	7	528
	Automatic screw machine department.....	43	17	15	11	669
	Machine shop.....	103	12	29	62	6,800
	Tool and die shop.....	47	18	21	8	622
	Foundry pattern shop.....	12	10	2	-	30
	Plate or structural fabrication.....	8	6	1	1	66
	Stamping, blanking, and forming of metals.....	38	13	11	14	1,226
	Painting, lacquering, and enameling of metals.....	27	21	6	-	70
	Assembly of product.....	72	27	19	26	3,224
	Powder metallurgy.....	5	1	2	2	79
3569	General industrial machinery, n.e.c.:					
	Ferrous foundry.....	2	-	-	2	D
	Nonferrous foundry (except die casting).....	4	2	2	-	(D)
	Electroplating and other plating.....	7	5	2	-	19
	Galvanizing and other hot-dip coating.....	4	3	1	-	10
	Heat treating of metals.....	16	15	1	-	28
	Automatic screw machine department.....	21	14	6	1	125
	Machine shop.....	285	95	123	67	5,210
	Tool and die shop.....	60	36	23	1	727
	Foundry pattern shop.....	12	9	2	1	69
	Plate or structural fabrication.....	125	58	50	17	1,765
	Stamping, blanking, and forming of metals.....	102	63	32	7	802
	Painting, lacquering, and enameling of metals.....	178	156	22	-	417
3573	Electronic computing equipment:					
	Electroplating and other plating.....	47	20	17	10	747
	Galvanizing and other hot-dip coating.....	1	1	-	-	(D)
	Heat treating of metals.....	17	13	4	-	77
	Automatic screw machine department.....	9	4	2	3	135
	Machine shop.....	140	52	54	34	3,670
	Tool and die shop.....	54	25	21	8	583
	Plate or structural fabrication.....	11	7	4	-	60
	Stamping, blanking, and forming of metals.....	48	20	11	17	949
	Painting, lacquering, and enameling of metals.....	38	20	15	3	266
	Plastics molding.....	19	8	6	5	317
	Assembly of product.....	240	36	70	134	32,995
	Shipping department, including packing and crating....	195	126	57	12	1,493
3574	Calculating and accounting machines:					
	Ferrous foundry.....	1	-	-	1	(D)
	Nonferrous foundry (except die casting).....	1	-	1	-	D
	Electroplating and other plating.....	8	1	5	2	11
	Heat treating of metals.....	6	2	2	2	D
	Automatic screw machine department.....	7	2	1	4	(D)
	Machine shop.....	16	4	1	8	D
	Tool and die shop.....	12	3	5	4	D
	Stamping, blanking, and forming of metals.....	17	7	5	5	11
	Painting, lacquering, and enameling of metals.....	10	4	1	2	155
	Plastic molding.....	5	2	2	1	11
	Assembly of product.....	24	4	5	15	5,792
	Shipping department, including packing and crating....	22	11	9	2	231

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3575	Scales and balances, except laboratory:					
	Ferrous foundry.....	2	-	-	2	(D)
	Nonferrous foundry (except die casting).....	1	-	-	1	(D)
	Forging--presses, hammers or upsetters.....	1	1	-	-	(D)
	Electroplating and other plating.....	4	2	1	1	(D)
	Heat treating of metals.....	6	5	1	-	15
	Automatic screw machine department.....	2	-	1	1	(D)
	Machine shop.....	33	15	11	7	587
	Tool and die shop.....	15	9	6	-	77
	Plate or structural fabrication.....	18	8	5	5	272
	Stamping, blanking, and forming of metals.....	19	11	4	4	155
	Painting, lacquering, and enameling of metals.....	37	27	9	1	135
	Assembly of product.....	39	10	15	14	1,084
	Shipping department, including packing and crating....	34	22	12	-	(D)
3579	Office machines, n.e.c., and 3572, Typewriters: ⁴					
	Electroplating and other plating.....	19	9	7	3	252
	Heat treating of metals.....	16	11	3	2	142
	Automatic screw machine department.....	24	11	5	8	421
	Machine shop.....	61	19	22	20	1,750
	Tool and die shop.....	43	18	18	7	851
	Plate or structural fabrication.....	7	4	2	1	48
	Stamping, blanking, and forming of metals.....	49	21	14	14	1,088
	Painting, lacquering, and enameling of metals.....	39	21	15	3	341
	Plastics molding.....	10	6	-	4	207
	Assembly of product.....	73	16	16	41	8,181
	Shipping department, including packing and crating....	67	42	20	5	641
3581	Automatic merchandising machines:					
	Nonferrous die casting.....	5	3	1	1	31
	Electroplating and other plating.....	9	6	3	-	44
	Heat treating of metals.....	2	2	-	-	(D)
	Automatic screw machine department.....	1	-	1	-	(D)
	Machine shop.....	16	8	6	2	116
	Tool and die shop.....	21	12	7	2	144
	Plate or structural fabrication.....	7	4	1	2	(D)
	Stamping, blanking, and forming of metals.....	32	13	7	12	1,188
	Painting, lacquering, and enameling of metals.....	26	13	6	7	324
3582	Commercial laundry equipment:					
	Electroplating and other plating.....	2	1	1	-	(D)
	Heat treating of metals.....	2	2	-	-	(D)
	Automatic screw machine department.....	3	3	-	-	5
	Machine shop.....	35	16	14	5	389
	Tool and die shop.....	8	4	4	-	43
	Plate or structural fabrication.....	23	10	10	3	238
	Stamping, blanking, and forming of metals.....	21	10	7	4	176
	Painting, lacquering, and enameling of metals.....	40	36	3	1	111
3585	Refrigeration and heating equipment:					
	Ferrous foundry.....	5	-	1	4	190
	Nonferrous foundry (except die casting).....	3	1	1	1	(D)
	Electroplating and other plating.....	3	1	2	-	(D)
	Galvanizing and other hot-dip coating.....	2	1	1	-	(D)
	Heat treating of metals.....	23	13	7	3	293
	Automatic screw machine department.....	27	16	6	5	495
	Machine shop.....	152	60	47	45	7,864
	Tool and die shop.....	122	58	43	21	2,008
	Foundry pattern shop.....	14	9	5	-	63
	Plate or structural fabrication.....	72	28	30	14	2,204
	Stamping, blanking, and forming of metals.....	251	60	89	102	10,000
	Painting, lacquering, and enameling of metals.....	264	163	71	30	2,460
	Assembly of product.....	310	43	99	168	39,625
	Shipping department, including packing and crating....	295	151	109	35	3,614
3586	Measuring and dispensing pumps:					
	Heat treating of metals.....	3	-	3	-	21
	Automatic screw machine department.....	9	5	2	2	149
	Machine shop.....	29	5	11	13	1,128
	Tool and die shop.....	14	7	3	4	160
	Foundry pattern shop.....	2	2	-	-	(D)
	Plate or structural fabrication.....	6	2	-	4	198
	Stamping, blanking, and forming of metals.....	16	4	4	8	519
	Painting, lacquering, and enameling of metals.....	21	10	6	5	193
	Assembly of product.....	29	6	6	17	1,415
3589	Service industry machinery, n.e.c.:					
	Ferrous foundry.....	1	-	-	1	(D)
	Nonferrous die casting.....	2	2	-	-	(D)
	Electroplating and other plating.....	4	3	1	-	22
	Heat treating of metals.....	4	2	1	1	38
	Automatic screw machine department.....	11	10	1	-	25
	Machine shop.....	119	55	48	16	1,278
	Tool and die shop.....	34	23	11	-	144
	Plate or structural fabrication.....	63	24	22	17	970
	Stamping, blanking, and forming of metals.....	106	50	41	15	1,072
	Painting, lacquering, and enameling of metals.....	121	103	15	3	383

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3592	Carburetors, pistons, rings, valves:					
	Ferrous foundry.....	6	-	-	6	548
	Nonferrous foundry (except die casting).....	11	5	-	6	596
	Nonferrous die casting.....	4	-	2	2	(D)
	Forging--presses, hammers, or upsetters.....	4	2	-	2	(D)
	Electroplating and other plating.....	24	9	10	5	278
	Heat treating of metals.....	20	13	5	2	169
	Automatic screw machine department.....	13	5	6	2	228
	Machine shop.....	66	7	23	36	6,500
	Tool and die shop.....	32	15	7	10	1,094
	Foundry pattern shop.....	6	2	3	1	76
	Plate or structural fabrication.....	4	3	1	-	15
	Stamping, blanking, and forming of metals.....	11	6	1	4	442
	Painting, lacquering, and enameling of metals.....	10	8	2	-	34
3599	Machinery, except electrical, n.e.c.:					
	Ferrous foundry.....	21	6	10	5	295
	Nonferrous foundry (except die casting).....	19	10	6	3	190
	Nonferrous die casting.....	10	8	2	-	(D)
	Forging--presses, hammers, or upsetters.....	25	17	7	1	(D)
	Electroplating and other plating.....	80	63	15	2	318
	Heat treating of metals.....	126	111	10	5	1,528
	Automatic screw machine department.....	385	261	108	16	2,054
	Machine shop.....	3,531	900	2,071	560	48,263
	Tool and die shop.....	410	282	114	14	2,318
	Foundry pattern shop.....	38	29	8	1	131
	Plate or structural fabrication.....	525	301	188	36	3,975
	Stamping, blanking, and forming of metals.....	456	296	142	18	2,769
	Painting, lacquering, and enameling of metals.....	368	346	19	3	756
	Powder metallurgy.....	25	17	5	3	460
3612	Transformers:					
	Heat treating of metals.....	35	16	18	1	269
	Machine shop.....	51	34	9	8	891
	Tool and die shop.....	31	13	12	6	360
	Plate or structural fabrication.....	46	11	16	19	1,953
	Stamping, blanking, and forming of metals.....	70	22	28	20	1,635
	Painting, lacquering, and enameling of metals.....	85	51	23	11	809
3613	Switchgear and switchboard apparatus:					
	Ferrous foundry.....	2	-	2	-	(D)
	Nonferrous foundry (except die casting).....	5	-	2	3	163
	Electroplating and other plating.....	89	51	33	5	579
	Heat treating of metals.....	29	23	6	-	92
	Automatic screw machine department.....	35	18	11	6	483
	Machine shop.....	112	37	43	32	3,145
	Tool and die shop.....	92	34	46	12	1,118
	Foundry pattern shop.....	9	8	1	-	19
	Plate or structural fabrication.....	70	27	25	18	1,765
	Stamping, blanking, and forming of metals.....	165	50	68	47	3,911
	Painting, lacquering, and enameling of metals.....	169	126	33	10	804
	Plastics molding.....	36	11	16	9	917
3621	Motors and generators:					
	Ferrous foundry.....	1	-	-	1	(D)
	Nonferrous foundry (except die casting).....	1	1	-	-	(D)
	Nonferrous die casting.....	59	11	37	11	732
	Electroplating and other plating.....	23	20	3	-	88
	Galvanizing and other hot-dip coating.....	12	6	4	2	153
	Heat treating of metals.....	54	29	24	1	329
	Automatic screw machine department.....	56	29	24	3	415
	Machine shop.....	169	38	59	72	7,514
	Tool and die shop.....	103	42	42	19	1,457
	Foundry pattern shop.....	4	4	-	-	9
	Plate or structural fabrication.....	21	6	9	6	624
	Stamping, blanking, and forming of metals.....	120	37	50	33	2,426
	Painting, lacquering, and enameling of metals.....	140	90	43	7	902
3622	Industrial controls:					
	Nonferrous foundry (except die casting).....	1	-	1	-	(D)
	Electroplating and other plating.....	28	16	10	2	192
	Heat treating of metals.....	12	8	3	1	78
	Automatic screw machine department.....	17	6	8	3	220
	Machine shop.....	103	51	28	24	1,928
	Tool and die shop.....	36	16	13	7	509
	Foundry pattern shop.....	1	1	-	-	(D)
	Plate or structural fabrication.....	38	19	10	9	602
	Stamping, blanking, and forming of metals.....	59	30	17	12	1,124
	Painting, lacquering, and enameling of metals.....	97	77	18	2	432
	Plastics molding.....	25	12	7	6	702
3623	Welding apparatus, electric:					
	Machine shop.....	70	17	28	25	1,489
	Tool and die shop.....	17	8	7	2	265
	Plate or structural fabrication.....	26	15	5	6	293
	Stamping, blanking, and forming of metals.....	21	8	9	1	292
	Painting, lacquering, and enameling of metals.....	35	29	6	10	118

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹ (number)
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	
3624	Carbon and graphite products:					
	Machine shop.....	28	11	10	7	498
	Tool and die shop.....	9	8	-	1	52
	Stamping, blanking, and forming of metals.....	12	10	2	-	41
	Painting, lacquering, and enameling of metals.....	1	1	-	-	(D)
3629	Electrical industrial apparatus, n.e.c.:					
	Machine shop.....	59	36	18	5	487
	Tool and die shop.....	19	16	3	-	61
	Stamping, blanking, and forming of metals.....	46	30	12	4	379
	Painting, lacquering, and enameling of metals.....	41	31	9	1	174
3631	Household cooking equipment:					
	Ferrous foundry.....	5	1	-	4	334
	Nonferrous foundry (except die casting).....	1	-	-	1	(D)
	Nonferrous die casting.....	2	1	1	-	(D)
	Heat treating of metals.....	2	2	-	-	(D)
	Machine shop.....	17	6	9	2	274
	Tool and die shop.....	20	5	11	4	277
	Foundry pattern shop.....	5	4	1	-	23
	Plate or structural fabrication.....	5	2	1	2	(D)
	Stamping, blanking, and forming of metals.....	48	9	8	31	3,355
	Painting, lacquering, and enameling of metals.....	42	9	9	24	2,432
	Plastics molding.....	1	-	1	-	(D)
3632	Household refrigerators and freezers:					
	Galvanizing and other hot-dip coating.....	1	-	-	1	(D)
	Heat treating of metals.....	1	1	-	-	(D)
	Automatic screw machine department.....	2	1	1	-	(D)
	Machine shop.....	6	1	1	4	764
	Tool and die shop.....	12	5	2	5	408
	Foundry pattern shop.....	1	-	1	-	(D)
	Stamping, blanking, and forming of metals.....	22	6	2	14	3,781
	Painting, lacquering, and enameling of metals.....	19	5	2	12	2,322
3633	Household laundry equipment:					
	Nonferrous die casting.....	4	1	-	3	153
	Galvanizing and other hot-dip coating.....	2	-	1	1	(D)
	Heat treating of metals.....	6	2	4	-	27
	Automatic screw machine department.....	6	1	2	3	206
	Machine shop.....	13	1	2	10	1,113
	Tool and die shop.....	16	5	2	9	391
	Plate or structural fabrication.....	1	-	-	1	(D)
	Stamping, blanking, and forming of metals.....	18	3	3	12	2,171
	Painting, lacquering, and enameling of metals.....	15	2	2	11	2,314
	Plastics molding.....	9	1	3	5	370
3634	Electric housewares and fans:					
	Nonferrous foundry (except die casting).....	3	-	-	3	(D)
	Nonferrous die casting.....	18	6	8	4	291
	Galvanizing and other hot-dip coating.....	9	8	-	1	(D)
	Heat treating of metals.....	16	13	3	-	64
	Automatic screw machine department.....	16	10	4	2	157
	Machine shop.....	48	19	20	9	633
	Tool and die shop.....	72	35	29	8	593
	Foundry pattern shop.....	4	4	-	-	10
	Plate or structural fabrication.....	8	4	4	-	46
	Stamping, blanking, and forming of metals.....	93	26	31	36	2,260
	Painting, lacquering, and enameling of metals.....	73	34	29	10	742
	Plastics molding.....	41	6	11	24	1,508
3635	Household vacuum cleaners:					
	Nonferrous die casting.....	5	1	1	3	271
	Heat treating of metals.....	3	3	-	-	(D)
	Automatic screw machine department.....	7	1	3	3	120
	Machine shop.....	9	2	3	4	373
	Tool and die shop.....	9	2	4	3	212
	Foundry pattern shop.....	1	1	-	-	(D)
	Stamping, blanking, and forming of metals.....	14	6	4	4	423
	Painting, lacquering, and enameling of metals.....	14	6	5	3	265
	Plastics molding.....	9	1	2	6	578
3636	Sewing machines:					
	Ferrous foundry.....	1	-	-	1	(D)
	Nonferrous die casting.....	1	-	-	1	(D)
	Forging--presses, hammers, or upsetters.....	1	-	-	1	(D)
	Heat treating of metals.....	7	4	1	2	(D)
	Automatic screw machine department.....	6	2	2	2	(D)
	Machine shop.....	20	6	5	9	1,290
	Tool and die shop.....	5	1	3	1	(D)
	Stamping, blanking, and forming of metals.....	13	8	5	-	63
	Painting, lacquering, and enameling of metals.....	9	7	1	1	106

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			(number)
			1 to 4	5 to 19	20 or more	
3639	Household appliances, n.e.c.:					
	Nonferrous die casting.....	2	1	-	1	(D)
	Galvanizing and other hot-dip coating.....	2	2	-	-	(D)
	Heat treating of metals.....	2	2	-	-	(D)
	Automatic screw machine department.....	3	2	1	-	9
	Machine shop.....	18	8	4	6	336
	Tool and die shop.....	12	4	6	2	144
	Plate or structural fabrication.....	7	4	3	-	4
	Stamping, blanking, and forming of metals.....	30	7	12	11	991
	Painting, lacquering, and enameling of metals.....	31	17	7	7	681
	Plastics molding.....	3	2	-	1	(D)
3641	Electric lamps:					
	Machine shop.....	27	6	15	6	389
3643	Current-carrying wiring devices:					
	Nonferrous foundry (except die casting).....	6	2	2	2	(D)
	Nonferrous die casting.....	2	-	1	1	(D)
	Electroplating and other plating.....	66	34	21	11	772
	Galvanizing and other hot-dip coating.....	11	8	3	-	35
	Heat treating of metals.....	17	13	2	2	154
	Automatic screw machine department.....	32	13	12	7	429
	Machine shop.....	96	40	41	15	1,759
	Tool and die shop.....	75	24	34	17	1,346
	Foundry pattern shop.....	3	2	1	-	(D)
	Plate or structural fabrication.....	11	6	5	-	65
	Stamping, blanking, and forming of metals.....	115	47	43	25	1,711
	Painting, lacquering, and enameling of metals.....	34	25	8	1	145
	Plastics molding.....	55	21	15	19	1,335
3644	Noncurrent-carrying wiring devices:					
	Ferrous foundry.....	7	-	1	6	922
	Nonferrous foundry (except die casting).....	12	1	5	6	406
	Nonferrous die casting.....	14	3	6	5	298
	Forging--presses, hammers, or upsetters.....	11	1	5	5	341
	Electroplating and other plating.....	17	6	7	4	231
	Galvanizing and other hot-dip coating.....	25	7	5	13	872
	Heat treating of metals.....	14	8	5	1	93
	Automatic screw machine department.....	10	5	3	2	177
	Machine shop.....	61	18	25	18	1,636
	Tool and die shop.....	35	14	17	4	329
	Foundry pattern shop.....	10	5	4	1	84
	Plate or structural fabrication.....	13	3	2	8	859
	Stamping, blanking, and forming of metals.....	65	11	28	26	2,319
	Painting, lacquering, and enameling of metals.....	45	24	17	4	391
	Plastics molding.....	14	2	6	6	310
3645	Residential lighting fixtures:					
	Nonferrous foundry (except die casting).....	9	3	6	-	65
	Nonferrous die casting.....	5	5	-	-	13
	Electroplating and other plating.....	37	17	16	4	300
	Heat treating of metals.....	6	6	-	-	12
	Automatic screw machine department.....	7	5	1	1	72
	Machine shop.....	43	22	16	5	323
	Tool and die shop.....	29	26	3	-	72
	Plate or structural fabrication.....	9	4	5	-	60
	Stamping, blanking, and forming of metals.....	70	36	27	7	687
	Painting, lacquering, and enameling of metals.....	118	68	40	10	941
3646	Commercial lighting fixtures:					
	Nonferrous die casting.....	2	1	-	1	(D)
	Electroplating and other plating.....	8	6	1	1	55
	Heat treating of metals.....	2	2	-	-	(D)
	Automatic screw machine department.....	2	2	-	-	(D)
	Machine shop.....	33	17	16	-	174
	Tool and die shop.....	41	29	11	1	186
	Plate or structural fabrication.....	19	11	7	1	128
	Stamping, blanking, and forming of metals.....	103	28	37	38	2,226
	Painting, lacquering, and enameling of metals.....	102	49	39	14	1,027
3647	Vehicular lighting equipment:					
	Nonferrous foundry (except die casting).....	1	1	-	-	(D)
	Nonferrous die casting.....	2	-	1	1	(D)
	Electroplating and other plating.....	7	1	4	2	161
	Heat treating of metals.....	3	2	1	-	12
	Automatic screw machine department.....	4	-	3	1	49
	Machine shop.....	9	2	3	4	384
	Tool and die shop.....	15	8	4	3	587
	Stamping, blanking, and forming of metals.....	20	5	5	10	801
	Painting, lacquering, and enameling of metals.....	12	6	2	4	422

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3648	Lighting equipment, n.e.c.: Nonferrous foundry (except die casting)..... Nonferrous die casting..... Electroplating and other plating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals.....	 3 5 12 2 2 42 26 14 56 49	 1 - 5 1 1 20 20 7 25 38	 1 3 6 1 - 18 4 5 20 9	 1 2 1 - 1 4 2 2 11 2	 (D) 135 108 (D) (D) 462 170 133 775 765
3651	Radio and TV receiving sets: Nonferrous die casting..... Electroplating and other plating..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals..... Assembly of product.....	 3 10 5 41 34 39 29 98	 2 6 2 21 15 14 16 8	 - 2 2 16 16 18 11 18	 1 2 1 4 3 7 2 72	 (D) 113 76 455 604 815 221 40,911
3661	Telephone and telegraph apparatus: Nonferrous die casting..... Electroplating and other plating..... Galvanizing and other hot-dip coating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals..... Plastics molding.....	 6 27 7 23 20 51 40 13 40 37 22	 1 8 7 10 4 17 13 4 11 22 3	 1 5 - 10 5 9 8 4 7 8 3	 4 14 - 3 11 25 19 5 22 7 16	 (D) (D) (D) 219 573 3,860 (D) 550 2,706 394 1,905
3662	Radio and TV communication equipment: Nonferrous die casting..... Electroplating and other plating..... Galvanizing and other hot-dip coating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals..... Plastics molding..... Assembly of product..... Powder metallurgy.....	 6 130 17 59 46 492 129 70 233 269 83 578 3	 3 74 13 52 31 219 72 33 134 217 56 112 1	 1 39 3 5 12 189 43 26 77 45 17 188 2	 2 17 1 2 3 84 14 11 22 7 10 278 -	 129 1,191 130 187 289 8,937 1,097 1,083 2,208 1,040 675 46,743 (D)
3671	Electron tubes, receiving type: Electroplating and other plating..... Heat treating of metals..... Machine shop..... Tool and die shop..... Stamping, blanking, and forming of metals..... Assembly of product.....	 2 1 3 2 2 2 5	 2 1 1 - - - -	 - - 1 - 2 - -	 - - 1 2 - - 5	 (D) (D) (D) (D) (D) (D) 2,485
3672	Cathode ray television picture tubes: Electroplating and other plating..... Heat treating of metals..... Machine shop..... Tool and die shop..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals..... Assembly of product.....	 1 3 4 1 4 1 9	 1 1 1 - 4 - 1	 - 2 - 1 - - 1	 - - 3 - - - 7	 (D) 21 109 (D) 12 (D) 7,281
3673	Electron tubes, transmitting: Electroplating and other plating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals..... Painting, lacquering, and enameling of metals..... Powder metallurgy..... Assembly of product.....	 21 15 3 33 15 3 17 21 3 32	 7 10 2 10 6 3 9 14 1 2	 12 4 - 10 6 - 6 4 2 6	 2 1 1 13 3 - 2 3 - 24	 232 107 (D) 1,039 180 (D) 197 133 (D) 5,297
3671	Semiconductors and related devices: Electroplating and other plating..... Galvanizing and other hot-dip coating..... Heat treating of metals..... Automatic screw machine department..... Machine shop..... Tool and die shop..... Plate or structural fabrication..... Stamping, blanking, and forming of metals.....	 42 6 12 3 51 18 5 17	 19 3 8 2 18 8 3 8	 14 3 4 - 26 6 2 7	 9 - - 1 7 4 - 2	 652 27 71 (D) 825 408 46 35

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3674	Semiconductors and related devices--Continued					
	Painting, lacquering, and enameling of metals.....	16	12	4	-	58
	Plastics molding.....	22	6	9	7	319
	Powder metallurgy.....	7	5	2	-	25
	Shipping department, including packing and crating....	-	-	-	-	-
	Assembly of product.....	95	8	23	64	26,747
3675	Electronic capacitors:					
	Electroplating and other plating.....	19	17	2	-	63
	Galvanizing and other hot-dip coating.....	6	5	1	-	12
	Heat treating of metals.....	3	2	1	-	9
	Automatic screw machine department.....	6	4	2	-	26
	Machine shop.....	40	20	15	5	352
	Tool and die shop.....	20	15	4	1	101
	Plate or structural fabrication.....	2	1	1	-	D /
	Stamping, blanking, and forming of metals.....	15	11	3	1	83
	Painting, lacquering, and enameling of metals.....	11	9	2	-	22
	Plastics molding.....	10	3	5	2	129
	Powder metallurgy.....	4	2	2	-	(D)
	Assembly of product.....	51	5	10	36	8,500
3676	Electronic resistors:					
	Electroplating and other plating.....	7	5	2	-	28
	Galvanizing and other hot-dip coating.....	3	1	2	-	15
	Heat treating of metals.....	1	-	1	-	(D)
	Automatic screw machine department.....	6	1	3	2	D /
	Machine shop.....	31	14	13	4	362
	Tool and die shop.....	17	5	10	2	280
	Plate or structural fabrication.....	1	1	-	-	(D)
	Stamping, blanking, and forming of metals.....	11	2	7	2	141
	Painting, lacquering, and enameling of metals.....	2	2	-	-	D)
	Plastics molding.....	15	7	8	-	110
	Powder metallurgy.....	4	2	1	1	(D)
	Assembly of product.....	40	2	6	32	6,131
3677	Electronic coils and transformers:					
	Nonferrous die casting.....	1	-	-	1	(D)
	Electroplating and other plating.....	8	5	2	1	(D)
	Galvanizing and other hot-dip coating.....	1	1	-	-	(D)
	Heat treating of metals.....	6	4	2	-	26
	Automatic screw machine department.....	3	-	2	1	37
	Machine shop.....	65	46	14	5	684
	Tool and die shop.....	29	23	5	1	114
	Plate or structural fabrication.....	2	2	-	-	D)
	Stamping, blanking, and forming of metals.....	40	29	8	3	220
	Painting, lacquering, and enameling of metals.....	49	43	5	1	134
	Plastics molding.....	32	22	7	3	273
	Assembly of product.....	107	15	20	72	6,266
3678	Electronic connectors:					
	Nonferrous die casting.....	1	-	1	-	D /
	Electroplating and other plating.....	39	20	9	10	461
	Galvanizing and other hot-dip coating.....	3	2	1	-	8
	Heat treating of metals.....	17	14	2	1	71
	Automatic screw machine department.....	22	5	10	7	962
	Machine shop.....	53	19	17	17	1,201
	Tool and die shop.....	42	17	17	8	649
	Stamping, blanking, and forming of metals.....	31	12	12	7	726
	Painting, lacquering, and enameling of metals.....	8	7	-	1	40
	Plastics molding.....	32	14	7	11	1,122
	Assembly of product.....	48	3	10	35	4,109
3679	Electronic components, n.e.c.:					
	Nonferrous die casting.....	7	4	2	1	47
	Electroplating and other plating.....	167	88	62	17	1,632
	Galvanizing and other hot-dip coating.....	20	17	3	-	44
	Heat treating of metals.....	40	36	4	-	90
	Automatic screw machine department.....	31	19	8	4	233
	Machine shop.....	234	121	97	16	2,267
	Tool and die shop.....	116	75	36	5	677
	Plate or structural fabrication.....	16	10	3	3	136
	Stamping, blanking, and forming of metals.....	146	81	50	15	1,233
	Painting, lacquering, and enameling of metals.....	90	81	6	3	303
	Plastics molding.....	61	39	16	6	609
	Powder metallurgy.....	12	6	6	-	78
	Assembly of product.....	259	52	81	126	19,948
3691	Storage batteries:					
	Machine shop.....	21	5	12	4	293
	Tool and die shop.....	2	1	1	-	D)
	Stamping, blanking, and forming of metals.....	9	7	2	-	28

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3692	Primary batteries, dry and wet:					
	Machine shop.....	23	4	13	6	383
	Tool and die shop.....	6	4	2	-	19
	Stamping, blanking, and forming of metals.....	12	5	6	1	94
3693	X-ray apparatus and tubes:					
	Machine shop.....	33	13	13	7	580
	Tool and die shop.....	10	5	4	1	81
	Plate or structural fabrication.....	6	5	-	1	36
	Stamping, blanking, and forming of metals.....	20	8	8	4	342
	Painting, lacquering, and enameling of metals.....	19	12	4	3	210
3694	Engine electrical equipment:					
	Ferrous foundry.....	1	-	-	1	(D)
	Nonferrous die casting.....	11	3	4	4	446
	Electroplating and other plating.....	20	10	8	2	227
	Heat treating of metals.....	12	9	1	2	137
	Automatic screw machine department.....	24	7	7	10	916
	Machine shop.....	42	15	17	10	997
	Tool and die shop.....	28	8	11	9	1,476
	Stamping, blanking, and forming of metals.....	34	9	11	14	1,466
	Painting, lacquering, and enameling of metals.....	30	24	6	-	104
3699	Electrical equipment and supplies, n.e.c.:					
	Machine shop.....	61	32	22	7	605
	Stamping, blanking, and forming of metals.....	40	25	9	6	(D)
	Painting, lacquering, and enameling of metals.....	26	20	6	-	94
3711	Motor vehicles and car bodies:					
	Ferrous foundry.....	3	-	1	2	(D)
	Nonferrous die casting.....	1	-	-	1	(D)
	Forging--presses, hammers, or upsetters.....	4	-	-	4	433
	Electroplating and other plating.....	9	3	3	3	(D)
	Heat treating of metals.....	11	-	5	6	580
	Automatic screw machine department.....	11	-	9	2	210
	Machine shop.....	37	7	6	24	12,065
	Tool and die shop.....	47	7	5	35	4,696
	Foundry pattern shop.....	5	1	2	2	(D)
	Plate or structural fabrication.....	21	6	8	7	458
	Stamping, blanking, and forming of metals.....	34	5	4	25	8,715
	Painting, lacquering, and enameling of metals.....	70	14	8	48	12,415
	Plastics molding.....	9	4	1	4	(D)
	Powder metallurgy.....	1	1	-	-	(D)
3713	Truck and bus bodies:					
	Ferrous foundry.....	3	3	-	-	(D)
	Nonferrous foundry (except die casting).....	2	2	-	-	(D)
	Forging--presses, hammers, or upsetters.....	3	1	2	-	18
	Electroplating and other plating.....	2	1	1	-	(D)
	Galvanizing and other hot-dip coating.....	1	1	-	-	(D)
	Heat treating of metals.....	6	5	1	-	17
	Automatic screw machine department.....	1	1	-	-	(D)
	Machine shop.....	73	32	31	10	837
	Tool and die shop.....	28	14	13	1	209
	Foundry pattern shop.....	6	5	1	-	26
	Plate or structural fabrication.....	107	36	46	25	1,923
	Stamping, blanking, and forming of metals.....	110	56	33	21	2,157
	Painting, lacquering, and enameling of metals.....	183	138	37	8	1,012
	Plastics molding.....	13	6	5	2	135
	Powder metallurgy.....	2	-	1	1	(D)
3714	Motor vehicle parts and accessories:					
	Ferrous foundry.....	13	1	3	9	4,047
	Nonferrous foundry (except die casting).....	8	2	4	2	171
	Nonferrous die casting).....	21	4	6	11	1,609
	Forging--presses, hammers, or upsetters.....	37	13	9	15	3,247
	Electroplating and other plating.....	103	33	44	26	2,232
	Galvanizing and other hot-dip coating.....	23	17	6	-	88
	Heat treating of metals.....	136	56	38	42	3,106
	Automatic screw machine department.....	122	42	38	42	3,218
	Machine shop.....	352	85	111	156	47,320
	Tool and die shop.....	243	75	90	78	11,753
	Foundry pattern shop.....	20	10	5	5	311
	Plate or structural fabrication.....	52	19	17	16	1,508
	Stamping, blanking, and forming of metals.....	304	57	107	140	26,635
	Painting, lacquering, and enameling of metals.....	240	164	57	19	1,946
	Plastics molding.....	39	12	14	13	1,724
	Powder metallurgy.....	12	3	4	5	694

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3715	Truck trailers:					
	Forging--presses, hammers, or upsetters.....	1	1	-	-	(D)
	Heat treating of metals.....	1	1	-	-	(D)
	Automatic screw machine department.....	1	1	-	-	(D)
	Machine shop.....	29	17	10	2	167
	Tool and die shop.....	8	5	3	-	54
	Foundry pattern shop.....	2	1	1	-	(D)
	Plate or structural fabrication.....	61	11	22	28	2,742
	Stamping, blanking, and forming of metals.....	50	16	25	9	699
	Painting, lacquering, and enameling of metals.....	82	54	22	6	480
3721	Aircraft:					
	Ferrous foundry.....	2	1	1	-	(D)
	Nonferrous foundry (except die casting).....	8	5	3	-	39
	Forging--presses, hammers, or upsetters.....	6	1	2	3	(D)
	Electroplating and other plating.....	17	4	10	3	443
	Galvanizing and other hot-dip coating.....	8	3	3	2	101
	Heat treating of metals.....	28	9	10	9	555
	Automatic screw machine department.....	10	4	4	2	145
	Machine shop.....	48	10	13	25	8,113
	Tool and die shop.....	32	7	9	16	4,829
	Foundry pattern shop.....	16	5	6	5	351
	Plate or structural fabrication.....	26	5	7	14	4,627
	Stamping, blanking, and forming of metals.....	38	4	14	20	3,121
	Painting, lacquering, and enameling of metals.....	43	14	12	17	1,751
	Plastics molding.....	23	6	6	11	1,436
3724	Aircraft engines and engine parts:					
	Ferrous foundry.....	2	-	-	2	(D)
	Nonferrous foundry (except die casting).....	5	3	2	-	22
	Forging--presses, hammers, or upsetters.....	9	2	3	4	(D)
	Electroplating and other plating.....	31	9	11	11	518
	Galvanizing and other hot-dip coating.....	4	2	1	1	(D)
	Heat treating of metals.....	54	30	12	12	813
	Automatic screw machine department.....	22	13	6	3	207
	Machine shop.....	128	19	40	69	24,264
	Tool and die shop.....	61	16	23	22	2,853
	Foundry pattern shop.....	6	3	3	-	41
	Plate or structural fabrication.....	17	6	5	6	1,155
	Stamping, blanking, and forming of metals.....	43	17	16	10	1,255
	Painting, lacquering, and enameling of metals.....	34	21	9	4	267
	Plastics molding.....	5	2	1	2	(D)
3728	Aircraft equipment, n.e.c.:					
	Nonferrous foundry (except die casting).....	6	2	2	2	85
	Forging--presses, hammers, or upsetters.....	13	6	5	2	142
	Electroplating and other plating.....	54	28	21	5	484
	Galvanizing and other hot-dip coating.....	7	3	4	-	47
	Heat treating of metals.....	64	37	23	4	382
	Automatic screw machine department.....	45	26	14	5	411
	Machine shop.....	266	54	102	110	14,539
	Tool and die shop.....	96	42	35	19	1,579
	Foundry pattern shop.....	12	7	3	2	170
	Plate or structural fabrication.....	32	7	10	15	3,368
	Stamping, blanking, and forming of metals.....	85	41	26	18	2,322
	Painting, lacquering, and enameling of metals.....	93	65	20	8	748
	Plastics molding.....	21	7	9	5	858
3731	Ship building and repairing:					
	Ferrous foundry.....	5	2	2	1	(D)
	Nonferrous foundry (except die casting).....	4	2	-	2	(D)
	Forging--presses, hammers, or upsetters.....	16	8	7	1	120
	Heat treating of metals.....	20	9	11	-	128
	Machine shop.....	151	56	53	42	4,705
	Tool and die shop.....	14	7	4	3	221
	Foundry pattern shop.....	18	10	7	1	124
	Plate or structural fabrication.....	130	21	38	71	24,063
	Stamping, blanking, and forming of metals.....	32	10	12	10	1,931
	Painting, lacquering, and enameling of metals.....	110	36	43	31	4,856
	Plastics molding.....	12	7	4	1	85
3732	Boat building and repairing:					
	Heat treating of metals.....	7	6	1	-	16
	Machine shop.....	73	52	18	3	385
	Tool and die shop.....	18	13	4	1	84
	Foundry pattern shop.....	8	7	-	1	110
	Plate or structural fabrication.....	43	20	16	7	513
	Stamping, blanking, and forming of metals.....	27	14	11	2	332
	Painting, lacquering, and enameling of metals.....	61	44	15	2	269
	Plastics molding.....	95	25	37	33	2,772

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3743	Railroad equipment:					
	Ferrous foundry.....	4	-	-	4	1,523
	Nonferrous foundry (except die casting).....	1	-	-	1	(D)
	Forging--presses, hammers, or upsetters.....	13	1	4	8	418
	Automatic screw machine department.....	5	1	2	2	84
	Machine shop.....	40	10	16	14	4,317 #
	Tool and die shop.....	26	9	9	8	787
	Plate or structural fabrication.....	42	4	10	28	6,978
	Stamping, blanking, and forming of metals.....	36	9	9	18	1,758
	Painting, lacquering, and enameling of metals.....	50	21	14	15	1,327
3751	Motorcycles, bicycles, and parts:					
	Electroplating and other plating.....	12	2	4	6	440
	Automatic screw machine department.....	10	5	2	3	232
	Machine shop.....	30	16	8	6	1,087
	Tool and die shop.....	24	13	7	4	468
	Stamping, blanking, and forming of metals.....	45	18	13	14	1,798
	Painting, lacquering, and enameling of metals.....	32	18	5	9	573
3761	Guided missiles and space vehicles:					
	Nonferrous foundry (except die casting).....	-	-	-	-	-
	Forging--presses, hammers, or upsetters.....	1	1	-	-	(D)
	Electroplating and other plating.....	9	3	6	-	78
	Galvanizing and other hot-dip coating.....	3	2	-	1	(D)
	Heat treating of metals.....	9	7	2	-	39
	Automatic screw machine department.....	3	2	1	-	(D)
	Machine shop.....	22	5	6	11	1,826
	Tool and die shop.....	14	6	1	7	522
	Foundry pattern shop.....	5	3	-	2	(D)
	Plate or structural fabrication.....	10	2	1	7	1,741
	Stamping, blanking, and forming of metals.....	14	4	6	4	335
	Painting, lacquering, and enameling of metals.....	17	8	8	1	130
	Plastics molding.....	13	5	5	3	312
3764	Space propulsion units and parts:					
	Forging--presses, hammers, or upsetters.....	1	-	1	-	(D)
	Electroplating and other plating.....	2	1	1	-	(D)
	Galvanizing and other hot-dip coating.....	1	1	-	-	(D)
	Heat treating of metals.....	9	8	1	-	21
	Automatic screw machine department.....	1	1	-	-	(D)
	Machine shop.....	22	-	9	13	1,205
	Tool and die shop.....	6	2	3	1	62
	Foundry pattern shop.....	1	-	1	-	(D)
	Plate or structural fabrication.....	4	3	1	-	16
	Stamping, blanking, and forming of metals.....	10	4	5	1	149
	Painting, lacquering, and enameling of metals.....	5	3	2	-	25
	Plastics molding.....	2	-	1	1	(D)
3769	Space vehicle equipment, n.e.c.:					
	Forging--presses, hammers, or upsetters.....	1	-	1	-	(D)
	Electroplating and other plating.....	5	3	1	1	(D)
	Galvanizing and other hot-dip coating.....	1	-	1	-	(D)
	Heat treating of metals.....	8	7	1	-	15
	Automatic screw machine department.....	4	1	1	2	79
	Machine shop.....	34	7	11	16	810
	Tool and die shop.....	11	6	5	-	65
	Foundry pattern shop.....	2	-	2	-	(D)
	Plate or structural fabrication.....	3	1	2	-	(D)
	Stamping, blanking, and forming of metals.....	11	4	7	-	83
	Painting, lacquering, and enameling of metals.....	8	5	3	-	(D)
	Plastics molding.....	2	-	1	1	(D)
3792	Travel trailers and campers:					
	Plate or structural fabrication.....	45	19	19	7	618
	Stamping, blanking, and forming of metals.....	22	9	9	4	378
	Painting, lacquering, and enameling of metals.....	60	52	5	3	409
3795	Tanks and tank components:					
	Electroplating and other plating.....	2	1	1	-	(D)
	Galvanizing and other hot-dip coating.....	1	-	-	1	(D)
	Heat treating of metals.....	3	1	2	-	(D)
	Automatic screw machine department.....	1	-	1	-	(D)
	Machine shop.....	11	-	6	5	581
	Tool and die shop.....	5	2	2	1	(D)
	Plate or structural fabrication.....	2	-	1	1	(D)
	Stamping, blanking, and forming of metals.....	5	1	1	3	154
	Painting, lacquering, and enameling of metals.....	6	3	2	1	(D)
3799	Transportation equipment, n.e.c.:					
	Electroplating and other plating.....	4	-	4	-	35
	Automatic screw machine department.....	9	7	2	-	35
	Machine shop.....	53	31	18	4	368
	Tool and die shop.....	22	20	2	-	64
	Stamping, blanking, and forming of metals.....	84	37	34	13	1,067
	Painting, lacquering, and enameling of metals.....	124	108	15	1	318

See footnotes at end of table.

TABLE 1A. Selected Metalworking Operations, by Industry and Operation: 1972—Continued

Code	Industry and operation	Establishments ¹				Production workers in specified operation ¹
		Total	Number of production workers ²			
			1 to 4	5 to 19	20 or more	(number)
3811	Engineering and scientific instruments:					
	Nonferrous die casting.....	2	1	1	-	(D)
	Electroplating and other plating.....	24	18	6	-	68
	Heat treating of metals.....	17	14	3	-	48
	Automatic screw machine department.....	23	18	5	-	88
	Machine shop.....	203	103	74	26	2,336
	Tool and die shop.....	42	34	5	3	221
	Stamping, blanking, and forming of metals.....	66	50	10	6	496
	Painting, lacquering, and enameling of metals.....	96	84	11	1	351
	Plastics molding.....	17	16	-	1	94
3822	Environmental controls:					
	Nonferrous foundry (except die casting).....	2	1	1	-	(D)
	Nonferrous die casting.....	7	2	1	4	(D)
	Electroplating and other plating.....	16	5	10	1	128
	Heat treating of metals.....	18	16	2	-	49
	Automatic screw machine department.....	25	8	8	9	406
	Machine shop.....	38	13	9	16	1,330
	Tool and die shop.....	31	14	9	8	562
	Stamping, blanking, and forming of metals.....	36	17	12	7	670
	Painting, lacquering, and enameling of metals.....	14	6	4	4	159
	Plastics molding.....	12	6	2	4	297
3823	Process control instruments:					
	Nonferrous foundry (except die casting).....	2	1	1	-	(D)
	Nonferrous die casting.....	2	2	-	-	(D)
	Electroplating and other plating.....	14	8	5	1	153
	Heat treating of metals.....	26	23	2	1	72
	Automatic screw machine department.....	25	14	10	1	263
	Machine shop.....	113	41	50	22	2,148
	Tool and die shop.....	36	19	13	4	363
	Stamping, blanking, and forming of metals.....	52	32	18	2	360
	Painting, lacquering, and enameling of metals.....	64	52	11	1	271
	Plastics molding.....	11	9	1	1	73
3824	Fluid meters and counting devices:					
	Nonferrous foundry (except die casting).....	1	-	-	1	(D)
	Nonferrous die casting.....	5	1	3	1	52
	Electroplating and other plating.....	8	5	3	-	39
	Heat treating of metals.....	5	5	-	-	11
	Automatic screw machine department.....	16	10	5	1	114
	Machine shop.....	40	12	12	16	1,408
	Tool and die shop.....	23	12	11	-	142
	Stamping, blanking, and forming of metals.....	27	20	5	2	125
	Painting, lacquering, and enameling of metals.....	30	26	4	-	76
	Plastics molding.....	9	3	4	2	163
3825	Instruments to measure electricity:					
	Ferrous foundry.....	1	1	-	-	(D)
	Nonferrous foundry (except die casting).....	3	3	-	-	8
	Nonferrous die casting.....	8	2	4	2	125
	Electroplating and other plating.....	44	29	7	8	423
	Heat treating of metals.....	24	13	11	-	118
	Automatic screw machine department.....	29	17	5	7	372
	Machine shop.....	149	75	50	24	1,749
	Tool and die shop.....	50	30	14	6	441
	Stamping, blanking, and forming of metals.....	86	45	24	17	1,234
	Painting, lacquering, and enameling of metals.....	89	70	16	3	351
	Plastics molding.....	28	13	11	4	347
3829	Measuring and controlling devices, n.e.c.:					
	Ferrous foundry.....	1	1	-	-	(D)
	Nonferrous foundry (except die casting).....	3	2	1	-	27
	Nonferrous die casting.....	2	1	1	-	(D)
	Electroplating and other plating.....	16	12	3	1	96
	Heat treating of metals.....	10	9	1	-	19
	Automatic screw machine department.....	20	13	7	-	91
	Machine shop.....	121	51	54	16	1,462
	Tool and die shop.....	33	19	12	2	210
	Stamping, blanking, and forming of metals.....	43	25	16	2	246
	Painting, lacquering, and enameling of metals.....	68	56	11	1	205
	Plastics molding.....	12	8	4	-	54
3873	Watches, clocks, and watchcases:					
	Electroplating and other plating.....	29	17	6	6	306
	Heat treating of metals.....	20	15	5	-	78
	Automatic screw machine department.....	25	9	7	9	511
	Machine shop.....	27	16	6	5	427
	Tool and die shop.....	38	15	14	9	583
	Stamping, blanking, and forming of metals.....	42	15	18	9	589

- Represents zero. D Withheld to avoid disclosing figures for individual companies.

¹Very small establishments were excluded from the mail portion of the 1972 Census of Manufactures and, in some instances, a few larger establishments failed to report data for metalworking operations. The result is an understatement of the number of establishments performing specific operations, primarily in the smallest size class, and, to a much smaller degree, in the number of production workers in the operation. The significance of this undercoverage is shown in table 1C.

²These size groups are based on the number of employees engaged in each specific operation, not on total employment in the establishment.

³See table 1C, footnote².

⁴Separate data cannot be published for Industry 3572, Typewriters, without revealing the operation of individual companies, so it has been combined with Industry 3579, Office machines, n.e.c.

TABLE 1B. Number of Establishments and Production Workers for Selected Metalworking Operations, by Industry: 1972

Code	Item	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers
		FERROUS FOUNDRY		NONFERROUS FOUNDRY		NONFERROUS DIE CASTING		FORGINGS--PRESSES, HAMMERS, OR UPSETTERS ¹		ELECTROPLATING AND OTHER PLATING ²	
	All industries, total.....	1,350	176,639	1,136	29,588	654	30,696	868	27,210	2,194	26,258
33	Primary metal industries.....	960	138,683	701	(D)	295	21,686	(NA)	(NA)	(NA)	(NA)
34	Fabricated metal products.....	93	9,192	148	4,262	92	2,008	517	17,796	626	7,927
35	Machinery, except electrical.....	245	18,763	210	3,116	63	1,515	234	3,572	387	(D)
36	Electric and electronic equipment.....	17	1,521	32	1,210	156	3,400	12	(D)	780	(D)
37	Transportation equipment.....	32	(D)	34	456	22	(D)	105	(D)	250	(D)
38	Instruments and related products.....	2	(D)	11	(D)	26	(D)	(NA)	(NA)	151	1,213
33	Primary metal industries, total.....	960	138,683	701	(D)	295	21,686	(NA)	(NA)	(NA)	(NA)
332	Iron and steel foundries.....	918	137,763	99	(D)	3	18	(NA)	(NA)	(NA)	(NA)
3321	Gray iron foundries.....	³ 640	³ 91,511	57	1,044	2	(D)	(NA)	(NA)	(NA)	(NA)
3322	Malleable iron foundries.....	³ 59	³ 16,622	4	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3324	Steel investment foundries.....	³ 57	³ 3,210	18	255	1	(NA)	(NA)	(NA)	(NA)	(NA)
3325	Steel foundries, n.e.c.....	³ 162	³ 26,420	20	539	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
336	Nonferrous foundries.....	42	920	602	18,422	292	21,668	(NA)	(NA)	(NA)	(NA)
3361	Aluminum foundries.....	18	413	³ 343	³ 11,501	³ 146	³ 13,310	(NA)	(NA)	(NA)	(NA)
3362	Brass, bronze, and copper foundries.....	16	331	³ 236	³ 5,825	³ 18	³ 356	(NA)	(NA)	(NA)	(NA)
3369	Nonferrous foundries, n.e.c.....	8	176	³ 23	³ 1,096	³ 128	³ 8,002	(NA)	(NA)	(NA)	(NA)
34	Fabricated metal products, total.....	93	9,192	148	4,262	92	2,008	517	17,796	626	7,927
342	Cutlery, handtools, and hardware.....	11	219	39	536	51	1,637	132	(D)	200	3,742
3421	Cutlery.....	1	(D)	(NA)	(NA)	(NA)	(NA)	20	112	16	169
3423	Hand and edge tools, n.e.c.....	2	(D)	(NA)	(NA)	(NA)	(NA)	85	1,796	51	577
3425	Handsaws and saw blades.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3	(D)	9	76
3429	Hardware, n.e.c.....	8	178	39	536	51	1,637	24	441	124	2,920
343	Plumbing and heating, except electric.....	22	(D)	25	(D)	(NA)	(NA)	3	(D)	46	885
3431	Metal sanitary ware.....	8	1,642	1	(D)	(NA)	(NA)	(NA)	(NA)	2	(D)
3432	Plumbing fittings and brass goods.....	3	(D)	24	720	(NA)	(NA)	3	(D)	41	764
3433	Heating equipment, except electric.....	11	1,368	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3	(D)
344	Fabricated structural metal products.....	16	671	14	(D)	(NA)	(NA)	62	556	43	417
3441	Fabricated structural metal.....	8	287	3	19	(NA)	(NA)	16	45	4	15
3442	Metal doors, sash, and trim.....	2	(D)	5	46	(NA)	(NA)	6	120	13	260
3443	Fabricated platework (boiler shops).....	5	(D)	2	(D)	(NA)	(NA)	15	287	7	17
3444	Sheet metalwork.....	1	(D)	(NA)	(NA)	(NA)	(NA)	9	34	8	18
3446	Architectural metalwork.....	(NA)	(NA)	4	22	(NA)	(NA)	14	49	9	50
3448	Prefabricated metal buildings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	1	(D)
3449	Miscellaneous metal work.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	1	(D)
345	Screw machine products, bolts, etc.....	2	23	1	(D)	10	(D)	28	809	122	1,010
3451	Screw machine products.....	1	(D)	1	(D)	2	(D)	6	58	26	113
3452	Bolts, nuts, rivets, and washers.....	1	(D)	(NA)	(NA)	8	78	22	751	96	89
346	Metal forgings and stampings.....	(NA)	(NA)	3	(D)	16	151	208	12,040	105	1,149
3462	Iron and steel forgings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	³ 163	³ 10,368	(NA)	(NA)
3463	Nonferrous forgings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	³ 29	³ 1,506	(NA)	(NA)
3465	Automotive stampings.....	(NA)	(NA)	(NA)	(NA)	6	91	5	69	27	504
3469	Metal stampings, n.e.c.....	(NA)	(NA)	3	(D)	10	60	11	97	78	645
348	Ordinance and accessories, n.e.c.....	1	(D)	(NA)	(NA)	(NA)	(NA)	21	865	27	290
3482	Small arms ammunition.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	7	43
3483	Ammunition, except for small arms, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	14	783	9	69
3484	Small arms.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5	68	5	65
3489	Ordinance and accessories, n.e.c.....	1	(D)	(NA)	(NA)	(NA)	(NA)	1	(D)	6	113
349	Miscellaneous fabricated metal products....	41	(D)	66	2,738	15	(D)	63	1,084	83	434
3493	Steel springs, except wire.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	15	325	(NA)	(NA)
3494	Valves and pipe fittings.....	30	4,478	46	2,457	(NA)	(NA)	24	559	36	195
3496	Miscellaneous fabricated wire products.....	(NA)	(NA)	(NA)	(NA)	1	(D)	(NA)	(NA)	(NA)	(NA)
3498	Fabricated pipe and fittings.....	2	(D)	6	59	(NA)	(NA)	9	84	12	45
3499	Fabricated metal products, n.e.c.....	9	318	14	222	14	85	15	116	35	194
35	Machinery, except electrical, total.....	245	18,763	210	3,116	63	1,515	234	3,572	387	(D)
351	Engines and turbines.....	10	(D)	8	(D)	3	798	6	142	18	(D)
3511	Turbines and turbine generator sets.....	2	(D)	1	(D)	(NA)	(NA)	6	142	3	(D)
3519	Internal combustion engines, n.e.c.....	8	784	7	250	3	798	(NA)	(NA)	15	244
352	Farm and garden machinery.....	26	(D)	9	(D)	(NA)	(NA)	61	1,223	(NA)	(NA)
3523	Farm machinery and equipment.....	23	4,966	6	35	(NA)	(NA)	55	1,082	(NA)	(NA)
3524	Lawn and garden equipment.....	3	(D)	3	(D)	(NA)	(NA)	6	141	(NA)	(NA)
353	Construction and related machinery.....	38	(D)	9	120	(NA)	(NA)	82	(D)	(NA)	(NA)
3531	Construction machinery.....	16	2,105	4	40	(NA)	(NA)	20	463	(NA)	(NA)
3532	Mining machinery.....	7	415	1	(D)	(NA)	(NA)	16	101	(NA)	(NA)
3533	Oilfield machinery.....	6	277	3	(D)	(NA)	(NA)	23	631	(NA)	(NA)
3534	Elevators and moving stairways.....	1	(D)	(NA)	(NA)	(NA)	(NA)	2	(D)	(NA)	(NA)
3535	Conveyors and conveying equipment.....	5	267	1	(D)	(NA)	(NA)	10	71	(NA)	(NA)
3536	Hoists, cranes, and monorails.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5	46	(NA)	(NA)
3537	Industrial trucks and tractors.....	3	74	(NA)	(NA)	(NA)	(NA)	6	43	(NA)	(NA)

See footnotes at end of table.

TABLE 1B. Number of Establishments and Production Workers for Selected Metalworking Operations, by Industry: 1972—Continued

Code	Item	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers
		FERROUS FOUNDRY		NONFERROUS FOUNDRY		NONFERROUS DIE CASTING		FORGINGS--PRESSES, HAMMERS, OR UPSETTERS ¹		ELECTROPLATING AND OTHER PLATING ²	
	Machinery, except electrical--Continued										
354	Metalworking machinery.....	28	1,790	36	263	33	339	28	183	96	289
3541	Machine tools, metal-cutting types.....	9	831	2	(D)	(NA)	(NA)	2	(D)	14	51
3542	Machine tools, metal-forming types.....	6	197	1	(D)	1	(D)	4	9	2	(D)
3544	Special dies, tools, jigs, and fixtures.....	7	161	25	177	24	286	11	53	30	50
3545	Machine tool accessories.....	2	(D)	4	30	2	(D)	5	(D)	37	136
3546	Power driven hand tools.....	(NA)	(NA)	3	(D)	3	(D)	4	23	7	35
3547	Rolling mill machinery.....	3	584	(NA)	(NA)	(NA)	(NA)	1	(D)	1	(D)
3549	Metalworking machinery, n.e.c.....	1	(D)	1	(D)	3	6	1	(D)	5	14
355	Special industry machinery.....	63	(D)	31	(D)	3	(D)	6	44	28	152
3551	Food products machinery.....	10	310	6	73	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3552	Textile machinery.....	15	878	6	51	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3553	Woodworking machinery.....	9	212	(NA)	(NA)	3	(D)	(NA)	(NA)	9	77
3554	Paper industries machinery.....	5	408	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3555	Printing trades machinery.....	3	(D)	5	11	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3559	Special industry machinery, n.e.c.....	21	976	12	107	(NA)	(NA)	6	44	19	75
356	General industrial machinery.....	44	3,922	82	1,149	3	9	21	360	45	170
3561	Pumps and pumping equipment.....	21	1,540	17	294	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3562	Ball and roller bearings.....	2	(D)	3	(D)	(NA)	(NA)	14	278	12	35
3563	Air and gas compressors.....	5	929	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3564	Blowers and fans.....	2	10	6	98	(NA)	(NA)	(NA)	(NA)	5	(D)
3565	Industrial patterns.....	5	20	34	292	3	9	1	(D)	2	(D)
3566	Speed changers, drives, and gears.....	4	580	1	(D)	(NA)	(NA)	3	4	8	12
3568	Power transmission equipment, n.e.c.....	3	440	17	415	(NA)	(NA)	3	(D)	11	34
3569	General industrial machinery, n.e.c.....	2	(D)	4	(D)	(NA)	(NA)	(NA)	(NA)	7	19
357	Office and computing machines.....	3	154	2	81	(NA)	(NA)	1	(D)	78	1,322
3573	Electronic computing equipment.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	47	747
3574	Calculating and accounting machines.....	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	8	(D)
3576	Scales and balances, except laboratory.....	2	(D)	1	(D)	(NA)	(NA)	1	(D)	4	(D)
3579	Office machines, n.e.c. and 3572, typewriters ³	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	19	252
358	Refrigeration and service machinery.....	6	(D)	3	(D)	7	(D)	(NA)	(NA)	18	94
3581	Automatic merchandising machines.....	(NA)	(NA)	(NA)	(NA)	5	31	(NA)	(NA)	9	44
3582	Commercial laundry equipment.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)
3585	Refrigeration and heating equipment.....	5	190	3	(D)	(NA)	(NA)	(NA)	(NA)	3	(D)
3589	Service industry machinery, n.e.c.....	1	(D)	(NA)	(NA)	2	(D)	(NA)	(NA)	4	22
359	Miscellaneous machinery, except electrical.	27	843	30	786	14	274	29	247	104	596
3592	Carburetors, pistons, rings, valves.....	6	548	11	596	4	(D)	4	(D)	24	278
3599	Machinery, except electric, n.e.c.....	21	295	19	190	10	(D)	25	(D)	80	318
36	Electric and electronic equipment, total.	17	1,521	32	1,210	156	3,400	4	(D)	780	(D)
361	Electric distributing equipment.....	2	(D)	5	163	(NA)	(NA)	(NA)	(NA)	89	579
3613	Switchgear and switchboard apparatus.....	2	(D)	5	163	(NA)	(NA)	(NA)	(NA)	89	579
362	Electrical industrial apparatus.....	1	(D)	2	11	59	732	(NA)	(NA)	51	280
3621	Motors and generators.....	1	(D)	1	(D)	59	732	(NA)	(NA)	23	88
3622	Industrial controls.....	(NA)	(NA)	1	(D)	(NA)	(NA)	(NA)	(NA)	28	192
363	Household appliances.....	6	(D)	4	165	32	974	1	(D)	(NA)	(NA)
3631	Household cooking equipment.....	5	334	1	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
3633	Household laundry equipment.....	(NA)	(NA)	(NA)	(NA)	4	153	(NA)	(NA)	(NA)	(NA)
3634	Electric housewares and fans.....	(NA)	(NA)	3	(D)	18	291	(NA)	(NA)	(NA)	(NA)
3635	Household vacuum cleaners.....	(NA)	(NA)	(NA)	(NA)	5	271	(NA)	(NA)	(NA)	(NA)
3636	Sewing machines.....	1	(D)	(NA)	(NA)	1	(D)	1	(D)	(NA)	(NA)
3639	Household appliances, n.e.c.....	(NA)	(NA)	(NA)	(NA)	2	(D)	(NA)	(NA)	(NA)	(NA)
364	Electric lighting and wiring equipment.....	7	922	31	871	30	658	11	341	147	1,627
3643	Current-carrying wiring devices.....	(NA)	(NA)	8	(D)	2	(D)	(NA)	(NA)	66	772
3644	Noncurrent-carrying wiring devices.....	7	922	12	406	14	298	11	341	17	231
3645	Residential lighting fixtures.....	(NA)	(NA)	9	65	5	13	(NA)	(NA)	37	300
3646	Commercial lighting fixtures.....	(NA)	(NA)	(NA)	(NA)	2	(D)	(NA)	(NA)	8	55
3647	Vehicular lighting equipment.....	(NA)	(NA)	1	(D)	2	(D)	(NA)	(NA)	7	161
3648	Lighting equipment, n.e.c.....	(NA)	(NA)	3	(D)	5	135	(NA)	(NA)	12	108
365	Radio and TV receiving equipment.....	(NA)	(NA)	(NA)	(NA)	3	(D)	(NA)	(NA)	10	113
3651	Radio and TV receiving sets.....	(NA)	(NA)	(NA)	(NA)	3	(D)	(NA)	(NA)	10	113
366	Communication equipment.....	(NA)	(NA)	(NA)	(NA)	12	(D)	(NA)	(NA)	157	(D)
3661	Telephone and telegraph apparatus.....	(NA)	(NA)	(NA)	(NA)	6	(D)	(NA)	(NA)	27	(D)
3662	Radio and TV communication equipment.....	(NA)	(NA)	(NA)	(NA)	6	129	(NA)	(NA)	130	1,191
367	Electronic components and accessories.....	(NA)	(NA)	(NA)	(NA)	9	166	(NA)	(NA)	306	3,293
3671	Electron tubes, receiving type.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)
3672	Cathode ray television picture tubes.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)
3673	Electron tubes, transmitting.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	21	232
3674	Semiconductors and related devices.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	42	652
3675	Electronic capacitors.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	19	63
3676	Electronic resistors.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7	28
3677	Electronic coils and transformers.....	(NA)	(NA)	(NA)	(NA)	1	(D)	(NA)	(NA)	8	(D)
3678	Electronic connectors.....	(NA)	(NA)	(NA)	(NA)	1	(D)	(NA)	(NA)	39	461
3679	Electronic components, n.e.c.....	(NA)	(NA)	(NA)	(NA)	7	47	(NA)	(NA)	167	1,632

See footnotes at end of table.

TABLE 1B. Number of Establishments and Production Workers for Selected Metalworking Operations, by Industry: 1972—Continued

Code	Item	Establishments	Production workers	Establishments	Production workers	Establishments	Production workers	Establishments	Production workers	Establishments	Production workers
		FERROUS FOUNDRY		NONFERROUS FOUNDRY		NONFERROUS DIE CASTING		FORGINGS--PRESSES, HAMMERS, OR UPSETTERS ¹		ELECTROPLATING AND OTHER PLATING ²	
	Electric and electronic equipment--Con.										
369	Miscellaneous electrical equipment and supplies.....	1	(D)	(NA)	(NA)	11	446	(NA)	(NA)	20	227
3694	Engine electrical equipment.....	1	(D)	(NA)	(NA)	11	446	(NA)	(NA)	20	227
37	Transportation equipment, total.....	32	(D)	34	456	22	(D)	105	(D)	250	(D)
371	Motor vehicles and equipment.....	19	6,581	10	(D)	22	(D)	45	(D)	114	3,566
3711	Motor vehicles and car bodies.....	3	(D)	(NA)	(NA)	1	(D)	4	433	9	(D)
3713	Truck and bus bodies.....	3	(D)	2	(D)	(NA)	(NA)	3	18	2	(D)
3714	Motor vehicle parts and accessories.....	13	4,047	8	171	21	1,609	37	3,247	103	2,232
3715	Truck trailers.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(NA)	(NA)
372	Aircraft and parts.....	4	97	19	146	(NA)	(NA)	28	1,158	102	1,445
3721	Aircraft.....	2	(D)	8	39	(NA)	(NA)	6	(D)	17	443
3724	Aircraft engines and engine-parts.....	2	(D)	5	22	(NA)	(NA)	9	(D)	31	518
3728	Aircraft equipment, n.e.c.....	(NA)	(NA)	6	85	(NA)	(NA)	13	142	54	484
373	Ship and boat building and repairing.....	5	(D)	4	(D)	(NA)	(NA)	16	120	(NA)	(NA)
3731	Ship building and repairing.....	5	(D)	4	(D)	(NA)	(NA)	16	120	(NA)	(NA)
3743	Railroad equipment.....	4	1,523	1	(D)	(NA)	(NA)	13	418	(NA)	(NA)
3751	Motorcycles, bicycles, and parts.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12	440
376	Guided missiles, space vehicles, parts.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3	18	16	711
3761	Guided missiles and space vehicles.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	9	78
3764	Space propulsion units and parts.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	2	(D)
3769	Space vehicle equipment, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	5	(D)
379	Miscellaneous transportation equipment.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	6	(D)
3795	Tanks and tank components.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)
3799	Transportation equipment, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4	35
38	Instruments and related products, total..	2	(D)	11	(D)	26	(D)	(NA)	(NA)	151	1,213
3811	Engineering and scientific instruments.....	(NA)	(NA)	(NA)	(NA)	2	(D)	(NA)	(NA)	24	68
382	Measuring and control devices.....	2	(D)	11	(D)	24	430	(NA)	(NA)	98	839
3822	Environmental controls.....	(NA)	(NA)	2	(D)	7	(D)	(NA)	(NA)	16	128
3823	Process control instruments.....	(NA)	(NA)	2	(D)	2	(D)	(NA)	(NA)	14	153
3824	Fluid meters and counting devices.....	(NA)	(NA)	1	(D)	5	52	(NA)	(NA)	8	39
3825	Instruments to measure electricity.....	1	(D)	3	8	8	125	(NA)	(NA)	44	423
3829	Measuring and controlling devices, n.e.c.....	1	(D)	3	27	2	(D)	(NA)	(NA)	16	96
3873	Watches, clocks, and watch cases.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	29	306
		GALVANIZING AND OTHER HOT-DIP COATING ⁴		HEAT TREATING OF METALS		AUTOMATIC SCREW MACHINE DEPARTMENT		MACHINE SHOP		TOOL AND DIE SHOP	
	All industries, total.....	377	3,505	3,231	25,983	3,466	49,416	18,828	569,200	8,590	130,263
33	Primary metal industries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	554	12,345	(NA)	(NA)
34	Fabricated metal products.....	181	1,588	984	6,359	1,423	(D)	3,989	71,694	2,627	(D)
35	Machinery, except electrical.....	19	(D)	1,368	(D)	1,261	14,227	9,913	(D)	3,872	(D)
36	Electric and electronic equipment.....	128	(D)	403	2,235	374	(D)	2,312	48,871	1,183	16,589
37	Transportation equipment.....	49	379	356	5,692	245	(D)	1,369	122,589	655	(D)
38	Instruments and related products.....	(NA)	(NA)	120	(D)	163	1,845	691	(D)	253	2,522
33	Primary metal industries, total.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	554	12,345	(NA)	(NA)
332	Iron and steel foundries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	287	7,813	(NA)	(NA)
3321	Gray iron foundries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	184	4,556	(NA)	(NA)
3322	Malleable iron foundries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	13	599	(NA)	(NA)
3324	Steel investment foundries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	26	419	(NA)	(NA)
3325	Steel foundries, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	64	2,239	(NA)	(NA)
336	Nonferrous foundries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	267	4,532	(NA)	(NA)
3361	Aluminum foundries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	144	2,483	(NA)	(NA)
3362	Brass, bronze, and copper castings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	78	1,416	(NA)	(NA)
3369	Nonferrous foundries, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	45	633	(NA)	(NA)
34	Fabricated metal products, total.....	181	1,588	984	6,359	1,423	(D)	3,989	71,694	2,627	(D)
341	Metal cans and shipping containers.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	277	4,277	33	234
3411	Metal cans.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	223	3,877	29	229
3412	Metal barrels, drums, and pails.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	54	400	4	5
342	Cutlery, handtools, and hardware.....	9	40	242	1,449	167	1,579	497	9,394	383	4,763
3421	Cutlery.....	(NA)	(NA)	35	219	3	(D)	30	329	27	249
3423	Hand and edge tools, n.e.c.....	(NA)	(NA)	143	828	74	689	189	4,418	111	1,366
3425	Handsaws and saw blades.....	(NA)	(NA)	26	273	2	(D)	28	411	11	111
3429	Hardware, n.e.c.....	9	40	38	129	88	845	250	4,236	234	3,037

See footnotes at end of table.

TABLE 1B. Number of Establishments and Production Workers for Selected Metalworking Operations, by Industry: 1972—Continued

Code	Item	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers
		GALVANIZING AND OTHER HOT-DIP COATING ⁴		HEAT TREATING OF METALS		AUTOMATIC SCREW MACHINE DEPARTMENT		MACHINE SHOP		TOOL AND DIE SHOP	
	Fabricated metal products--Continued										
343	Plumbing and heating, except electric.....	2	(D)	10	25	32	(D)	158	2,910	91	558
3431	Metal sanitary ware.....	2	(D)	(NA)	(NA)	2	(D)	14	247	7	46
3432	Plumbing fittings and brass goods.....	(NA)	(NA)	10	25	22	299	62	1,354	39	263
3433	Heating equipment, except electric.....	(NA)	(NA)	(NA)	(NA)	8	32	82	1,309	45	249
344	Fabricated structural metal products.....	65	801	129	543	6	36	842	7,633	264	1,206
3441	Fabricated structural metal.....	19	383	32	87	1	(D)	194	1,559	41	195
3442	Metal doors, sash, and trim.....	10	108	15	54	(NA)	(NA)	82	560	61	242
3443	Fabricated platework (boiler shops).....	10	115	65	269	1	(D)	272	3,841	35	205
3444	Sheet metalwork.....	19	147	9	100	2	(D)	211	1,093	91	349
3446	Architectural metalwork.....	3	(D)	5	16	(NA)	(NA)	40	247	17	89
3448	Prefabricated metal buildings.....	2	(D)	(NA)	(NA)	(NA)	(NA)	18	137	5	47
3449	Miscellaneous metalwork.....	2	(D)	3	17	2	(D)	25	196	14	79
345	Screw machine products, bolts, etc.....	21	(D)	173	1,218	962	16,902	633	11,400	334	3,215
3451	Screw machine products.....	2	(D)	36	138	³ 818	³ 13,520	421	6,484	145	550
3452	Bolts, nuts, rivets, and washers.....	19	80	137	1,080	144	3,382	212	4,916	189	2,665
346	Metal forgings and stampings.....	19	250	109	611	46	234	585	7,952	964	9,501
3462	Iron and steel forgings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	103	2,649	91	2,387
3463	Nonferrous forgings.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	17	372	17	379
3465	Automotive stampings.....	4	32	21	219	10	65	79	1,910	214	9,626
3466	Crowns and closures.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	28	459	5	57
3469	Metal stampings, n.e.c.....	15	218	88	392	36	169	358	2,562	637	4,014
348	Ordinance and accessories, n.e.c.....	8	(D)	49	873	36	861	111	6,046	61	(D)
3482	Small arms ammunition.....	(NA)	(NA)	8	187	6	109	17	591	7	(D)
3483	Ammunition, except for small arms, n.e.c.....	(NA)	(NA)	24	431	14	305	45	2,730	30	726
3484	Small arms.....	7	26	12	155	11	366	31	816	17	395
3489	Ordinance and accessories, n.e.c.....	1	(D)	5	100	5	81	18	1,909	7	116
349	Miscellaneous fabricated metal products....	57	364	272	1,640	174	2,579	886	22,082	497	3,020
3493	Steel springs, except wire.....	(NA)	(NA)	39	677	(NA)	(NA)	24	245	16	154
3494	Valves and pipe fittings.....	14	156	52	204	123	2,287	366	17,488	156	1,422
3495	Wire springs.....	4	20	96	367	5	45	71	421	66	316
3496	Miscellaneous fabricated wire products.....	25	138	17	47	5	17	85	443	89	284
3497	Metal foil and leaf.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	6	116	(NA)	(NA)
3498	Fabricated pipe fittings.....	7	27	23	73	17	146	70	793	25	122
3499	Fabricated metal products, n.e.c.....	7	23	45	272	24	84	264	2,576	145	722
35	Machinery, except electrical, total.....	19	(D)	1,368	(D)	1,261	14,227	9,913	(D)	3,872	(D)
351	Engines and turbines.....	(NA)	(NA)	41	671	25	(D)	118	27,891	68	2,258
3511	Turbines and turbine generator sets.....	(NA)	(NA)	14	197	4	(D)	35	8,563	18	856
3519	Internal combustion engines, n.e.c.....	(NA)	(NA)	27	474	21	627	83	19,328	50	1,402
352	Farm and garden machinery.....	(NA)	(NA)	99	1,075	60	659	451	14,230	234	2,373
3523	Farm machinery and equipment.....	(NA)	(NA)	75	952	43	509	386	12,641	185	2,007
3524	Lawn and garden equipment.....	(NA)	(NA)	24	123	17	150	65	1,589	49	366
353	Construction and related machinery.....	(NA)	(NA)	197	2,276	73	697	935	45,931	295	3,885
3531	Construction machinery.....	(NA)	(NA)	68	1,322	14	336	292	24,032	112	1,857
3532	Mining machinery.....	(NA)	(NA)	36	262	10	71	105	3,517	24	207
3533	Oilfield machinery.....	(NA)	(NA)	50	490	7	27	133	9,864	43	705
3534	Elevators and moving stairways.....	(NA)	(NA)	3	18	5	42	56	1,351	22	227
3535	Conveyors and conveying equipment.....	(NA)	(NA)	13	26	16	75	181	1,921	43	254
3536	Hoists, cranes, and monorails.....	(NA)	(NA)	10	85	10	98	71	1,994	20	248
3537	Industrial trucks and tractors.....	(NA)	(NA)	17	73	11	48	97	3,252	31	387
354	Metalworking machinery.....	(NA)	(NA)	424	1,846	264	2,462	1,887	55,237	1,876	29,289
3541	Machine tools, metal-cutting types.....	(NA)	(NA)	55	406	55	594	316	15,767	103	1,250
3542	Machine tools, metal-forming types.....	(NA)	(NA)	43	132	20	94	164	8,707	62	611
3544	Special dies, tools, jigs, and fixtures.....	(NA)	(NA)	166	437	66	463	923	14,216	1,511	25,007
3545	Machine tool accessories.....	(NA)	(NA)	118	536	67	486	288	7,871	120	1,624
3546	Power driven hand tools.....	(NA)	(NA)	23	145	29	555	57	3,555	28	276
3547	Rolling mill machinery.....	(NA)	(NA)	9	168	(NA)	(NA)	30	2,921	6	77
3549	Metalworking machinery, n.e.c.....	(NA)	(NA)	10	22	27	270	109	2,200	46	444
355	Special industry machinery.....	4	10	167	584	119	983	1,244	39,940	280	2,220
3551	Food products machinery.....	(NA)	(NA)	30	86	24	91	270	5,784	60	239
3552	Textile machinery.....	(NA)	(NA)	49	207	37	349	199	8,540	50	584
3553	Woodworking machinery.....	(NA)	(NA)	20	78	10	82	112	3,320	28	242
3554	Paper industries machinery.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	116	4,780	19	123
3555	Printing trades machinery.....	(NA)	(NA)	16	38	21	153	115	4,028	33	198
3559	Special industry machinery, n.e.c.....	4	10	52	175	27	308	432	13,488	90	840
356	General industrial machinery.....	12	(D)	215	2,348	229	4,685	1,080	44,708	354	4,100
3561	Pumps and pumping equipment.....	7	42	39	208	43	508	226	13,588	90	655
3562	Ball and roller bearings.....	(NA)	(NA)	63	1,242	58	2,759	74	4,625	41	1,147
3563	Air and gas compressors.....	1	(D)	12	102	16	350	56	4,466	29	391
3564	Blowers and fans.....	(NA)	(NA)	(NA)	(NA)	7	44	71	1,491	36	167
3565	Industrial patterns.....	(NA)	(NA)	4	10	4	19	52	318	20	129
3566	Speed changers, drives, and gears.....	(NA)	(NA)	37	230	37	211	144	7,598	31	262
3567	Industrial furnaces and ovens.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	69	612	(NA)	(NA)
3568	Power transmission equipment, n.e.c.....	(NA)	(NA)	44	528	43	669	103	6,800	47	622
3569	General industrial machinery, n.e.c.....	4	10	16	28	21	125	285	5,210	60	727

See footnotes at end of table.

TABLE 1B. Number of Establishments and Production Workers for Selected Metalworking Operations,
by Industry: 1972—Continued

Code	Item	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers
		GALVANIZING AND OTHER HOT-DIP COATING ⁴		HEAT TREATING OF METALS		AUTOMATIC SCREW MACHINE DEPARTMENT		MACHINE SHOP		TOOL AND DIE SHOP	
	Machinery, except electrical--Continued										
357	Office and computing machines.....	1	(D)	45	(D)	42	1,042	250	(D)	124	(D)
3573	Electronic computing equipment.....	1	(D)	17	77	9	135	140	3,670	54	583
3574	Calculating and accounting machines.....	(NA)	(NA)	6	(D)	7	(D)	16	(D)	12	(D)
3576	Scales and balances, except laboratory ⁵	(NA)	(NA)	6	15	2	(D)	33	587	15	77
3579	Office machines, n.e.c. and 3572, typewriters ⁵	(NA)	(NA)	16	142	24	421	61	1,750	43	651
358	Refrigeration and service machinery.....	2	(D)	34	358	51	(D)	351	10,775	199	2,496
3581	Automatic merchandising machines.....	(NA)	(NA)	2	(D)	1	(D)	16	116	21	144
3582	Commercial laundry equipment.....	(NA)	(NA)	2	(D)	3	5	35	389	8	43
3585	Refrigeration and heating equipment.....	2	(D)	23	293	27	495	152	7,864	122	2,008
3586	Measuring and dispensing pumps.....	(NA)	(NA)	3	21	9	149	29	1,128	14	160
3589	Service industry machinery, n.e.c.....	(NA)	(NA)	4	38	11	25	119	1,278	34	141
359	Miscellaneous machinery, except electrical.....	(NA)	(NA)	146	1,697	398	2,282	3,597	54,763	442	3,412
3592	Carburetors, pistons, rings, valves.....	(NA)	(NA)	20	169	13	228	66	6,500	32	1,094
3599	Miscellaneous machinery, except electrical...	(NA)	(NA)	126	1,528	385	2,054	3,531	48,263	410	2,318
36	Electric and electronic equipment, total.....	128	(D)	403	2,235	374	(D)	2,312	48,871	1,183	16,589
361	Electric distributing equipment.....	(NA)	(NA)	64	361	35	483	163	4,036	123	1,478
3612	Transformers.....	(NA)	(NA)	35	269	(NA)	(NA)	51	891	31	360
3613	Switchgear and switchboard apparatus.....	(NA)	(NA)	29	92	35	483	112	3,145	92	1,118
362	Electrical industrial apparatus.....	12	153	66	407	73	635	429	11,916	184	2,344
3621	Motors and generators.....	12	153	54	329	56	415	169	7,514	103	1,457
3622	Industrial controls.....	(NA)	(NA)	12	78	17	220	103	1,928	36	509
3623	Welding apparatus, electric.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	70	1,489	17	265
3624	Carbon and graphite products.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	28	498	9	52
3629	Electrical industrial apparatus, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	59	487	19	61
363	Household appliances.....	17	138	37	225	40	(D)	131	4,783	146	(D)
3631	Household cooking equipment.....	(NA)	(NA)	2	(D)	(NA)	(NA)	17	274	20	277
3632	Household refrigerators and freezers.....	1	(D)	1	(D)	2	(D)	6	764	12	408
3633	Household laundry equipment.....	2	(D)	6	27	6	206	13	1,113	16	391
3634	Electric housewares and fans.....	9	(D)	16	64	16	157	48	633	72	593
3635	Household vacuum cleaners.....	(NA)	(NA)	3	(D)	7	120	9	373	9	212
3636	Sewing machines.....	(NA)	(NA)	7	(D)	6	(D)	20	1,290	5	(D)
3639	Household appliances, n.e.c.....	2	(D)	2	(D)	3	9	18	336	12	144
364	Electric lighting and wiring equipment.....	36	907	44	289	57	757	311	5,127	221	2,690
3641	Electric lamps.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	27	389	(NA)	(NA)
3643	Current-carrying wiring devices.....	11	35	17	154	32	429	96	1,759	75	1,346
3644	Noncurrent-carrying wiring devices.....	25	872	14	93	10	177	61	1,636	35	329
3645	Residential lighting fixtures.....	(NA)	(NA)	6	12	7	72	43	323	29	72
3646	Commercial lighting fixtures.....	(NA)	(NA)	2	(D)	2	(D)	33	174	41	186
3647	Vehicular lighting equipment.....	(NA)	(NA)	3	12	4	49	9	384	15	587
3648	Lighting equipment, n.e.c.....	(NA)	(NA)	2	(D)	2	(D)	42	462	26	170
365	Radio and TV receiving equipment.....	(NA)	(NA)	(NA)	(NA)	5	76	41	455	34	604
3651	Radio and TV receiving sets.....	(NA)	(NA)	(NA)	(NA)	5	76	41	455	34	604
366	Communication equipment.....	24	(D)	82	406	66	862	573	12,797	169	(D)
3661	Telephone and telegraph apparatus.....	7	(D)	23	219	20	573	51	3,860	40	(D)
3662	Radio and TV communication equipment.....	17	130	59	187	46	289	492	8,937	129	1,097
367	Electronic components and accessories.....	39	107	98	410	74	1,468	514	6,899	260	2,493
3671	Electron tubes, receiving type.....	(NA)	(NA)	1	(D)	(NA)	(NA)	3	(D)	2	(D)
3672	Cathode ray television pictures tubes.....	(NA)	(NA)	3	21	(NA)	(NA)	4	109	1	(D)
3673	Electron tubes, transmitting.....	(NA)	(NA)	15	107	3	(D)	33	1,039	15	180
3674	Semiconductors and related devices.....	6	27	12	71	3	(D)	51	825	18	408
3675	Electronic capacitors.....	6	12	3	9	6	26	40	352	20	101
3676	Electronic resistors.....	3	15	1	(D)	6	(D)	31	362	17	280
3677	Electronic coils and transformers.....	1	(D)	6	26	3	37	65	684	29	114
3678	Electronic connectors.....	3	8	17	71	22	962	53	1,201	42	649
3679	Electronic components, n.e.c.....	20	44	40	90	31	233	234	2,267	116	677
369	Miscellaneous electrical equipment and supplies.....	(NA)	(NA)	12	137	24	916	180	2,858	46	(D)
3691	Storage batteries.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	21	293	2	(D)
3692	Primary batteries, dry and wet.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	23	383	6	19
3693	X-ray apparatus and tubes.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	33	580	10	81
3694	Engine electrical equipment.....	(NA)	(NA)	12	137	24	916	42	997	28	1,476
3699	Electrical equipment and supplies, n.e.c.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	61	605	(NA)	(NA)
37	Transportation equipment, total.....	49	379	356	5,692	245	(D)	1,369	122,589	655	(D)
371	Motor vehicles and equipment.....	24	(D)	154	(D)	135	3,434	491	60,389	326	16,712
3711	Motor vehicles and car bodies.....	(NA)	(NA)	11	580	11	210	37	12,065	47	4,696
3713	Truck and bus bodies.....	1	(D)	6	17	1	(D)	73	837	28	209
3714	Motor vehicle parts and accessories.....	23	88	136	3,106	122	3,218	352	47,320	243	11,753
3715	Truck trailers.....	(NA)	(NA)	1	(D)	1	(D)	29	167	8	54

See footnotes at end of table.

TABLE 1B. Number of Establishments and Production Workers for Selected Metalworking Operations, by Industry: 1972—Continued

Code	Item	Establishments	Production workers	Establishments	Production workers	Establishments	Production workers	Establishments	Production workers	Establishments	Production workers
		GALVANIZING AND OTHER HOT-DIP COATING ⁴		HEAT TREATING OF METALS		AUTOMATIC SCREW MACHINE DEPARTMENT		MACHINE SHOP		TOOL AND DIE SHOP	
	Transportation equipment--Continued										
372	Aircraft and parts.....	19	(D)	146	1,750	77	763	442	46,916	189	9,261
3721	Aircraft.....	8	101	28	555	10	145	48	8,113	32	4,829
3724	Aircraft engines and engine parts.....	4	(D)	54	813	22	207	128	24,264	61	2,853
3728	Aircraft equipment, n.e.c.....	7	47	64	382	45	411	266	14,539	96	1,579
373	Ship and boat building and repairing.....	(NA)	(NA)	27	144	(NA)	(NA)	224	5,090	32	305
3731	Ship building and repairing.....	(NA)	(NA)	20	128	(NA)	(NA)	151	4,705	14	221
3732	Boat building and repairing.....	(NA)	(NA)	7	16	(NA)	(NA)	73	385	18	84
3743	Railroad equipment.....	(NA)	(NA)	(NA)	(NA)	5	84	40	4,317	26	787
3751	Motorcycles, bicycles, and parts.....	(NA)	(NA)	(NA)	(NA)	10	232	30	1,087	24	468
376	Guided missiles, space vehicles, parts....	5	58	26	75	8	90	78	3,841	31	649
3761	Guided missiles and space vehicles.....	3	(D)	9	39	3	(D)	22	1,826	14	522
3764	Space propulsion units and parts.....	1	(D)	9	21	1	(D)	22	1,205	6	62
3769	Space vehicle equipment, n.e.c.....	1	(D)	8	15	4	79	34	810	11	65
379	Miscellaneous transportation equipment....	1	(D)	3	(D)	10	(D)	64	949	27	(D)
3795	Tanks and tank components.....	1	(D)	3	(D)	1	(D)	11	581	5	(D)
3799	Transportation equipment, n.e.c.....	(NA)	(NA)	(NA)	(NA)	9	35	53	368	22	64
38	Instruments and related products, total..	(NA)	(NA)	120	(NA)	163	1,845	691	(D)	253	2,522
3811	Engineering and scientific instruments.....	(NA)	(NA)	17	(D)	23	88	203	(D)	42	221
382	Measuring and control devices.....	(NA)	(NA)	83	269	115	1,246	461	8,097	173	1,718
3822	Environmental controls.....	(NA)	(NA)	18	49	25	406	38	1,330	31	562
3823	Process control instruments.....	(NA)	(NA)	26	72	25	263	113	2,148	36	363
3824	Fluid meters and counting devices.....	(NA)	(NA)	5	11	16	114	40	1,408	23	142
3825	Instruments to measure electricity.....	(NA)	(NA)	24	118	29	372	149	1,749	50	44
3829	Measuring and controlling devices, n.e.c.....	(NA)	(NA)	10	19	20	91	121	1,462	33	210
3873	Watches, clocks, and watchcases.....	(NA)	(NA)	20	(D)	25	511	27	(D)	38	583
		FOUNDRY PATTERN SHOP		PLATE OR STRUCTURAL FABRICATION		STAMPING, BLANKING, AND FORMING OF METALS		PAINTING, LACQUERING, AND ENAMELING OF METALS		PLASTICS MOLDING	
	All industries, total.....	1,694	13,550	6,270	197,958	11,602	343,628	11,197	93,091	828	20,830
33	Primary metal industries.....	592	3,782	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
34	Fabricated metal products.....	206	1,827	2,340	75,287	5,130	194,217	3,592	25,940	(NA)	(NA)
35	Machinery, except electrical.....	757	6,332	2,929	63,450	3,300	49,841	4,287	20,565	34	631
36	Electric and electronic equipment.....	38	176	406	9,054	1,870	42,961	1,739	18,563	471	11,001
37	Transportation equipment.....	101	1,433	595	50,167	950	52,889	1,218	26,610	234	8,170
38	Instruments and related products.....	(NA)	(NA)	(NA)	(NA)	352	3,720	361	1,413	89	1,028
33	Primary metal industries, total.....	592	3,782	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
332	Iron and steel foundries.....	403	2,802	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3321	Gray iron foundries.....	225	1,526	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3322	Malleable iron foundries.....	36	289	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3324	Steel investment foundries.....	22	190	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3325	Steel foundries, n.e.c.....	90	797	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
336	Nonferrous foundries.....	189	980	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3361	Aluminum foundries.....	126	657	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3362	Brass, bronze, and copper castings.....	53	197	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3369	Nonferrous foundries, n.e.c.....	10	126	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
34	Fabricated metal products, total.....	206	1,827	2,340	75,287	5,130	194,217	3,592	25,940	(NA)	(NA)
341	Metal cans and shipping containers.....	(NA)	(NA)	41	2,753	303	23,319	244	5,378	(NA)	(NA)
3411	Metal cans.....	(NA)	(NA)	35	2,619	217	20,940	147	4,748	(NA)	(NA)
3412	Metal barrels, drums, and pails.....	(NA)	(NA)	■	134	86	2,379	97	630	(NA)	(NA)
342	Cutlery, handtools, and hardware.....	23	72	31	472	554	15,511	394	2,564	(NA)	(NA)
3421	Cutlery.....	(NA)	(NA)	(NA)	(NA)	48	536	18	48	(NA)	(NA)
3423	Hand and edge tools, n.e.c.....	(NA)	(NA)	(NA)	(NA)	147	1,997	143	641	(NA)	(NA)
3425	Handsaws and saw blades.....	(NA)	(NA)	(NA)	(NA)	29	531	18	68	(NA)	(NA)
3429	Hardware, n.e.c.....	23	72	31	472	330	12,447	215	1,807	(NA)	(NA)
343	Plumbing and heating, except electric.....	34	218	51	(D)	155	4,216	149	2,134	(NA)	(NA)
3431	Metal sanitary ware.....	7	85	1	(D)	23	890	21	1,348	(NA)	(NA)
3432	Plumbing fittings and brass goods.....	16	53	5	98	32	421	15	42	(NA)	(NA)
3433	Heating equipment, except electric.....	11	80	45	710	100	2,905	113	744	(NA)	(NA)
344	Fabricated structural metal products.....	42	730	1,810	63,523	1,449	27,354	1,561	6,758	(NA)	(NA)
3441	Fabricated structural metal.....	20	156	3,797	32,101	227	2,745	501	2,034	(NA)	(NA)
3442	Metal doors, sash, and trim.....	4	13	38	1,028	155	4,222	139	894	(NA)	(NA)
3443	Fabricated platework (boiler shops).....	10	(D)	543	22,241	240	2,474	349	1,305	(NA)	(NA)
3444	Sheet metalwork.....	3	4	214	3,358	636	13,906	299	1,340	(NA)	(NA)
3446	Architectural metalwork.....	3	13	130	1,587	92	1,478	189	487	(NA)	(NA)
3448	Prefabricated metal buildings.....	1	(D)	40	1,972	43	1,237	50	481	(NA)	(NA)
3449	Miscellaneous metalwork.....	1	(D)	48	1,236	56	1,292	34	217	(NA)	(NA)

See footnotes at end of table.

TABLE 1B. Number of Establishments and Production Workers for Selected Metalworking Operations, by Industry: 1972—Continued

Code	Item	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers
		FOUNDRY PATTERN SHOP		PLATE OR STRUCTURAL FABRICATION		STAMPING, BLANKING, AND FORMING OF METALS		PAINTING, LACQUER- ING, AND ENAMELING OF METALS		PLASTICS MOLDING	
	Fabricated metal products--Continued										
345	Screw machine products, bolts, etc.....	(NA)	(NA)	15	272	247	6,769	48	421	(NA)	(NA)
3451	Screw machine products.....	(NA)	(NA)	6	39	68	392	18	127	(NA)	(NA)
3452	Bolts, nuts, rivets, and washers.....	(NA)	(NA)	9	233	179	6,377	30	294	(NA)	(NA)
346	Metal forgings and stampings.....	30	(D)	76	(D)	1,522	183,712	410	5,129	(NA)	(NA)
3465	Automotive stampings.....	12	(D)	8	212	³ 365	³ 52,211	91	1,147	(NA)	(NA)
3466	Crowns and closures.....	(NA)	(NA)	2	(D)	37	2,455	17	499	(NA)	(NA)
3469	Metal stampings, n.e.c.....	18	84	66	600	³ 1,120	³ 29,046	302	3,483	(NA)	(NA)
348	Ordinance and accessories, n.e.c.....	(NA)	(NA)	10	460	64	(D)	55	(D)	(NA)	(NA)
3482	Small arms ammunition.....	(NA)	(NA)	1	(D)	16	1,643	4	(D)	(NA)	(NA)
3483	Ammunition, except for small arms, n.e.c.....	(NA)	(NA)	5	(D)	26	1,113	37	468	(NA)	(NA)
3484	Small arms.....	(NA)	(NA)	1	(D)	15	285	7	40	(NA)	(NA)
3489	Ordinance and accessories, n.e.c.....	(NA)	(NA)	3	(D)	7	(D)	7	49	(NA)	(NA)
349	Miscellaneous fabricated metal products....	77	(D)	306	6,079	836	(D)	731	(D)	(NA)	(NA)
3493	Steel springs, except wire.....	(NA)	(NA)	2	(D)	29	1,351	26	78	(NA)	(NA)
3494	Valves and pipe fittings.....	53	352	39	704	77	1,307	160	492	(NA)	(NA)
3495	Wire springs.....	(NA)	(NA)	4	(D)	120	2,415	90	206	(NA)	(NA)
3496	Miscellaneous fabricated wire products.....	(NA)	(NA)	27	367	166	2,405	114	449	(NA)	(NA)
3497	Metal foil and leaf.....	(NA)	(NA)	(NA)	(NA)	5	(D)	4	22	(NA)	(NA)
3498	Fabricated pipe and fittings.....	1	(D)	34	918	43	667	34	109	(NA)	(NA)
3499	Fabricated metal products, n.e.c.....	23	59	200	3,968	396	21,817	303	(D)	(NA)	(NA)
35	Machinery, except electrical, total.....	757	6,332	2,929	63,450	3,300	49,841	4,287	20,565	34	(D)
351	Engines and turbines.....	13	129	25	2,767	37	1,374	73	665	(NA)	(NA)
3511	Turbines and turbine generator sets.....	6	96	17	2,452	9	439	18	201	(NA)	(NA)
3519	Internal combustion engines, n.e.c.....	7	33	8	315	28	935	55	464	(NA)	(NA)
352	Farm and garden machinery.....	28	208	223	4,469	449	8,799	576	3,552	(NA)	(NA)
3523	Farm machinery and equipment.....	25	204	210	4,198	379	7,511	497	2,881	(NA)	(NA)
3524	Lawn and garden equipment.....	3	4	13	271	70	1,288	79	671	(NA)	(NA)
353	Construction and related machinery.....	55	(D)	759	28,498	456	7,293	911	5,142	(NA)	(NA)
3531	Construction machinery.....	27	141	232	14,682	143	4,049	289	2,805	(NA)	(NA)
3532	Mining machinery.....	12	51	65	2,365	18	116	78	258	(NA)	(NA)
3533	Oilfield machinery.....	(NA)	(NA)	62	1,980	22	157	90	416	(NA)	(NA)
3534	Elevators and moving stairways.....	1	(D)	57	889	35	579	66	358	(NA)	(NA)
3535	Conveyors and conveying equipment.....	8	66	179	3,688	128	1,114	192	588	(NA)	(NA)
3536	Hoists, cranes, and monorails.....	4	11	67	2,398	29	358	73	241	(NA)	(NA)
3537	Industrial trucks and tractors.....	3	5	97	2,496	81	920	123	476	(NA)	(NA)
354	Metalworking machinery.....	115	1,085	264	(D)	542	(D)	406	1,308	(NA)	(NA)
3541	Machine tools, metal-cutting types.....	17	155	50	396	26	155	132	525	(NA)	(NA)
3542	Machine tools, metal-forming types.....	15	62	53	1,192	26	161	79	243	(NA)	(NA)
3544	Special dies, tools, jigs, and fixtures.....	72	809	99	533	389	2,505	69	172	(NA)	(NA)
3545	Machine tool accessories.....	1	(D)	13	57	46	589	34	73	(NA)	(NA)
3546	Power driven hand tools.....	2	(D)	1	(D)	19	92	24	103	(NA)	(NA)
3547	Rolling mill machinery.....	5	45	13	607	2	(D)	9	37	(NA)	(NA)
3548	Metalworking machinery, n.e.c.....	3	3	35	193	34	231	59	155	(NA)	(NA)
355	Special industry machinery.....	110	455	545	8,786	382	3,375	723	2,481	(NA)	(NA)
3551	Food products machinery.....	15	68	142	2,592	123	993	175	530	(NA)	(NA)
3552	Textile machinery.....	25	88	60	868	75	711	99	312	(NA)	(NA)
3553	Woodworking machinery.....	6	53	63	672	30	275	73	271	(NA)	(NA)
3554	Paper industries machinery.....	12	57	47	667	(NA)	(NA)	61	153	(NA)	(NA)
3555	Printing trades machinery.....	14	38	24	244	32	135	65	216	(NA)	(NA)
3559	Special industry machinery, n.e.c.....	38	192	219	3,743	122	1,260	250	603	(NA)	(NA)
356	General industrial machinery.....	376	(D)	377	7,823	408	6,208	624	2,259	(NA)	(NA)
3561	Pumps and pumping equipment.....	36	190	56	885	40	268	154	763	(NA)	(NA)
3562	Ball and roller bearings.....	2	(D)	2	(D)	43	1,270	9	45	(NA)	(NA)
3563	Air and gas compressors.....	8	117	37	1,011	24	149	50	221	(NA)	(NA)
3564	Blowers and fans.....	6	27	61	2,557	83	1,363	93	417	(NA)	(NA)
3565	Industrial patterns.....	288	3,401	7	41	5	29	6	7	(NA)	(NA)
3566	Speed changers, drives, and gears.....	12	44	7	(D)	19	202	39	113	(NA)	(NA)
3567	Industrial furnaces and ovens.....	(NA)	(NA)	74	1,287	54	899	68	206	(NA)	(NA)
3568	Power transmission equipment, n.e.c.....	12	30	8	66	38	1,226	27	70	(NA)	(NA)
3569	General industrial machinery, n.e.c.....	12	69	125	1,765	102	802	178	417	(NA)	(NA)
357	Office and computing machines.....	(NA)	(NA)	36	380	133	(D)	124	897	34	631
3573	Electronic computing equipment.....	(NA)	(NA)	11	60	48	949	38	266	19	317
3574	Calculating and accounting machines.....	(NA)	(NA)	(NA)	(NA)	17	(D)	10	155	5	(D)
3576	Scales and balances, except laboratory.....	(NA)	(NA)	18	272	19	155	37	135	(NA)	(NA)
3579	Office machines, n.e.c. and 3572, typewriters ⁵	(NA)	(NA)	7	48	49	1,088	39	341	10	(D)
358	Refrigeration and service machinery.....	16	(D)	171	(D)	126	12,955	472	3,471	(NA)	(NA)
3581	Automatic merchandising machines.....	(NA)	(NA)	7	(D)	32	1,188	26	324	(NA)	(NA)
3582	Commercial laundry equipment.....	(NA)	(NA)	23	238	21	176	40	111	(NA)	(NA)
3585	Refrigeration and heating equipment.....	14	63	72	2,204	251	10,000	264	2,460	(NA)	(NA)
3586	Measuring and dispensing pumps.....	2	(D)	6	198	16	519	21	193	(NA)	(NA)
3589	Service industry machinery, n.e.c.....	(NA)	(NA)	63	970	106	1,072	121	383	(NA)	(NA)

See footnotes at end of table.

TABLE 1B. Number of Establishments and Production Workers for Selected Metalworking Operations, by Industry: 1972—Continued

Code	Item	Establishments	Production workers	Establishments	Production workers	Establishments	Production workers	Establishments	Production workers	Establishments	Production workers
		FOUNDRY PATTERN SHOP		PLATE OR STRUCTURAL FABRICATION		STAMPING, BLANKING, AND FORMING OF METALS		PAINTING, LACQUERING, AND ENAMELING OF METALS		PLASTICS MOLDING	
	Machinery, except electrical--Continued										
359	Miscellaneous machinery, except electrical.	44	207	529	3,990	467	3,184	378	790	(NA)	(NA)
3592	Carburetors, pistons, rings, valves.....	6	76	4	15	11	442	10	34	(NA)	(NA)
3599	Miscellaneous machinery, except electrical, n.e.c.....	38	131	525	3,975	456	2,769	368	756	(NA)	(NA)
36	Electric and electronic equipment, total.	38	176	406	9,054	1,870	42,961	1,739	18,563	471	11,001
361	Electric distributing equipment.....	9	19	116	3,718	235	5,546	254	1,613	36	917
3612	Transformers.....	(NA)	(NA)	46	1,953	70	1,635	85	809	(NA)	(NA)
3613	Switchgear and switchboard apparatus.....	8	19	70	1,765	165	3,911	169	804	36	917
362	Electrical industrial apparatus.....	5	(D)	85	1,519	258	4,262	314	(D)	25	702
3621	Motors and generators.....	4	9	21	624	120	2,426	140	902	(NA)	(NA)
3622	Industrial controls.....	1	(D)	38	602	59	1,124	97	432	25	702
3623	Welding apparatus, electric.....	(NA)	(NA)	26	293	21	292	35	118	(NA)	(NA)
3624	Carbon and graphite products.....	(NA)	(NA)	(NA)	(NA)	12	41	1	(D)	(NA)	(NA)
3629	Electrical industrial apparatus, n.e.c.....	(NA)	(NA)	(NA)	(NA)	46	379	41	174	(NA)	(NA)
363	Household appliances.....	11	46	21	687	238	13,044	203	8,862	64	2,595
3631	Household cooking equipment.....	5	23	5	(D)	48	3,355	42	2,432	1	(D)
3632	Household refrigerators and freezers.....	1	(D)	(NA)	(NA)	22	3,781	19	2,322	(NA)	(NA)
3633	Household laundry equipment.....	(NA)	(NA)	1	(D)	18	2,171	15	2,314	9	370
3634	Electric housewares and fans.....	4	10	8	46	93	2,260	73	742	41	1,508
3635	Household vacuum cleaners.....	1	(D)	(NA)	(NA)	14	423	14	265	9	578
3636	Sewing machines.....	(NA)	(NA)	(NA)	(NA)	13	63	9	106	(NA)	(NA)
3639	Household appliances, n.e.c.....	(NA)	(NA)	7	45	30	991	31	681	3	(D)
364	Electric lighting and wiring equipment.....	13	(D)	66	1,245	429	8,519	360	3,696	69	1,645
3643	Current-carrying wiring devices.....	3	(D)	11	65	115	1,711	34	145	55	1,335
3644	Noncurrent-carrying wire devices.....	10	84	13	859	65	2,319	45	391	14	310
3645	Residential lighting fixtures.....	(NA)	(NA)	9	60	70	687	118	941	(NA)	(NA)
3646	Commercial lighting fixtures.....	(NA)	(NA)	19	128	103	2,226	102	1,027	(NA)	(NA)
3647	Vehicular lighting equipment.....	(NA)	(NA)	(NA)	(NA)	20	801	12	427	(NA)	(NA)
3648	Lighting equipment, n.e.c.....	(NA)	(NA)	14	133	56	775	49	765	(NA)	(NA)
365	Radio and TV receiving equipment.....	(NA)	(NA)	(NA)	(NA)	39	815	29	221	(NA)	(NA)
3651	Radio and TV receiving sets.....	(NA)	(NA)	(NA)	(NA)	39	815	29	221	(NA)	(NA)
366	Communication equipment.....	(NA)	(NA)	83	1,633	273	4,914	306	1,413	105	2,580
3661	Telephone and telegraph apparatus.....	(NA)	(NA)	13	550	40	2,706	37	394	22	1,905
3662	Radio and TV communication equipment.....	(NA)	(NA)	70	1,083	233	2,208	269	1,040	83	675
367	Electronic components and accessories.....	(NA)	(NA)	29	216	283	(D)	198	(D)	172	2,562
3671	Electron tubes, receiving type.....	(NA)	(NA)	(NA)	(NA)	2	(D)	(NA)	(NA)	(NA)	(NA)
3672	Cathode ray television picture tubes.....	(NA)	(NA)	(NA)	(NA)	4	12	1	(D)	(NA)	(NA)
3673	Electron tubes, transmitting.....	(NA)	(NA)	3	(D)	17	197	21	133	(NA)	(NA)
3674	Semiconductors and related devices.....	(NA)	(NA)	5	46	17	358	16	58	22	319
3675	Electronic capacitors.....	(NA)	(NA)	2	(D)	15	83	11	22	10	129
3676	Electronic resistors.....	(NA)	(NA)	1	(D)	11	141	2	(D)	15	110
3677	Electronic coils and transformers.....	(NA)	(NA)	2	(D)	40	220	49	134	32	273
3678	Electronic connectors.....	(NA)	(NA)	(NA)	(NA)	31	726	8	40	32	1,122
3679	Electronic components, n.e.c.....	(NA)	(NA)	16	136	146	1,233	90	303	61	609
369	Miscellaneous electrical equipment and supplies.....	(NA)	(NA)	6	36	115	(D)	75	408	(NA)	(NA)
3691	Storage batteries.....	(NA)	(NA)	(NA)	(NA)	9	28	(NA)	(NA)	(NA)	(NA)
3692	Primary batteries, dry and wet.....	(NA)	(NA)	(NA)	(NA)	12	94	(NA)	(NA)	(NA)	(NA)
3693	X-ray apparatus and tubes.....	(NA)	(NA)	6	36	20	342	19	210	(NA)	(NA)
3694	Engine electrical equipment.....	(NA)	(NA)	(NA)	(NA)	34	1,466	30	104	(NA)	(NA)
3699	Electrical equipment and supplies, n.e.c.....	(NA)	(NA)	(NA)	(NA)	40	(D)	26	94	(NA)	(NA)
37	Transportation equipment, total.....	101	1,433	595	50,167	950	52,889	1,218	26,610	234	8,170
371	Motor vehicles and equipment.....	33	533	241	6,631	498	38,206	575	15,853	61	(D)
3711	Motor vehicles and car bodies.....	5	(D)	21	458	34	8,715	70	12,415	9	(D)
3713	Truck and bus bodies.....	6	26	107	1,923	110	2,157	183	1,012	13	135
3714	Motor vehicle parts and accessories.....	20	311	52	1,508	304	26,635	240	1,946	39	1,724
3715	Truck trailers.....	2	(D)	61	2,742	50	699	82	480	(NA)	(NA)
372	Aircraft and parts.....	34	562	75	9,150	166	6,698	170	2,766	49	(D)
3721	Aircraft.....	16	351	26	4,627	38	3,121	43	1,751	23	1,436
3724	Aircraft engines and engine parts.....	5	41	17	1,155	43	1,255	34	267	5	(D)
3728	Aircraft equipment, n.e.c.....	12	170	32	3,368	85	2,322	93	748	21	858
373	Ship and boat building and repairing.....	26	234	173	24,576	59	2,263	171	5,125	107	2,857
3731	Ship building and repairing.....	18	124	130	24,063	32	1,931	110	4,856	12	85
3732	Boat building and repairing.....	8	110	43	513	27	332	61	269	95	2,772
3743	Railroad equipment.....	(NA)	(NA)	42	6,978	36	1,758	50	1,327	(NA)	(NA)
3751	Motorcycles, bicycles, and parts.....	(NA)	(NA)	(NA)	(NA)	45	1,798	32	573	(NA)	(NA)
376	Guided missiles, space vehicles, parts.....	8	104	17	(D)	33	567	30	(D)	17	448
3761	Guided missiles and space vehicles.....	5	(D)	10	1,741	14	335	17	130	13	312
3764	Space propulsion units and parts.....	1	(D)	4	16	10	149	5	25	2	(D)
3769	Space vehicle equipment, n.e.c.....	2	(D)	3	(D)	11	83	8	(D)	2	(D)

See footnotes at end of table.

TABLE 1B. Number of Establishments and Production Workers for Selected Metalworking Operations, by Industry: 1972—Continued

Code	Item	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	Establish- ments	Production workers	
		FOUNDRY PATTERN SHOP		PLATE OR STRUCTURAL FABRICATION		STAMPING, BLANKING, AND FORMING OF METALS		PAINTING, LACQUER- ING, AND ENAMELING OF METALS		PLASTICS MOLDING		
	Transportation equipment--Continued											
379	Miscellaneous transportation equipment.....	(NA)	(NA)	47	(D)	111	1,599	190	(D)	(NA)	(NA)	
3792	Travel trailers and campers.....	(NA)	(NA)	45	618	22	378	60	409	(NA)	(NA)	
3795	Tanks and tank components.....	(NA)	(NA)	2	(D)	5	154	6	(D)	(NA)	(NA)	
3799	Transportation equipment, n.e.c.....	(NA)	(NA)	(NA)	(NA)	84	1,067	124	318	(NA)	(NA)	
38	Instruments and related products, total..	(NA)	(NA)	(NA)	(NA)	352	3,720	361	1,413	89	1,028	
3811	Engineering and scientific instruments.....	(NA)	(NA)	(NA)	(NA)	66	496	96	351	17	94	
382	Measuring and control devices.....	(NA)	(NA)	(NA)	(NA)	244	2,635	265	1,062	72	934	
3822	Environmental controls.....	(NA)	(NA)	(NA)	(NA)	36	670	14	159	12	297	
3823	Process control instruments.....	(NA)	(NA)	(NA)	(NA)	52	360	64	271	11	73	
3824	Fluid meters and counting devices.....	(NA)	(NA)	(NA)	(NA)	27	125	30	76	9	163	
3825	Instruments to measure electricity.....	(NA)	(NA)	(NA)	(NA)	86	1,234	89	351	28	347	
3829	Measuring and controlling devices, n.e.c.....	(NA)	(NA)	(NA)	(NA)	43	246	68	205	12	54	
3873	Watches, clocks, and watchcases.....	(NA)	(NA)	(NA)	(NA)	42	589	(NA)	(NA)	(NA)	(NA)	
		ASSEMBLY OF PRODUCT				SHIPPING (INCLUDING PACKING AND CRATING)		POWDER METALLURGY				
	All industries, total.....	3,607		(D)		1,147		10,576		132		3,104
34	Fabricated metal products.....	8		(D)		8		178		(NA)		(NA)
35	Machinery, except electric.....	2,277		159,030		1,139		10,398		84		1,960
36	Electrical equipment and supplies.....	1,322		175,009		(NA)		(NA)		33		360
37	Transportation equipment.....	(NA)		(NA)		(NA)		(NA)		15		784
34	Fabricated metal products, total.....	8		(D)		8		178		(NA)		(NA)
343	Plumbing and heating, except electric.....	8		(D)		8		178		(NA)		(NA)
3433	Heating equipment, except electric.....	8		(D)		8		178		(NA)		(NA)
346	Metal forging and stampings.....	(NA)		(NA)		(NA)		(NA)		(NA)		(NA)
3462	Iron and steel forgings.....	(NA)		(NA)		(NA)		(NA)		(NA)		(NA)
3463	Nonferrous forgings.....	(NA)		(NA)		(NA)		(NA)		(NA)		(NA)
35	Machinery, except electric, total.....	2,277		159,030		1,139		10,398		84		1,960
351	Engines and turbines.....	87		13,780		(NA)		(NA)		(NA)		(NA)
3511	Turbines and turbine generator sets.....	24		3,946		(NA)		(NA)		(NA)		(NA)
3519	Internal combustion engines, n.e.c.....	63		9,834		(NA)		(NA)		(NA)		(NA)
352	Farm and garden machinery.....	555		20,608		525		4,285		(NA)		(NA)
3523	Farm and machinery equipment.....	475		15,120		446		3,678		(NA)		(NA)
3524	Lawn and garden equipment.....	80		5,488		79		607		(NA)		(NA)
353	Construction and related machinery.....	426		18,510		(NA)		(NA)		(NA)		(NA)
3531	Construction machinery.....	282		15,150		(NA)		(NA)		(NA)		(NA)
3532	Mining machinery.....	79		1,794		(NA)		(NA)		(NA)		(NA)
3536	Hoists, cranes, and monorails.....	65		1,566		(NA)		(NA)		(NA)		(NA)
354	Metalworking machinery.....	(NA)		(NA)		(NA)		(NA)		50		1,399
3544	Special dies, tools, jigs, and fixtures.....	(NA)		(NA)		(NA)		(NA)		11		95
3545	Machine tool accessories.....	(NA)		(NA)		(NA)		(NA)		35		1,287
3547	Rolling mill machinery.....	(NA)		(NA)		(NA)		(NA)		1		(D)
3549	Metalworking machinery, n.e.c.....	(NA)		(NA)		(NA)		(NA)		3		(D)
356	General industrial machinery.....	494		17,040		1		(D)		9		101
3561	Pumps and pumping equipment.....	219		5,400		(NA)		(NA)		(NA)		(NA)
3562	Ball and roller bearings.....	73		3,646		(NA)		(NA)		2		(D)
3563	Air and gas compressors.....	58		3,556		(NA)		(NA)		(NA)		(NA)
3564	Blowers and fans.....	4		63		1		(D)		(NA)		(NA)
3565	Industrial patterns.....	(NA)		(NA)		(NA)		(NA)		1		(D)
3566	Speed changers, drivers, and gears.....	68		1,151		(NA)		(NA)		1		(D)
3568	Power transmission equipment, n.e.c.....	72		3,224		(NA)		(NA)		5		79
357	Office and computing machines.....	376		48,052		318		(D)		(NA)		(NA)
3573	Electronic computing equipment.....	240		32,995		195		1,493		(NA)		(NA)
3574	Calculating and accounting machines.....	24		5,792		22		231		(NA)		(NA)
3576	Scales and balances, except laboratory.....	39		1,084		34		(D)		(NA)		(NA)
3579	Office machines, n.e.c.....	73		8,181		67		641		(NA)		(NA)
358	Refrigeration and service machinery.....	339		41,040		295		3,614		(NA)		(NA)
3585	Refrigeration and heating equipment.....	310		39,625		295		3,614		(NA)		(NA)
3586	Measuring and dispensing pumps.....	29		1,415		(NA)		(NA)		(NA)		(NA)
359	Miscellaneous machinery, except electrical.	(NA)		(NA)		(NA)		(NA)		25		460
3599	Machinery, except electrical, n.e.c.....	(NA)		(NA)		(NA)		(NA)		25		460

See footnotes at end of table.

TABLE 1B. Number of Establishments and Production Workers for Selected Metalworking Operations, by Industry: 1972—Continued

Code	Item	Establishments	Production workers	Establishments	Production workers	Establishments	Production workers
		ASSEMBLY OF PRODUCT		SHIPPING (INCLUDING PACKING AND CRATING)		POWDER METALLURGY	
36	Electrical and electronic equipment, total.....	1,322	175,009	(NA)	(NA)	33	360
365	Radio and TV receiving equipment.....	98	40,911	(NA)	(NA)	(NA)	(NA)
3651	Radio and TV receiving sets.....	98	40,911	(NA)	(NA)	(NA)	(NA)
366	Communication equipment.....	578	46,734	(NA)	(NA)	3	(D)
3662	Radio and TV communication equipment.....	578	46,734	(NA)	(NA)	3	(D)
367	Electronic components and accessories.....	646	87,364	(NA)	(NA)	30	(D)
3671	Electron tubes, receiving type.....	5	2,485	(NA)	(NA)	(NA)	(NA)
3672	Cathode ray television picture tubes.....	9	7,281	(NA)	(NA)	(NA)	(NA)
3673	Electron tubes, transmitting.....	32	5,297	(NA)	(NA)	3	(D)
3674	Semiconductors and related devices.....	95	26,747	(NA)	(NA)	7	25
3675	Electronic capacitors.....	51	8,500	(NA)	(NA)	4	(D)
3676	Electronic resistors.....	40	6,131	(NA)	(NA)	4	(D)
3677	Electronic coils and transformers.....	107	6,266	(NA)	(NA)	(NA)	(NA)
3678	Electronic connectors.....	48	4,109	(NA)	(NA)	(NA)	(NA)
3679	Electronic components, n.e.c.....	259	19,948	(NA)	(NA)	12	78
37	Transportation equipment, total.....	(NA)	(NA)	(NA)	(NA)	15	784
371	Motor vehicles and equipment.....	(NA)	(NA)	(NA)	(NA)	15	784
3711	Motor vehicles and car bodies.....	(NA)	(NA)	(NA)	(NA)	1	(D)
3713	Truck and bus bodies.....	(NA)	(NA)	(NA)	(NA)	2	(D)
3714	Motor vehicle parts and accessories.....	(NA)	(NA)	(NA)	(NA)	12	694

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.

¹Excludes data on forging operations used in manufacture of bolts, nuts, and other related products.

²Excludes data for the 3,265 establishments classified in Industry 3471, Plating and polishing, which usually are engaged in work on materials owned by others and generally perform electroplating operations.

³See table 1C, footnote 2.

⁴Excludes data for establishments classified in Industry 3479, Metal coating and allied services, which are primarily engaged in galvanizing and other hot-dip coating, usually on materials owned by others.

⁵Separate data cannot be published for Industry 3572, Typewriters, without revealing operations of individual companies, so it has been combined with 3579, Office machines, n.e.c.

TABLE 1C. Coverage of Selected Metalworking Operations, by Industry: 1972

Code	Industry	Establishments		Employees		Percent of total employees in establishments completing metalworking inquiry		
		Total in industry	Received metalworking inquiry ¹	Total in industry	Received metalworking inquiry ¹	Reported 1 or more specified operations	Reported no operations apply	Completing inquiry
3321	Gray iron foundries ²	992	862	138.3	137.9	85-90	0-5	90-95
3322	Malleable iron foundries ²	73	70	22.5	22.5	90-95	0-5	90-95
3324	Steel investment foundries ²	74	74	11.2	11.2	70-75	10-15	80-85
3325	Steel foundries, n.e.c. ²	260	231	46.7	46.6	85-90	-	85-90
3361	Aluminum foundries ²	1,005	669	45.7	44.6	85-90	0-5	85-90
3362	Brass, bronze, and copper foundries ²	507	371	15.4	14.9	80-85	5-10	85-90
3369	Nonferrous foundries, n.e.c. ²	329	243	20.3	20.0	80-85	0-5	85-90
3411	Metal cans.....	396	364	68.5	68.4	95-100	0-5	95-100
3412	Metal barrels, drums, and pails.....	157	141	10.2	10.2	80-85	-	80-85
3421	Cutlery.....	134	94	13.4	13.3	80-85	0-5	85-90
3423	Hand and edge tools, n.e.c.....	626	405	39.3	38.7	80-85	0-5	85-90
3425	Handsaws and saw blades.....	91	75	6.6	6.5	80-85	0-5	85-90
3429	Hardware, n.e.c.....	1,054	737	100.2	99.3	80-85	0-5	85-90
3431	Metal sanitary ware.....	95	71	11.2	11.1	80-85	0-5	85-90
3432	Plumbing fittings and brass goods.....	231	166	18.6	18.4	70-75	0-5	70-75
3433	Heating equipment, except electric.....	432	298	30.9	30.5	75-80	0-5	75-80
3441	Fabricated structural metal ²	2,154	1,775	104.3	102.8	60-65	0-5	65-70
3442	Metal doors, sash, and trim.....	1,558	1,048	70.7	68.8	40-45	20-25	60-65
3443	Fabricated platework (boiler shops) ²	1,486	1,185	92.9	91.9	70-75	0-5	75-80
3444	Sheet metalwork.....	3,116	1,920	74.0	70.4	55-60	10-15	65-70
3446	Architectural metalwork.....	1,459	640	20.9	18.5	55-60	10-15	65-70
3448	Prefabricated metal buildings.....	159	116	12.2	12.1	70-75	5-10	75-80
3449	Miscellaneous metalwork.....	418	380	19.5	19.4	45-50	10-15	60-65
3451	Screw machine products ²	1,803	1,141	40.4	38.1	80-85	0-5	80-85
3452	Bolts, nuts, rivets, and washers.....	679	546	60.6	60.1	90-95	0-5	90-95
3462	Iron and steel forgings ²	280	234	34.3	34.2	85-90	0-5	85-90
3463	Nonferrous forgings ²	46	41	5.8	5.8	90-95	-	90-95
3465	Automotive stampings ²	453	453	123.3	123.3	90-95	0-5	90-95
3466	Crowns and closures.....	53	53	8.1	8.1	85-90	0-5	85-90
3469	Metal stampings, n.e.c. ²	2,354	1,665	91.6	89.6	80-85	0-5	80-85
3482	Small arms ammunition.....	62	43	13.9	13.9	95-100	0-5	95-100
3483	Ammunition, except for small arms, n.e.c.....	94	84	54.8	54.8	60-65	10-15	70-75
3484	Small arms.....	82	63	16.1	16.0	75-80	0-5	75-80
3489	Ordnance and accessories, n.e.c.....	76	54	24.6	24.6	40-45	5-10	45-50
3493	Steel springs, except wire.....	110	80	8.5	8.0	75-80	10-15	85-90
3494	Valves and pipe fittings.....	779	646	93.9	93.4	75-80	0-5	80-85
3495	Wire springs.....	284	284	23.7	23.7	70-75	10-15	85-90
3496	Miscellaneous fabricated wire products.....	1,210	698	33.1	31.2	50-55	10-15	65-70
3497	Metal foil and leaf.....	65	57	5.4	5.4	20-25	35-40	55-60
3498	Fabricated pipe and fittings.....	423	319	17.5	17.1	60-65	15-20	75-80
3499	Fabricated metal products, n.e.c.....	2,342	1,469	61.5	58.6	65-70	5-10	70-75
3511	Turbines and turbine generator sets.....	75	59	46.2	46.1	95-100	0-5	95-100
3519	Internal combustion engines, n.e.c.....	179	142	70.0	69.9	85-90	0-5	90-95
3523	Farm machinery and equipment.....	1,547	966	104.6	103.0	85-90	0-5	90-95
3524	Lawn and garden equipment.....	110	110	20.7	20.7	85-90	0-5	85-90
3531	Construction machinery.....	748	551	133.8	133.3	85-90	0-5	85-90
3532	Mining machinery.....	240	191	21.4	21.3	80-85	0-5	80-85
3533	Oilfield machinery.....	314	241	35.8	35.6	85-90	0-5	85-90
3534	Elevators and moving stairways.....	154	131	15.0	14.9	80-85	0-5	85-90
3535	Conveyors and conveying equipment.....	494	373	27.3	26.9	80-85	0-5	80-85
3536	Hoists, cranes, and monorails.....	188	150	16.3	16.1	80-85	0-5	85-90
3537	Industrial trucks and tractors.....	380	256	25.8	25.4	85-90	0-5	85-90
3541	Machine tools, metal-cutting types.....	894	629	52.5	51.8	75-80	0-5	85-90
3542	Machine tools, metal-forming types.....	383	293	24.1	23.9	80-85	0-5	85-90
3544	Special dies, tools, jigs, and figures.....	6,616	3,775	98.1	90.4	60-65	5-10	70-75
3545	Machine tool accessories.....	1,232	817	47.0	45.8	60-65	5-10	70-75
3546	Power driven hand tools.....	88	88	23.1	23.1	60-65	0-5	60-65
3547	Rolling mill machinery.....	47	47	10.4	10.4	80-85	-	80-85
3549	Metalworking machinery, n.e.c.....	394	238	13.6	13.1	75-80	0-5	80-85
3551	Food products machinery.....	688	506	31.9	31.5	70-75	0-5	75-80
3552	Textile machinery.....	578	393	32.7	32.0	80-85	0-5	80-85
3553	Woodworking machinery.....	241	164	13.5	13.2	90-95	0-5	90-95
3554	Paper industries machinery.....	218	177	15.3	15.2	85-90	0-5	85-90
3555	Printing trades machinery.....	574	368	23.9	23.4	65-70	10-15	80-85
3559	Special industry machinery, n.e.c.....	1,382	1,019	72.2	71.1	75-80	0-5	80-85
3561	Pumps and pumping equipment.....	559	402	55.5	55.0	85-90	0-5	85-90
3562	Ball and roller bearings.....	135	122	51.0	51.0	90-95	0-5	90-95
3563	Air and gas compressors.....	84	84	22.9	22.9	95-100	0-5	95-100
3564	Blowers and fans.....	396	288	23.4	23.0	70-75	5-10	75-80
3565	Industrial patterns.....	1,021	476	8.5	7.3	70-75	5-10	80-85
3566	Speed changers, drives, and gears.....	346	250	22.4	22.1	80-85	0-5	80-85
3567	Industrial furnaces and ovens.....	266	189	13.6	13.4	75-80	10-15	85-90
3568	Power transmission equipment, n.e.c.....	155	155	27.7	27.7	85-90	5-10	90-95
3569	General industry machinery, n.e.c.....	900	656	36.9	36.0	70-75	0-5	75-80
3573	Electronic computing equipment.....	601	489	144.6	144.2	80-85	0-5	85-90
3574	Calculating and accounting machines.....	79	51	22.6	22.5	90-95	0-5	95-100
3576	Scales and balances, except laboratory.....	96	69	6.5	6.4	80-85	-	80-85
3579	Office machines, n.e.c.....	217	139	34.4	34.2	90-95	0-5	90-95

See footnotes at end of table.

TABLE 1C. Coverage of Selected Metalworking Operations, by Industry: 1972—Continued

Code	Industry	Establishments		Employees		Percent of total employees in establishments completing metalworking inquiry		
		Total in industry	Received metalworking inquiry ¹	Total in industry	Received metalworking inquiry ¹	Reported 1 or more specified operations	Reported no operations apply	Completing inquiry
3581	Automatic merchandising machines.....	125	78	10.5	10.3	70-75	0-5	70-75
3582	Commercial laundry equipment.....	107	79	4.8	4.7	75-80	-	75-80
3585	Refrigeration and heating equipment.....	774	614	150.8	150.3	80-85	0-5	85-90
3586	Measuring and dispensing pumps.....	57	43	7.2	7.2	95-100	-	95-100
3589	Service industry machinery, n.e.c.....	703	434	24.1	23.3	60-65	5-10	70-75
3592	Carburetors, pistons, rings, valves.....	113	113	26.7	26.7	90-95	0-5	95-100
3599	Machinery, except electrical, n.e.c.....	16,284	6,779	157.6	131.8	65-70	5-10	70-75
3612	Transformers.....	216	173	45.9	45.7	90-95	0-5	95-100
3613	Switchgear and switchboard apparatus.....	568	438	68.9	68.4	85-90	0-5	90-95
3621	Motors and generators.....	426	344	90.6	90.4	80-85	5-10	85-90
3622	Industrial controls.....	579	396	49.3	48.7	70-75	5-10	80-85
3623	Welding apparatus, electric.....	166	131	15.5	15.4	75-80	10-15	85-90
3624	Carbon and graphite products.....	72	63	11.3	11.3	65-70	25-30	90-95
3629	Electric industrial apparatus, n.e.c.....	259	199	20.2	19.9	60-65	15-20	80-85
3631	Household cooking equipment.....	82	70	22.9	22.9	95-100	-	95-100
3632	Household refrigerators and freezers.....	36	29	34.1	34.1	95-100	-	95-100
3633	Household laundry equipment.....	29	27	23.6	23.6	90-95	-	90-95
3634	Electric housewares and fans.....	299	207	51.3	51.0	85-90	0-5	90-95
3635	Household vacuum cleaners.....	36	32	11.2	11.2	95-100	0-5	95-100
3636	Sewing machines.....	75	41	5.3	5.2	90-95	0-5	95-100
3639	Household appliances, n.e.c.....	85	71	14.0	13.9	75-80	5-10	80-85
3641	Electric lamps.....	142	98	31.3	31.1	40-45	35-40	75-80
3643	Current-carrying wiring devices.....	401	287	48.4	47.9	75-80	5-10	80-85
3644	Noncurrent-carrying wiring devices.....	179	154	25.7	25.6	85-90	0-5	85-90
3645	Residential lighting fixtures.....	701	482	26.4	25.7	50-55	15-20	70-75
3646	Commercial lighting fixtures.....	235	189	18.7	18.5	75-80	5-10	80-85
3647	Vehicular lighting equipment.....	46	35	13.5	13.4	85-90	0-5	90-95
3648	Lighting equipment, n.e.c.....	190	142	12.7	12.5	75-80	10-15	85-90
3651	Radio and TV receiving sets.....	372	241	86.5	85.9	75-80	5-10	85-90
3661	Telephone and telegraph apparatus.....	203	161	134.5	134.3	90-95	5-10	95-100
3662	Radio and TV communication equipment.....	1,772	1,381	319.1	317.9	75-80	5-10	80-85
3671	Electron tubes, receiving type.....	25	16	11.4	11.4	50-55	25-30	80-85
3672	Cathode ray television picture tubes.....	75	38	15.1	15.0	70-75	0-5	70-75
3673	Electron tubes, transmitting.....	53	42	20.5	20.4	85-90	10-15	95-100
3674	Semiconductors and related devices.....	325	250	97.0	96.7	80-85	5-10	85-90
3675	Electronic capacitors.....	113	113	27.7	27.7	50-55	25-30	80-85
3676	Electronic resistors.....	86	86	20.5	20.5	55-60	10-15	65-70
3677	Electronic coils and transformers.....	246	246	23.6	23.6	60-65	20-25	80-85
3678	Electronic connectors.....	92	92	18.5	18.5	85-90	0-5	85-90
3679	Electronic components, n.e.c.....	1,840	1,163	100.7	98.1	60-65	5-10	70-75
3691	Storage batteries.....	213	158	22.2	22.0	35-40	20-25	60-65
3692	Primary batteries, dry and wet.....	48	40	8.4	8.4	95-100	0-5	95-100
3693	X-ray apparatus and tubes.....	104	73	12.1	12.0	70-75	0-5	75-80
3694	Engine electrical equipment.....	290	199	57.9	57.7	75-80	10-15	85-90
3699	Electrical equipment and supplies, n.e.c.....	996	409	19.9	17.9	35-40	20-25	60-65
3711	Motor vehicles and car bodies.....	231	177	339.2	339.1	70-75	20-25	90-95
3713	Truck and bus bodies.....	789	575	42.8	42.0	60-65	10-15	75-80
3714	Motor vehicle parts and accessories.....	2,116	1,439	399.9	398.2	75-80	5-10	85-90
3715	Truck trailers.....	255	186	24.7	24.4	70-75	5-10	80-85
3721	Aircraft.....	168	134	231.8	231.7	80-85	0-5	80-85
3724	Aircraft engines and engine parts.....	232	211	104.7	104.7	95-100	0-5	95-100
3728	Aircraft equipment, n.e.c.....	694	493	102.2	101.7	75-80	0-5	80-85
3731	Ship building and repairing.....	455	393	144.6	144.4	90-95	0-5	90-95
3732	Boat building and repairing.....	1,778	792	40.9	37.9	40-45	15-20	60-65
3743	Railroad equipment.....	163	141	50.8	50.7	85-90	0-5	90-95
3751	Motorcycles, bicycles, and parts.....	222	122	17.6	17.3	85-90	0-5	85-90
3761	Guided missiles and space vehicles.....	70	69	118.3	118.3	65-70	15-20	80-85
3764	Space propulsion units and parts.....	29	29	20.8	20.8	80-85	5-10	85-90
3769	Space vehicle equipment, n.e.c.....	48	48	20.9	20.9	80-85	5-10	90-95
3792	Travel trailers and campers.....	1,033	659	37.3	35.9	25-30	30-35	55-60
3795	Tank and tank components.....	22	20	5.9	5.9	65-70	15-20	80-85
3799	Transportation equipment, n.e.c.....	501	408	16.1	15.8	50-55	10-15	65-70
3811	Engineering and scientific instruments.....	743	530	37.4	36.8	65-70	5-10	75-80
3822	Environmental controls.....	131	89	30.7	30.5	90-95	0-5	95-100
3823	Process control instruments.....	192	192	38.8	38.8	85-90	0-5	85-90
3824	Fluid meters and counting devices.....	61	61	8.8	8.8	90-95	0-5	95-100
3825	Instruments to measure electricity.....	632	429	52.9	52.2	80-85	10-15	90-95
3829	Measuring and controlling devices, n.e.c.....	595	318	21.6	20.8	95-100	5-10	100-105
3873	Watches, clocks, and watchcases.....	203	140	31.8	31.6	75-80	5-10	85-90

- Represents zero.

¹Excludes establishments with less than 10 employees, which were not sent metalworking operations inquiry.²Includes activities for which separate information was asked in metalworking operations inquiry. Therefore, respondents who indicated that item did not apply were inconsistent. They were a small percentage of the total, however (see column 6).

TABLE 2. Number of Production Workers Engaged in Selected Metalworking Operations, by Divisions and States: 1972

Division and State	Ferrous foundry	Nonferrous foundry (except die casting)	Nonferrous die casting	Forgings—presses, hammers, or upsetters	Electroplating and other plating	Plating and polishing industry (SIC 3471)	Galvanizing and other hot-dip coatings	Heat treating of metals	Automatic screw machine department	Machine shop
United States, total...	176,639	29,588	30,696	127,210	226,258	345,500	43,505	25,983	49,416	569,200
New England.....	5,544	2,066	1,125	1,860	2,860	5,300	199	2,301	5,953	53,296
Maine.....	(D)	16	—	(D)	(D)	—	—	66	72	938
New Hampshire.....	298	294	(D)	(D)	143	—	19	110	377	2,564
Vermont.....	(D)	(D)	—	(D)	(D)	—	(D)	78	41	1,638
Massachusetts.....	2,815	680	192	1,140	1,069	1,600	82	954	1,724	21,091
Rhode Island.....	396	(D)	(D)	117	217	(D)	(D)	104	425	2,679
Connecticut.....	1,872	978	801	409	1,375	1,800	93	989	3,314	24,386
Middle Atlantic.....	27,185	4,848	5,411	4,327	3,734	8,000	639	3,897	8,553	98,555
New York.....	8,100	1,718	2,719	1,680	1,776	4,700	102	1,592	3,722	35,701
New Jersey.....	2,764	590	714	217	712	1,800	46	584	1,911	17,304
Pennsylvania.....	16,321	2,540	1,978	2,430	1,287	1,500	491	1,721	2,920	45,550
East North Central.....	90,315	12,670	16,921	15,268	10,108	16,900	849	11,538	22,084	243,017
Ohio.....	21,470	4,519	4,677	4,311	1,939	4,300	432	3,044	6,120	65,046
Indiana.....	9,629	1,936	3,395	1,621	1,260	1,700	49	1,776	2,777	33,405
Illinois.....	14,413	2,330	2,607	3,076	2,994	4,800	236	3,055	5,487	50,941
Michigan.....	32,634	1,524	4,920	4,730	3,298	5,100	104	2,918	5,751	65,396
Wisconsin.....	12,169	2,355	1,322	1,530	619	1,000	28	755	1,949	28,229
West North Central.....	11,107	2,904	1,892	917	1,541	2,100	194	1,387	3,145	35,874
Minnesota.....	1,896	956	475	135	546	800	56	221	808	10,110
Iowa.....	5,054	632	250	387	124	100	9	432	678	11,322
Missouri.....	2,364	881	993	212	664	1,000	88	354	1,060	7,828
North Dakota.....	(D)	(D)	—	(D)	—	—	—	(D)	—	158
South Dakota.....	(D)	—	—	(D)	—	—	—	(D)	(D)	214
Nebraska.....	269	(D)	(D)	71	93	—	15	66	(D)	1,814
Kansas.....	1,462	257	(D)	108	114	—	26	291	387	4,428
South Atlantic.....	9,490	1,260	765	496	1,444	2,200	281	1,482	2,472	30,299
Delaware.....	(D)	(D)	—	—	(D)	—	(D)	65	(D)	873
Maryland.....	651	89	(D)	(D)	269	200	39	173	173	5,659
District of Columbia.....	—	—	—	—	—	—	—	—	—	22
Virginia.....	4,294	167	(D)	140	212	(D)	(D)	241	(D)	4,795
West Virginia.....	(D)	459	(D)	127	160	(D)	(D)	39	11	1,507
North Carolina.....	1,106	165	236	68	287	(D)	(D)	360	1,252	7,608
South Carolina.....	715	(D)	144	(D)	141	200	(D)	247	376	3,168
Georgia.....	1,300	122	(D)	65	(D)	300	28	127	237	2,541
Florida.....	592	195	161	16	231	600	37	230	171	4,131
East South Central.....	16,100	955	1,705	667	1,630	(D)	259	2,252	2,001	18,531
Kentucky.....	1,754	(D)	429	376	331	(D)	65	582	790	5,894
Tennessee.....	4,676	150	387	153	313	700	20	327	790	6,470
Alabama.....	9,460	653	(D)	40	869	(D)	129	(D)	304	3,665
Mississippi.....	210	(D)	(D)	98	117	—	45	(D)	117	2,502
West South Central.....	7,644	1,257	502	1,590	974	1,500	489	1,454	1,396	30,670
Arkansas.....	436	271	278	63	213	—	115	247	(D)	2,812
Louisiana.....	372	20	16	242	58	—	(D)	207	(D)	2,446
Oklahoma.....	1,057	141	25	181	182	200	(D)	197	338	4,064
Texas.....	5,779	825	183	1,104	521	(D)	314	803	758	21,348
Mountain.....	1,721	447	(D)	231	651	(D)	104	263	421	8,221
Montana.....	(D)	(D)	—	(D)	—	—	—	(D)	(D)	81
Idaho.....	(D)	—	—	(D)	(D)	—	—	(D)	(D)	199
Wyoming.....	—	—	—	—	—	—	—	(D)	(D)	88
Colorado.....	795	300	(D)	115	178	(D)	(D)	171	264	3,687
New Mexico.....	—	(D)	—	—	(D)	200	(D)	9	10	801
Arizona.....	(D)	102	—	—	336	—	(D)	45	103	2,434
Utah.....	(D)	(D)	(D)	(D)	52	—	—	11	12	850
Nevada.....	—	—	—	(D)	(D)	—	—	—	—	81
Pacific.....	7,533	3,187	2,338	1,854	3,316	(D)	491	1,409	3,391	50,737
Washington.....	1,415	(D)	(D)	(D)	(D)	300	(D)	(D)	59	4,154
Oregon.....	(D)	285	(D)	117	353	(D)	(D)	81	150	2,908
California.....	4,865	2,668	2,123	1,695	2,861	(D)	453	1,251	3,182	43,568
Alaska.....	—	—	—	(D)	—	—	—	(D)	—	22
Hawaii.....	(D)	(D)	—	—	(D)	—	—	—	—	85

See footnotes at end of table.

TABLE 2. Number of Production Workers Engaged in Selected Metalworking Operations, by Divisions and States: 1972—Continued

Division and State	Tool and die shop	Foundry pattern shop	Plate or structural fabrication	Stamping, blanking, and forming of metals	Painting, lacquering, and enameling of metals	Plastics molding	Assembly of product	Shipping department (including packing and crating)	Powder metallurgy
United States, total.....	130,263	13,550	197,958	343,628	93,091	20,830	(D)	10,576	3,104
New England.....	10,283	622	8,186	15,889	4,677	1,571	23,832	215	123
Maine.....	203	(D)	1,508	299	268	(D)	1,180	(D)	-
New Hampshire.....	482	79	368	788	249	80	1,187	24	(D)
Vermont.....	320	(D)	174	307	77	-	884	(D)	-
Massachusetts.....	3,731	281	3,281	5,731	2,194	542	13,906	104	93
Rhode Island.....	469	48	332	1,468	155	(D)	963	-	-
Connecticut.....	5,078	205	2,523	7,296	1,734	938	5,712	68	(D)
Middle Atlantic.....	19,841	2,465	33,542	51,579	13,845	2,676	62,745	1,539	694
New York.....	9,190	847	8,602	19,421	4,348	1,087	31,808	767	98
New Jersey.....	3,315	264	4,279	11,369	3,594	262	12,247	301	47
Pennsylvania.....	7,336	1,354	20,661	20,789	5,903	1,327	18,690	471	549
East North Central.....	71,065	6,328	49,484	179,491	35,920	6,826	105,185	3,636	1,872
Ohio.....	17,294	1,412	13,996	53,986	10,473	1,507	23,400	1,101	641
Indiana.....	9,105	731	5,073	21,733	4,469	1,311	20,098	441	(D)
Illinois.....	12,516	1,017	16,524	35,540	8,954	2,206	43,315	1,317	(D)
Michigan.....	27,785	2,309	6,321	53,727	7,754	1,344	8,005	359	1,078
Wisconsin.....	4,365	859	7,570	14,505	4,270	458	10,367	418	-
West North Central.....	7,804	841	15,692	22,390	7,507	1,057	28,957	2,060	36
Minnesota.....	1,507	212	3,464	6,582	1,503	164	10,817	609	(D)
Iowa.....	1,539	241	3,671	4,963	1,646	(D)	7,384	730	(D)
Missouri.....	3,372	161	5,199	6,698	2,581	315	5,951	243	(D)
North Dakota.....	27	(D)	370	144	65	-	336	19	-
South Dakota.....	28	(D)	202	204	45	-	392	45	-
Nebraska.....	376	14	901	1,333	576	(D)	1,493	153	(D)
Kansas.....	955	207	1,885	2,466	1,091	311	2,584	261	-
South Atlantic.....	4,777	610	25,378	17,939	8,049	2,013	30,077	739	(D)
Delaware.....	121	18	(D)	(D)	(D)	(D)	(D)	(D)	-
Maryland.....	608	59	2,558	2,747	1,936	163	2,576	175	-
District of Columbia.....	-	-	(D)	(D)	-	-	(D)	-	-
Virginia.....	537	135	9,505	3,111	1,302	168	8,731	80	(D)
West Virginia.....	58	45	1,139	1,770	619	(D)	(D)	(D)	-
North Carolina.....	1,438	83	3,348	2,782	960	542	4,692	159	(D)
South Carolina.....	463	44	2,237	1,025	568	412	4,546	46	(D)
Georgia.....	605	91	2,777	3,331	1,374	78	1,352	169	-
Florida.....	947	135	3,590	2,864	933	644	6,938	90	26
East South Central.....	3,671	1,158	12,311	18,845	7,539	1,356	13,271	792	32
Kentucky.....	1,391	88	1,542	6,436	2,668	378	7,488	(D)	15
Tennessee.....	1,323	154	3,578	6,988	2,363	574	3,499	196	(D)
Alabama.....	527	906	3,996	2,497	971	230	982	(D)	-
Mississippi.....	440	10	3,195	2,924	1,537	174	1,302	147	-
West South Central.....	3,098	598	23,955	12,530	6,205	1,565	17,192	754	18
Arkansas.....	579	41	860	2,967	1,001	(D)	3,153	98	(D)
Louisiana.....	218	38	4,894	2,020	1,190	(D)	153	27	(D)
Oklahoma.....	431	107	4,382	1,556	728	186	3,167	104	-
Texas.....	1,870	412	13,813	5,987	3,286	810	10,719	525	(D)
Mountain.....	1,074	130	3,862	2,457	1,053	672	(D)	185	90
Montana.....	-	(D)	149	(D)	15	-	14	(D)	-
Idaho.....	(D)	(D)	214	110	27	(D)	100	13	-
Wyoming.....	(D)	-	(D)	(D)	14	-	(D)	(D)	(D)
Colorado.....	660	87	1,833	1,422	578	189	1,637	68	81
New Mexico.....	71	-	223	118	82	(D)	913	(D)	(D)
Arizona.....	215	35	231	446	184	93	11,358	61	(D)
Utah.....	68	(D)	1,137	330	148	9	1,120	24	-
Nevada.....	(D)	-	(D)	(D)	5	-	(D)	-	-
Pacific.....	8,650	798	25,548	22,508	8,296	3,094	35,535	656	189
Washington.....	(D)	(D)	4,570	1,568	803	427	634	19	(D)
Oregon.....	290	114	2,375	1,481	510	139	775	25	(D)
California.....	8,102	581	18,520	19,399	6,983	2,528	34,126	612	178
Alaska.....	-	-	7	(D)	-	-	-	-	-
Hawaii.....	(D)	(D)	76	(D)	-	-	-	-	-

Note: Precise measurement of coverage percentages are not available for geographic divisions and States. However, coverage ranges for significant metalworking States would range between 85 and 95 percent.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

¹See footnote 1, table 1B.

²See footnote 2, table 1B.

³Represents the total number of production workers classified in the plating and polishing industry. Figure is rounded to the nearest hundred, as are division and State totals, to correspond with data shown for this industry in table 2 of report MC72(2)-34D.

⁴See footnote 4, table 1B.

Special Statistics

Manufacturing Activity in Government Establishments

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EXPLANATORY TEXT

GENERAL

This special report presents data of manufacturing activities for selected government establishments within the United States. These data are not included in other 1972 Census of Manufactures reports, which cover privately operated establishments only. Manufacturing establishments owned by the Federal Government and operated by private companies, either for the government or for their own accounts, are included with privately operated establishments. Three types of establishments are covered in this report: (1) Manufacturing facilities owned and operated by the Department of Defense; (2) prison industries (Federal, District of Columbia, and State); and (3) manufacturing facilities owned and operated by other U.S. Government agencies. No tables are shown for this last category, although some descriptive material is presented later in the text. The industry classification for the commodity and industry groups in this report are based on the 1967 standard industrial classification system. The data were prepared with the cooperation of the Department of Defense, the Department of Justice, the Department of Interior, and the District of Columbia and State prison systems.

MANUFACTURING FACILITIES OWNED AND OPERATED BY THE DEPARTMENT OF DEFENSE

Coverage of MA-171 Survey

Data for manufacturing facilities operated by the Department of Defense were collected from 93 establishments on Form MA-171 (Department of Defense owned and operated

establishments) and are shown in tables 1A, 1B, and 1C. Although these establishments may also be engaged in non-manufacturing activities at the same location, the statistics represent only their activities relating to manufacturing. All manufacturing installations which produce goods or perform manufacturing services, such as industrial research and development, and the conversion and modification of ships and aircraft by the Army, Navy, and Air Force, are included in this report. However, this report does not include activities of Defense Department installations which serve primarily or exclusively their own installations (e.g., bakeries and some machine shops). All printing and publishing activities are excluded because almost every large government installation engages in these activities to some degree, thus making coverage difficult.

Total revenue at Department of Defense operated manufacturing facilities amounted to \$7.1 billion in 1972 as compared with \$4.3 billion in 1967. In 1972, total employment was 281.5 thousand of which 171.0 thousand were production workers. Total wages and salaries for each classification were \$3.6 billion and \$2.0 billion, respectively.

Explanation of Terms for MA-171 Survey

In this survey, wage board and graded employees refer to those nonmilitary personnel employed by Department of Defense owned-and-operated establishments. Costs represent the cost of materials, supplies, and parts used; the cost of

contractual services; and other costs directly related to the manufacturing activities of the installation. Value of shipments or receipts for services represents total billings (including progress billings) based on the Industrial Fund Accounting System of the Department of Defense, including receipts for construction and conversion; manufacture and assembly; and research and development. Unbilled costs of work in progress are reported separately. Total revenue is defined as total billings adjusted by the increase or decrease in the unbilled costs of work in progress. Value added by manufacture is shown in columns A and B of table 1A. Value added "A" is total revenue less cost of materials, while value added "B" is total revenue less cost of materials, contractual service, and other costs. Prior to 1970, value added represented total revenue less cost of materials.

PRISON INDUSTRIES (FEDERAL, DISTRICT OF COLUMBIA, AND STATE)

The Form MC-D4 (Manufactures Report From Penal Institutions) was used in collecting State and Federal prison data reported in tables 2A and 2B. During 1972, manufactured products valued at \$172.2 million were produced at prisons in the United States of which \$56.3 million was at Federal prisons. The comparable 1967 data were \$140.5 million in manufactured products of which \$44.0 million was Federal prison production. These data include the value of products manufactured for use within the institutions as well as products transferred to other governmental agencies or for sale

in the open market. Tables 2A and 2B show shipments data by industry groupings; table 2B also shows total Federal penitentiary shipments and the State penitentiary shipments for geographic divisions and States.

MANUFACTURING FACILITIES OWNED AND OPERATED BY OTHER U.S. GOVERNMENT AGENCIES

This report does not include tables on other governmental manufacturing facilities such as the manufacturing operations of the Bureau of Mines, U.S. Department of Interior. That agency is the primary producer of refined helium in the United States. During 1972, it operated two plants from which 174.0 million cubic feet of helium valued at \$6 million were shipped. The average number of employees totaled 258 of which 148 were production and related workers, and the total wages and salaries paid amounted to approximately \$2.7 million. Comparable figures for other years as well as additional detail for production, shipments, consumption, prices, reserves, and activities relating to conservation and technology appear in the Minerals Yearbook for 1972, a publication of the Bureau of Mines.

Excluded from this report are the manufacturing activities of the Government Printing Office, The National Aeronautic and Space Administration, and the Tennessee Valley Authority. The operation of these agencies are covered in their annual reports. Also excluded are the minor manufacturing activities of such other government agencies as the Post Office Department and the General Services Administration.

**TABLE 1A. Department of Defense Facilities—General Statistics by
Industry Group: 1972 and Earlier Years**

Industry group	All employees (wage board and graded)		Production workers (wage board)			Costs	
	Total	Payroll	Total	Man-hours	Wages	Materials, supplies, and parts used	Contractual services and other costs
	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)
1972							
U.S. total.....	281.5	3,638.0	171.0	311.4	1,960.2	1,177.4	1,730.7
19 Ordnance and accessories.....	64.1	873.9	31.6	57.9	357.5	236.9	339.3
23 Apparel and other textile products.....	1.6	12.8	1.5	2.7	11.5	2.2	.9
281 Industrial chemicals.....	3.9	54.9	1.2	2.1	13.5	12.0	24.6
289 Miscellaneous chemical products.....	2.4	32.0	1.3	2.4	14.9	19.3	13.7
353 Construction and related machinery.....	-	-	-	-	-	-	-
366 Communication equipment.....	19.1	254.6	8.7	15.3	96.2	64.9	70.6
372 Aircraft and parts.....	43.8	535.0	31.7	57.7	364.5	260.5	259.6
373 Ship and boat building and repairing.....	68.0	817.9	51.2	92.7	594.6	211.8	128.6
381 Engineering and scientific instruments.....	-	-	-	-	-	-	-
--- Research and development.....	78.6	1,057.0	43.7	80.5	507.5	369.8	893.4
1971							
U.S. total.....	290.0	3,527.4	177.7	318.6	1,925.0	1,157.5	1,520.2
19 Ordnance and accessories.....	61.9	785.9	29.9	54.3	313.1	186.1	256.4
23 Apparel and other textile products.....	1.6	11.4	1.5	2.7	10.0	2.0	.8
281 Industrial chemicals.....	4.6	60.3	1.6	2.8	15.3	11.1	21.1
289 Miscellaneous chemical products.....	2.3	29.6	1.2	2.2	13.6	19.6	5.4
353 Construction and related machinery.....	-	-	-	-	-	-	-
366 Communication equipment.....	19.5	242.9	8.9	15.5	89.4	53.9	55.3
372 Aircraft and parts.....	44.9	503.8	32.9	59.9	346.2	308.0	195.6
373 Ship and boat building and repairing.....	73.5	860.8	55.5	98.5	637.9	220.1	113.2
381 Engineering and scientific instruments.....	(Z)	.2	(Z)	(Z)	.2	(Z)	(Z)
--- Research and development.....	81.6	1,032.4	46.1	82.6	499.3	356.7	872.5
1970							
U.S. total.....	302.7	3,361.0	190.3	349.4	1,884.2	1,244.1	1,372.7
19 Ordnance and accessories.....	65.4	748.7	32.6	60.7	308.4	219.1	245.1
23 Apparel and other textile products.....	1.7	10.8	1.6	2.8	9.8	1.8	.7
281 Industrial chemicals.....	5.4	67.5	2.0	3.5	19.6	14.8	16.9
289 Miscellaneous chemical products.....	2.6	28.5	1.4	2.7	13.7	28.7	6.6
353 Construction and related machinery.....	-	-	-	-	-	-	-
366 Communication equipment.....	20.5	229.9	9.7	17.4	87.9	56.8	77.2
372 Aircraft and parts.....	46.3	469.6	34.5	65.4	328.8	293.7	170.5
373 Ship and boat building and repairing.....	80.1	883.6	61.3	111.7	662.8	265.2	100.0
381 Engineering and scientific instruments.....	(Z)	.3	(Z)	.1	.3	(Z)	.3
--- Research and development.....	80.8	922.1	47.3	85.1	453.0	364.1	755.4
1969							
U.S. total.....	334.4	3,324.6	215.2	396.6	1,940.7	1,442.9	1,364.8
19 Ordnance and accessories.....	73.8	753.0	39.1	72.5	335.1	255.0	240.2
23 Apparel and other textile products.....	1.7	10.8	1.6	2.9	9.8	1.8	.6
281 Industrial chemicals.....	6.1	63.0	2.4	4.4	20.1	16.3	18.0
289 Miscellaneous chemical products.....	3.3	32.3	2.1	3.9	17.9	45.4	8.4
353 Construction and related machinery.....	.2	2.7	.2	.4	2.4	1.9	4.8
366 Communication equipment.....	22.0	220.7	11.0	19.4	88.9	60.6	69.2
372 Aircraft and parts.....	51.7	491.7	39.7	77.3	365.3	337.9	111.9
373 Ship and boat building and repairing.....	88.0	863.5	68.6	123.0	666.5	304.5	98.1
381 Engineering and scientific instruments.....	(Z)	.1	(Z)	(Z)	.1	.3	(Z)
--- Research and development.....	87.3	886.8	50.2	92.5	434.6	419.2	813.2
1968							
U.S. total.....	347.9	3,164.5	225.9	421.7	1,884.9	1,326.8	1,391.8
19 Ordnance and accessories.....	77.3	729.7	41.4	80.9	345.2	274.1	268.8
23 Apparel and other textile products.....	1.8	10.5	1.7	2.9	9.6	2.3	.6
281 Industrial chemicals.....	6.5	62.3	2.8	5.1	21.0	22.7	20.6
289 Miscellaneous chemical products.....	3.6	31.2	2.4	4.5	18.7	35.3	5.6
353 Construction and related machinery.....	.3	3.2	.3	.5	2.8	1.5	1.9
366 Communication equipment.....	23.3	208.6	11.9	21.7	89.3	70.2	100.5
372 Aircraft and parts.....	50.4	448.0	39.0	78.1	337.5	195.7	190.0
373 Ship and boat building and repairing.....	91.8	818.8	72.3	130.5	638.3	326.0	85.0
382 Mechanical measuring and control devices.....	(Z)	.2	(Z)	(Z)	.1	.4	(Z)
--- Research and development.....	92.8	851.9	54.2	97.3	422.4	398.6	718.8

See footnotes at end of table.

**TABLE 1A. Department of Defense Facilities—General Statistics by
Industry Group: 1972 and Earlier Years—Continued**

Industry group	Value of shipments or receipts for service by type of activity						Value added by manufacture	
	Manufacture and assembly	Construction and conversion	Research and development	Other receipts	Total billings	Total revenue	A	B
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
1972								
U. S. total.....	365.5	293.2	2,357.7	3,555.5	6,572.0	7,121.8	5,944.4	4,213.7
19 Ordnance and accessories.....	190.2	2.6	508.8	718.5	1,420.1	1,461.7	1,224.8	885.5
23 Apparel and other textile products.....	15.3	-	.2	(Z)	15.4	15.7	13.5	12.7
281 Industrial chemicals.....	20.2	-	31.3	40.7	92.2	92.4	80.4	55.8
289 Miscellaneous chemical products.....	26.5	-	11.7	28.3	66.5	64.7	45.4	31.7
353 Construction and related machinery.....	-	-	-	-	-	-	-	-
366 Communication equipment.....	76.5	.4	117.4	164.2	358.5	366.7	301.8	231.2
372 Aircraft and parts.....	23.4	-	236.7	739.5	999.5	1,024.8	764.3	504.7
373 Ship and boat building and repairing.....	5.3	283.3	35.6	936.1	1,260.3	1,759.1	1,547.3	1,418.7
381 Engineering and scientific instruments.....	-	-	-	-	-	-	-	-
--- Research and development.....	8.1	7.0	1,416.1	928.2	2,359.5	2,336.7	1,966.9	1,073.5
1971								
U.S. total.....	368.4	802.6	2,155.4	3,344.8	6,671.3	6,333.4	5,175.9	3,655.7
19 Ordnance and accessories.....	198.6	2.0	403.7	628.0	1,232.3	1,229.6	1,043.5	787.1
23 Apparel and other textile products.....	14.0	-	.1	.2	14.3	14.1	12.1	11.3
281 Industrial chemicals.....	19.3	-	31.0	41.5	91.7	91.8	80.7	59.6
289 Miscellaneous chemical products.....	29.8	-	8.5	23.0	61.3	55.2	35.6	30.2
353 Construction and related machinery.....	-	-	-	-	-	-	-	-
366 Communication equipment.....	77.9	-	100.5	153.5	331.9	332.6	278.7	223.4
372 Aircraft and parts.....	21.6	-	216.1	725.2	962.9	987.3	679.3	483.7
373 Ship and boat building and repairing.....	3.6	798.6	44.1	889.8	1,736.0	1,382.2	1,162.1	1,048.9
381 Engineering and scientific instruments.....	(Z)	-	-	.2	.2	.2	.2	.2
--- Research and development.....	3.6	2.0	1,351.4	883.6	2,240.6	2,240.4	1,883.7	1,011.2
1970								
U.S. total.....	406.0	414.8	1,919.7	3,222.4	5,962.8	6,206.8	4,962.7	3,589.9
19 Ordnance and accessories.....	232.2	1.9	401.0	580.3	1,215.4	1,219.2	1,000.2	755.1
23 Apparel and other textile products.....	13.3	-	(Z)	.1	13.4	13.5	11.7	11.0
281 Industrial chemicals.....	28.9	-	31.8	39.9	100.7	99.4	84.6	67.7
289 Miscellaneous chemical products.....	32.1	-	8.4	16.7	57.2	63.6	34.8	28.3
353 Construction and related machinery.....	-	-	-	-	-	-	-	-
366 Communication equipment.....	73.2	.3	103.2	160.0	336.7	343.3	286.5	209.3
372 Aircraft and parts.....	17.2	.1	178.9	737.2	933.3	930.5	636.8	466.2
373 Ship and boat building and repairing.....	5.4	410.5	33.7	807.9	1,257.5	1,466.2	1,201.0	1,101.0
381 Engineering and scientific instruments.....	.5	-	-	.2	.7	.7	.7	.3
--- Research and development.....	3.3	1.9	1,162.6	880.1	2,048.0	2,070.5	1,706.4	951.0
1969								
U.S. total.....	539.2	338.1	1,867.2	3,334.7	5,991.6	6,091.6	4,649.0	(NA)
19 Ordnance and accessories.....	310.3	.7	351.4	595.7	1,170.5	1,246.1	991.1	(NA)
23 Apparel and other textile products.....	12.4	-	.4	(Z)	12.8	13.3	11.4	(NA)
281 Industrial chemicals.....	33.2	-	33.6	30.9	97.7	97.9	81.9	(NA)
289 Miscellaneous chemical products.....	56.7	-	7.3	18.4	82.5	85.6	40.2	(NA)
353 Construction and related machinery.....	.5	-	-	11.6	12.2	11.4	9.4	(NA)
366 Communication equipment.....	93.4	1.8	89.4	141.6	326.3	327.7	267.0	(NA)
372 Aircraft and parts.....	18.4	.1	96.9	780.5	895.9	888.2	550.3	(NA)
373 Ship and boat building and repairing.....	9.1	334.4	26.1	914.1	1,283.8	1,306.5	1,002.0	(NA)
381 Engineering and scientific instruments.....	(Z)	-	-	.1	.1	.1	.1	(NA)
--- Research and development.....	4.9	1.1	1,261.9	841.3	2,109.3	2,114.4	1,695.3	(NA)
1968								
U.S. total.....	544.0	354.0	1,854.3	3,202.2	5,953.4	5,848.4	4,521.8	(NA)
19 Ordnance and accessories.....	301.6	2.9	406.4	545.1	1,255.8	1,264.8	990.7	(NA)
23 Apparel and other textile products.....	13.3	-	(Z)	(Z)	13.4	13.6	11.2	(NA)
281 Industrial chemicals.....	38.8	-	35.4	28.9	103.2	105.2	82.5	(NA)
289 Miscellaneous chemical products.....	49.2	-	6.4	16.1	71.6	72.0	36.7	(NA)
353 Construction and related machinery.....	.4	-	-	7.1	7.5	6.6	5.1	(NA)
366 Communication equipment.....	93.2	4.8	103.9	146.7	348.7	349.0	278.7	(NA)
372 Aircraft and parts.....	28.1	(Z)	180.2	557.6	765.8	796.3	600.4	(NA)
373 Ship and boat building and repairing.....	12.7	343.6	36.6	1,009.2	1,401.6	1,251.4	925.4	(NA)
382 Mechanical measuring and control devices.....	(Z)	-	-	.2	.2	.2	.2	(NA)
--- Research and development.....	6.6	2.9	1,085.3	891.2	1,985.6	1,989.3	1,590.7	(NA)

See footnotes at end of table.

**TABLE 1A. Department of Defense Facilities—General Statistics by
Industry Group: 1972 and Earlier Years—Continued**

Industry group	All employees (wage board and graded)		Production workers (wage board)			Costs	
	Total (1,000)	Payroll (million dollars)	Total (1,000)	Man-hours (millions)	Wages (million dollars)	Materials, supplies, and parts used (million dollars)	Contractual services and other costs (million dollars)
1967							
U.S. total.....	314.7	2,609.1	212.7	389.6	1,640.8	948.6	781.8
19 Ordnance and accessories.....	77.9	674.8	41.8	79.4	320.0	227.2	237.4
23 Apparel and other textile products.....	2.4	12.1	2.2	3.4	11.2	2.5	.6
281 Industrial chemicals.....	6.6	57.8	2.9	5.4	20.4	14.3	19.6
289 Miscellaneous chemical products.....	3.3	25.7	2.3	4.1	16.1	28.1	3.2
353 Construction and related machinery.....	.3	2.7	.3	.5	2.3	1.1	3.6
366 Communication equipment.....	18.3	157.9	8.1	14.6	60.5	69.2	95.9
372 Aircraft and parts.....	44.0	363.9	36.0	70.8	292.2	95.9	96.3
373 Ship and boat building and repairing.....	92.9	773.1	74.0	131.7	610.6	289.7	68.4
382 Mechanical measuring and control devices.....	(Z)	.2	(Z)	(Z)	.1	(Z)	(Z)
--- Research and development.....	69.1	540.9	45.0	79.7	307.4	220.7	256.8
1966							
U.S. total.....	288.5	2,369.7	194.8	357.6	1,482.4	1,079.8	646.1
19 Ordnance and accessories.....	70.5	620.4	36.5	67.1	280.7	272.1	185.8
23 Apparel and other textile products.....	2.4	11.9	2.3	4.0	11.1	2.2	.6
281 Industrial chemicals.....	6.0	51.8	2.4	4.3	17.1	16.4	13.0
289 Miscellaneous chemical products.....	3.0	22.8	2.0	3.7	14.1	38.8	1.8
353 Construction and related machinery.....	.2	2.0	.2	.4	1.7	.6	3.3
366 Communication equipment.....	16.8	137.4	7.3	13.4	52.8	77.9	31.8
372 Aircraft and parts.....	40.0	335.4	32.9	65.5	266.5	103.6	152.6
373 Ship and boat building and repairing.....	83.2	679.8	66.0	117.7	534.8	243.8	59.0
382 Mechanical measuring and control devices.....	(Z)	.2	(Z)	(Z)	.1	(Z)	(Z)
--- Research and development.....	66.4	507.8	45.1	81.6	303.6	324.3	198.1
1965							
U.S. total.....	265.1	2,090.3	176.6	325.4	1,300.3	795.6	443.0
19 Ordnance and accessories.....	64.0	539.3	32.1	59.2	237.5	168.1	142.2
23 Apparel and other textile products.....	1.6	7.9	1.5	2.5	7.2	1.1	.5
281 Industrial chemicals.....	5.9	47.9	2.3	4.3	16.0	22.9	13.4
289 Miscellaneous chemical products.....	2.6	19.3	1.7	3.0	11.3	20.1	10.6
353 Construction and related machinery.....	.3	2.6	.3	.5	2.2	1.3	4.7
366 Communication equipment.....	14.1	112.8	5.8	10.3	38.9	53.7	20.9
372 Aircraft and parts.....	31.6	307.1	30.6	59.0	247.2	57.8	67.5
373 Ship and boat building and repairing.....	81.1	619.9	64.5	117.2	487.2	222.0	44.2
382 Mechanical measuring and control devices.....	(Z)	.2	(Z)	(Z)	.1	(Z)	(Z)
--- Research and development.....	63.9	433.4	37.8	69.5	252.7	248.8	143.9
1963							
U.S. total.....	230.6	1,691.7	155.3	284.1	1,096.8	588.0	315.0
19 Ordnance and accessories.....	66.2	495.7	35.6	64.6	243.6	174.5	121.3
23 Apparel and other textile products.....	1.8	8.3	1.7	2.8	7.5	1.4	.7
281 Industrial chemicals.....	5.8	40.4	2.4	4.0	14.4	21.6	20.0
289 Miscellaneous chemical products.....	2.7	18.5	1.8	3.3	12.2	27.4	3.3
353 Construction and related machinery.....	.3	1.9	.3	.5	1.6	.2	.2
366 Communication equipment.....	10.7	82.4	4.5	9.7	28.0	31.2	27.8
372 Aircraft and parts.....	34.5	246.9	28.6	53.2	202.6	46.4	45.8
373 Ship and boat building and repairing.....	94.7	691.6	76.3	138.6	560.6	253.4	45.3
381 Engineering and scientific instruments.....	(Z)	.2	(Z)	(Z)	(Z)	(Z)	(Z)
--- Research and development.....	14.0	105.8	4.2	7.3	26.1	32.0	50.5

See footnotes at end of table.

**TABLE 1A. Department of Defense Facilities—General Statistics by
Industry Group: 1972 and Earlier Years—Continued**

Industry group	Value of shipments or receipts for service by type of activity						Value added by manufacture	
	Manufacture and assembly (million dollars)	Construction and conversion (million dollars)	Research and development (million dollars)	Other receipts (million dollars)	Total billings (million dollars)	Total revenue (million dollars)	A (million dollars)	B (million dollars)
1967								
U.S. total.....	486.2	370.4	989.5	2,460.4	4,323.6	4,340.5	3,390.9	(NA)
19 Ordnance and accessories.....	272.5	4.2	369.6	438.3	1,095.5	1,109.5	882.4	(NA)
23 Apparel and other textile products.....	15.0	-	(Z)	(Z)	15.0	15.0	12.5	(NA)
281 Industrial chemicals.....	32.3	-	33.0	27.2	92.5	92.5	78.1	(NA)
289 Miscellaneous chemical products.....	35.9	-	4.7	7.9	48.5	57.0	28.9	(NA)
353 Construction and related machinery.....	-	-	-	1.2	7.4	7.4	6.3	(NA)
366 Communication equipment.....	90.6	6.3	98.9	134.1	329.9	330.4	261.2	(NA)
372 Aircraft and parts.....	27.0	(Z)	57.6	439.2	523.8	538.6	442.8	(NA)
373 Ship and boat building and repairing.....	8.5	359.2	18.0	805.7	1,191.5	1,170.5	880.8	(NA)
382 Mechanical measuring and control devices.....	(Z)	-	-	.2	.2	.2	.2	(NA)
--- Research and development.....	4.4	.6	407.7	606.4	1,019.2	1,019.3	797.7	(NA)
1966								
U.S. total.....	424.6	293.8	1,019.5	2,326.5	4,064.5	4,075.8	2,997.4	(NA)
19 Ordnance and accessories.....	221.7	3.0	376.7	492.1	1,093.5	1,076.2	804.2	(NA)
23 Apparel and other textile products.....	14.4	-	.3	(Z)	14.7	14.8	12.5	(NA)
281 Industrial chemicals.....	23.3	-	33.0	24.9	81.2	81.9	65.4	(NA)
289 Miscellaneous chemical products.....	52.4	-	6.9	5.0	64.4	63.1	24.3	(NA)
353 Construction and related machinery.....	-	-	-	6.6	6.6	6.6	6.0	(NA)
366 Communication equipment.....	78.4	2.9	89.7	72.3	243.3	243.0	165.4	(NA)
372 Aircraft and parts.....	23.0	-	129.1	405.9	558.0	564.6	461.0	(NA)
373 Ship and boat building and repairing.....	6.7	287.9	19.7	658.8	973.1	995.8	753.0	(NA)
382 Mechanical measuring and control devices.....	-	(Z)	-	.2	.2	.2	.2	(NA)
--- Research and development.....	4.7	-	364.2	660.7	1,029.6	1,029.6	705.4	(NA)
1965								
U.S. total.....	414.9	307.5	729.1	1,881.4	3,332.7	3,363.2	2,555.8	(NA)
19 Ordnance and accessories.....	186.8	1.5	301.4	358.0	847.8	847.8	680.5	(NA)
23 Apparel and other textile products.....	9.4	-	(Z)	(Z)	9.5	9.6	8.4	(NA)
281 Industrial chemicals.....	27.1	-	34.9	21.9	84.0	84.4	61.5	(NA)
289 Miscellaneous chemical products.....	33.3	-	4.3	4.6	42.3	41.8	21.7	(NA)
353 Construction and related machinery.....	-	-	-	8.6	8.6	8.6	7.3	(NA)
366 Communication equipment.....	57.1	1.7	78.2	46.6	183.7	184.8	136.4	(NA)
372 Aircraft and parts.....	24.4	.3	68.6	326.8	420.1	421.3	357.9	(NA)
373 Ship and boat building and repairing.....	8.6	302.5	22.5	568.6	902.1	930.7	708.7	(NA)
382 Mechanical measuring and control devices.....	-	-	-	.2	.2	.2	.2	(NA)
--- Research and development.....	68.1	1.5	219.1	546.1	834.8	834.1	573.2	(NA)
1963								
U.S. total.....	433.1	597.3	634.2	877.2	2,541.8	2,641.2	2,053.3	(NA)
19 Ordnance and accessories.....	288.7	6.7	260.5	264.6	820.5	798.0	623.5	(NA)
23 Apparel and other textile products.....	10.9	-	-	.1	11.0	10.6	9.2	(NA)
281 Industrial chemicals.....	35.0	-	26.9	21.0	82.9	80.8	59.3	(NA)
289 Miscellaneous chemical products.....	37.6	-	4.3	6.4	48.2	49.8	22.5	(NA)
353 Construction and related machinery.....	-	-	-	2.2	2.2	2.2	2.1	(NA)
366 Communication equipment.....	40.6	.6	78.1	34.1	153.4	142.9	111.7	(NA)
372 Aircraft and parts.....	13.0	64.5	62.9	185.5	326.0	342.3	295.9	(NA)
373 Ship and boat building and repairing.....	7.3	525.5	18.0	352.9	903.7	1,021.8	768.5	(NA)
381 Engineering and scientific instruments.....	.1	-	-	.1	.2	.2	.2	(NA)
--- Research and development.....	-	-	183.4	10.2	193.6	192.4	160.5	(NA)

Note: See text for an explanation of the terms in this table. Detail may not add to totals due to independent rounding. Value added "A" represents total revenue less cost of materials, while value added "B" is total revenue less cost of materials, contractual services, and other costs.

- Represents zero. (Z) Less than .05.

TABLE 1B. Department of Defense Facilities—General Statistics by Industry Group and Geographic Area: 1972

Item	All employees (wage board and graded)		Production workers (wage board)			Costs	
	Number	Payroll	Number	Man-hours	Wages	Materials, supplies, and parts used	Contractual services and other costs
	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)
United States, total.....	281.5	3,638.0	171.0	311.4	1,960.2	1,177.4	1,730.7
INDUSTRY GROUP							
19 Ordnance and accessories.....	64.1	873.9	31.6	57.9	357.5	236.9	339.3
192 Ammunition, except small arms.....	44.6	612.4	21.4	39.1	234.0	147.3	260.8
194 Sighting and fire control equipment.....	4.1	58.9	1.4	2.4	17.7	8.3	9.8
199 Ordnance and accessories, n.e.c.....	5.9	78.8	4.0	8.0	51.4	47.2	14.4
23 Apparel and other textile products.....	1.6	12.8	1.5	2.7	11.5	2.2	.9
28 Chemicals and allied products.....	6.3	86.8	2.5	4.6	28.4	31.4	38.3
281 Industrial chemicals.....	3.9	54.9	1.2	2.1	13.5	12.0	24.6
289 Miscellaneous chemical products.....	2.4	32.0	1.3	2.4	14.9	19.3	13.7
366 Communication equipment.....	19.1	254.6	8.7	15.3	96.2	64.9	70.6
37 Transportation equipment.....	111.7	1,352.9	82.9	150.4	959.1	472.3	388.2
372 Aircraft and parts.....	43.8	535.0	31.7	57.7	364.5	260.5	259.6
373 Ship and boat building and repairing.....	68.0	817.9	51.2	92.7	594.6	211.8	128.6
--- Research and development.....	78.6	1,057.0	43.7	80.5	507.5	369.8	893.4
GEOGRAPHIC DIVISION, STATE, AND STANDARD METROPOLITAN STATISTICAL AREA ¹							
New England Division.....	18.5	235.2	10.3	18.2	107.2	64.2	82.3
New Hampshire.....	5.6	64.1	3.6	6.6	38.3	16.1	8.6
Massachusetts.....	7.0	91.0	4.2	7.2	43.6	19.9	35.7
Boston SMSA.....	6.0	70.4	4.1	7.1	43.0	16.6	14.6
Rhode Island.....	5.9	80.2	2.5	4.4	25.3	28.2	38.0
Middle Atlantic Division.....	36.5	492.0	17.5	31.0	191.0	118.9	226.6
New York.....	3.7	53.8	1.4	2.5	16.2	14.0	7.1
Albany-Schenectady-Troy SMSA.....	2.5	32.9	1.4	2.5	15.6	12.9	3.5
New Jersey.....	8.8	144.0	1.9	3.4	23.6	19.6	80.9
Newark SMSA.....	6.5	102.2	1.7	2.9	20.4	13.4	21.0
Pennsylvania.....	24.1	294.2	14.1	25.1	151.3	85.3	138.6
Philadelphia, Pa.-N.J. SMSA.....	16.2	212.5	8.4	14.9	93.9	56.0	115.4
East North Central Division.....	15.8	211.9	8.5	15.9	99.5	78.8	275.2
Ohio.....	4.5	70.1	1.6	2.8	18.6	18.2	242.9
Dayton SMSA.....	2.6	46.5	.3	.5	3.7	10.4	240.3
Indiana.....	8.3	101.9	4.8	9.2	55.2	47.3	27.9
Indianapolis SMSA.....	2.8	35.5	1.4	2.6	16.3	24.7	11.6
Illinois.....	3.1	39.9	2.1	3.9	25.7	13.2	4.4
Davenport-Rock Island-Moline, Iowa-Ill. SMSA...	3.1	39.9	2.1	3.9	25.7	13.2	4.4
West North Central Division.....	(Z)	.8	(Z)	(Z)	.1	.2	(Z)
South Atlantic Division.....	69.5	884.9	40.4	73.3	434.1	268.5	496.0
Maryland.....	15.5	234.4	4.7	8.5	54.1	46.8	163.7
District of Columbia.....	5.4	83.1	.9	1.8	9.8	20.4	78.5
Virginia.....	19.5	228.6	13.9	25.3	142.9	68.6	61.2
Norfolk-Portsmouth SMSA.....	9.5	100.4	7.5	13.4	76.0	30.8	18.0
North Carolina.....	2.4	26.0	1.9	3.5	19.5	14.6	6.1
South Carolina (all in Charleston).....	6.7	75.4	5.0	9.1	53.7	15.7	11.0
Georgia.....	9.5	107.0	7.3	12.9	80.6	39.6	12.3
Atlanta SMSA.....	2.7	27.2	1.7	3.0	16.2	4.2	4.8
Macon SMSA.....	6.8	79.8	5.6	9.9	64.4	35.4	7.5
Florida.....	10.4	130.4	6.6	12.3	73.5	62.8	163.3
Jacksonville SMSA.....	2.9	34.6	2.2	4.1	26.2	19.9	9.4
Pensacola SMSA.....	4.0	45.3	3.2	5.9	34.8	22.8	11.5
East South Central Division.....	16.8	232.1	7.2	12.9	80.4	64.2	109.2
Kentucky.....	6.8	80.3	4.5	8.6	52.0	41.8	17.2
Lexington SMSA.....	3.9	41.4	2.6	4.5	26.2	7.9	7.2
Louisville, Ky.-Ind. SMSA.....	2.8	38.9	1.9	4.0	25.7	34.0	10.0
Tennessee.....	.1	2.4	(Z)	(Z)	.1	2.6	57.7
Alabama.....	9.9	149.4	2.6	4.4	28.4	19.8	34.3
Huntsville SMSA.....	8.0	128.7	.9	1.7	10.2	7.4	26.4
West South Central Division.....	34.5	394.9	26.8	47.9	293.5	220.9	55.8
Arkansas.....	1.3	14.3	.8	1.4	7.4	6.6	2.5
Oklahoma.....	13.8	157.6	11.4	20.6	129.4	88.4	13.9
Oklahoma City SMSA.....	11.3	131.9	9.3	16.8	108.3	81.5	10.1
Texas.....	19.4	223.0	14.6	25.9	156.7	125.9	39.4
Corpus Christi SMSA.....	3.9	47.7	2.8	4.9	32.2	44.0	6.6
San Antonio SMSA.....	10.5	120.5	8.3	14.7	91.5	60.0	16.2
Texarkana, Tex.-Ark. SMSA.....	5.0	54.9	3.6	6.3	33.1	21.8	16.6

See footnotes at end of table.

TABLE 1B. Department of Defense Facilities—General Statistics by Industry Group and Geographic Area: 1972—Continued

Item	Value of shipments or receipts for service by type of activity						Value added by manufacture	
	Manufacture and assembly (million dollars)	Construction and conversion (million dollars)	Research and development (million dollars)	Other receipts (million dollars)	Total billings (million dollars)	Total revenue (million dollars)	A (million dollars)	B (million dollars)
United States, total.....	365.5	293.2	2,357.7	3,555.5	6,572.0	7,121.8	5,944.4	4,213.7
INDUSTRY GROUP								
19 Ordnance and accessories.....	190.2	2.6	508.8	718.5	1,420.1	1,461.7	1,224.8	885.5
192 Ammunition, except small arms.....	90.7	.1	421.0	498.6	1,010.4	1,031.3	884.0	623.2
194 Sighting and fire control equipment.....	10.8	-	21.1	43.7	75.6	76.2	67.9	58.1
199 Ordnance and accessories, n.e.c.....	43.6	.1	1.8	81.7	127.3	141.4	94.2	79.8
23 Apparel and other textile products.....	15.3	-	.2	(Z)	15.4	15.7	13.5	12.7
28 Chemicals and allied products.....	46.7	-	43.0	69.1	158.7	157.1	125.7	87.4
281 Industrial chemicals.....	20.2	-	31.3	40.7	92.2	92.4	80.4	55.8
289 Miscellaneous chemical products.....	26.5	-	11.7	28.3	66.5	64.7	45.4	31.7
366 Communication equipment.....	76.5	.4	117.4	164.2	358.5	366.7	301.8	231.2
37 Transportation equipment.....	28.7	283.3	272.2	1,675.5	2,259.8	2,783.9	2,311.6	1,923.4
372 Aircraft and parts.....	23.4	-	236.7	739.5	999.5	1,024.8	764.3	504.7
373 Ship and boat building and repairing.....	5.3	283.3	35.6	936.1	1,260.3	1,759.1	1,547.3	1,418.7
--- Research and development.....	8.1	7.0	1,416.1	928.2	2,359.5	2,336.7	1,966.9	1,073.5
GEOGRAPHIC DIVISION, STATE, AND STANDARD METROPOLITAN STATISTICAL AREA ¹								
New England Division.....	5.8	20.8	166.5	214.7	407.8	487.6	423.4	341.1
New Hampshire.....	2.0	3.2	1.0	95.8	102.0	207.3	191.2	182.6
Massachusetts.....	3.2	17.7	59.1	66.3	146.2	133.7	113.8	78.1
Boston SMSA.....	3.2	17.7	14.1	66.3	101.3	88.7	72.1	57.5
Rhode Island.....	.6	-	106.4	52.6	159.6	146.7	118.5	80.5
Middle Atlantic Division.....	68.8	68.3	389.0	284.2	810.2	943.7	824.8	598.2
New York.....	25.2	1.5	31.1	10.9	68.7	74.9	60.9	53.8
Albany-Schenectady-Troy SMSA.....	25.2	1.5	6.1	10.4	43.1	49.3	36.4	32.9
New Jersey.....	12.7	-	166.1	64.2	242.9	244.7	225.1	144.2
Newark SMSA.....	12.7	-	58.1	64.2	135.0	136.8	123.4	102.4
Pennsylvania.....	30.9	66.8	191.8	209.1	498.6	624.1	538.8	400.2
Philadelphia, Pa.-N.J. SMSA.....	10.9	66.0	191.6	130.7	399.2	515.4	459.4	344.0
East North Central Division.....	114.4	.3	292.6	153.1	560.3	571.0	492.2	217.0
Ohio.....	1.0	.2	279.6	51.1	331.9	331.8	313.6	70.7
Dayton SMSA.....	.8	.2	279.6	17.2	297.8	297.8	287.4	47.1
Indiana.....	92.6	-	12.1	75.6	180.2	182.0	134.7	106.8
Indianapolis SMSA.....	51.5	-	7.5	12.8	71.8	72.6	47.9	36.3
Illinois.....	20.8	.1	.9	26.4	48.2	57.2	44.0	39.6
Davenport-Rock Island-Moline, Iowa-Ill. SMSA...	20.8	.1	.9	26.4	48.2	57.2	44.0	39.6
West North Central Division.....	-	-	-	1.0	1.0	1.0	.8	.8
South Atlantic Division.....	67.0	15.0	787.1	799.9	1,669.2	1,709.3	1,440.8	944.8
Maryland.....	45.6	-	312.8	93.2	451.6	445.8	399.0	235.3
District of Columbia.....	-	-	168.8	12.0	180.8	182.3	161.9	83.4
Virginia.....	15.2	9.5	86.5	261.4	372.6	397.3	328.7	267.5
Norfolk-Portsmouth SMSA.....	.1	9.5	.8	143.6	154.0	185.9	155.1	137.1
North Carolina.....	1.4	-	1.1	42.4	45.0	46.0	31.4	25.3
South Carolina (all in Charleston).....	.5	5.4	.1	101.5	107.6	119.7	104.0	93.0
Georgia.....	-	-	-	159.0	159.0	159.0	119.4	107.1
Atlanta SMSA.....	-	-	-	36.2	36.2	36.2	32.0	27.2
Macon SMSA.....	-	-	-	122.8	122.8	122.8	87.4	79.9
Florida.....	4.4	-	217.8	130.4	352.6	359.2	296.4	133.1
Jacksonville SMSA.....	1.5	-	(Z)	60.0	61.6	62.9	43.0	33.6
Pensacola SMSA.....	2.8	-	.6	67.8	71.2	77.3	54.5	43.0
East South Central Division.....	30.5	.4	107.4	257.8	396.1	407.7	343.5	234.3
Kentucky.....	30.3	.4	.9	104.1	135.7	141.6	99.8	82.6
Lexington SMSA.....	7.5	.4	-	48.7	56.6	57.4	49.5	42.3
Louisville, Ky.-Ind. SMSA.....	22.8	-	.9	55.3	79.1	84.2	50.2	40.2
Tennessee.....	-	-	62.7	-	62.7	62.7	60.1	2.4
Alabama.....	.2	-	43.8	153.7	197.7	203.4	183.6	149.3
Huntsville SMSA.....	-	-	43.8	118.7	162.5	162.5	155.1	128.7
West South Central Division.....	38.3	5.6	8.7	613.2	665.8	671.2	450.3	394.5
Arkansas.....	14.4	-	-	8.9	23.3	23.6	17.0	14.5
Oklahoma.....	20.7	5.5	.4	226.3	252.8	260.7	172.3	158.4
Oklahoma City SMSA.....	2.9	5.5	-	218.8	227.1	223.6	142.1	132.0
Texas.....	3.2	.1	8.3	378.0	389.7	387.0	261.1	221.7
Corpus Christi SMSA.....	2.7	-	-	97.0	99.7	96.9	52.9	46.3
San Antonio SMSA.....	-	-	8.3	188.4	196.7	196.7	136.7	120.5
Texarkana, Tex.-Ark. SMSA.....	.5	.1	-	92.6	93.3	93.3	71.5	54.9

See footnotes at end of table.

TABLE 1B. Department of Defense Facilities—General Statistics by Industry Group
and Geographic Area: 1972—Continued

Item	All employees (wage board and graded)		Production workers (wage board)			Costs	
	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	Materials, supplies, and parts used (million dollars)	Contractual services and other costs (million dollars)
GEOGRAPHIC DIVISION, STATE, AND STANDARD METROPOLITAN STATISTICAL AREA ¹ --Continued							
Mountain Division.....	15.5	189.2	10.6	21.2	124.5	66.9	147.5
Colorado.....	1.6	17.7	1.1	4.0	12.4	8.3	10.3
New Mexico.....	2.2	29.1	.7	1.4	7.4	11.3	105.5
Utah.....	10.3	126.1	7.7	13.6	91.7	42.6	29.7
Salt Lake City SMSA.....	7.5	92.7	5.9	10.5	71.0	31.6	8.4
Nevada.....	1.4	16.2	1.1	2.2	13.1	4.7	2.1
Pacific Division.....	74.5	997.1	49.7	90.8	629.8	294.8	338.1
Washington.....	10.7	138.1	7.5	14.0	93.2	27.7	14.8
California.....	58.6	792.1	38.4	70.0	487.5	250.2	315.6
Bakersfield SMSA.....	6.6	106.2	1.7	3.3	21.5	29.4	110.7
Los Angeles-Long Beach SMSA.....	10.4	139.9	6.5	12.0	79.7	39.8	80.2
San Bernardino-Riverside-Ontario SMSA.....	8.7	114.4	6.4	11.0	82.2	34.2	15.0
San Diego SMSA.....	8.5	116.0	5.5	10.1	68.5	51.9	37.6
San Francisco-Oakland SMSA.....	13.7	181.2	10.8	20.0	143.5	65.2	33.5
Vallejo-Napa SMSA.....	10.7	134.4	7.5	13.6	92.1	29.7	38.6
Hawaii.....	5.1	66.9	3.8	6.9	49.1	16.9	7.7

See footnotes at end of table.

**TABLE 1B. Department of Defense Facilities--General Statistics by Industry Group
and Geographic Area: 1972--Continued**

Item	Value of shipments or receipts for service by type of activity						Value added by manufacture	
	Manufacture and assembly (million dollars)	Construction and conversion (million dollars)	Research and development (million dollars)	Other receipts (million dollars)	Total billings (million dollars)	Total revenue (million dollars)	A (million dollars)	B (million dollars)
GEOGRAPHIC DIVISION, STATE, AND STANDARD METROPOLITAN STATISTICAL AREA ¹ --Continued								
Mountain Division.....	19.7	1.4	157.6	223.7	402.5	405.6	348.1	191.2
Colorado.....	1.8	-	.6	28.5	30.8	36.3	37.4	17.7
New Mexico.....	-	.6	141.8	3.4	145.9	145.9	134.6	29.1
Utah.....	5.6	.8	15.2	179.3	200.9	198.7	156.1	126.4
Salt Lake City SMSA.....	-	-	-	134.8	134.8	132.9	101.3	92.9
Nevada.....	12.3	-	-	12.5	24.9	24.7	20.0	17.9
Pacific Division.....	21.0	181.4	449.0	1,007.8	1,659.2	1,924.5	1,629.7	1,291.6
Washington.....	7.7	18.2	1.8	168.7	196.3	286.8	259.1	244.3
California.....	13.3	159.2	445.8	790.5	1,408.7	1,583.8	1,333.7	1,018.0
Bakersfield SMSA.....	2.8	-	210.5	36.2	249.5	247.5	180.4	107.4
Los Angeles-Long Beach SMSA.....	-	16.6	141.9	97.7	256.1	244.6	204.8	124.6
San Bernardino-Riverside-Ontario SMSA.....	.4	-	13.3	160.1	173.8	172.8	127.8	123.6
San Diego SMSA.....	5.4	-	51.8	132.6	189.8	202.8	150.9	113.3
San Francisco-Oakland SMSA.....	4.0	.7	.1	244.5	249.4	470.5	405.3	371.8
Vallejo-Napa SMSA.....	.7	141.9	28.2	119.4	290.1	245.6	264.5	177.3
Hawaii.....	-	4.1	1.4	48.6	54.1	53.9	37.0	29.3

Note: See text for an explanation of the terms in this table. Detail may not add to totals due to independent rounding. Value added "A" represents total revenue less cost of materials, while value added "B" is total revenue less cost of materials, contractual services, and other costs.

- Represents zero. (Z) Less than .05.

¹Based on descriptions shown in the 1967 edition of "Standard Metropolitan Statistical Areas," Executive Office of the President, Bureau of the Budget (now Office of Management and Budget).

TABLE 1C. Department of Defense Facilities—General Statistics by Industry Group and Geographic Area: 1967

Item	All employees (wage board and graded)		Production workers (wage board)			Costs	
	Total (1,000)	Payroll (million dollars)	Total (1,000)	Man-hours (millions)	Wages (million dollars)	Materials, supplies, and parts used (million dollars)	Contractual services and other costs (million dollars)
INDUSTRY GROUP							
All manufacturing facilities, total.....	314.7	2,609.1	212.7	389.6	1,640.8	948.6	781.8
19 Ordnance and accessories.....	77.9	674.8	41.8	79.4	320.0	227.2	237.4
192 Ammunition, except for small arms.....	51.6	436.5	26.6	51.1	193.1	126.3	179.3
23 Apparel and other textile products.....	2.4	12.1	2.2	3.4	11.2	2.5	.6
281 Industrial chemicals.....	6.6	57.8	2.9	5.4	20.4	14.3	19.6
289 Miscellaneous chemical products.....	3.3	25.7	2.3	4.1	16.1	28.1	3.2
353 Construction and related equipment.....	.3	2.7	.3	.5	2.3	1.1	3.6
366 Communication equipment.....	18.3	157.9	8.1	14.6	60.5	69.2	95.9
372 Aircraft and parts.....	44.6	363.9	36.0	70.8	292.2	95.9	96.3
373 Ship and boat building and repairing.....	92.9	773.1	74.0	131.7	610.6	289.7	68.4
382 Mechanical measuring and control devices.....	(Z)	.2	(Z)	(Z)	.1	(Z)	(Z)
-- Research and development.....	69.1	540.9	45.0	79.7	307.4	220.7	256.8
GEOGRAPHIC DIVISION, STATE, AND STANDARD METROPOLITAN STATISTICAL AREA ¹							
United States, total.....	314.7	2,609.1	212.7	389.6	1,640.8	948.6	781.8
New England Division.....	23.7	193.5	16.3	29.4	126.1	52.5	41.4
New Hampshire.....	8.1	65.7	5.7	10.1	44.8	18.2	4.0
Massachusetts.....	9.8	80.0	7.3	12.7	56.8	25.4	13.9
Boston SMSA.....	8.8	70.9	6.6	11.4	51.6	24.0	8.8
Rhode Island.....	4.6	36.7	3.1	6.2	23.0	7.2	15.4
Connecticut.....	1.1	11.2	.2	.4	1.5	1.7	8.0
Middle Atlantic Division.....	46.8	396.2	26.1	46.2	194.9	144.9	194.3
New York.....	5.1	47.6	2.9	5.4	22.4	33.2	14.0
Albany-Schenectady-Troy SMSA.....	3.9	33.6	2.7	5.1	20.5	31.1	3.4
New York SMSA.....	1.1	14.0	.2	.3	1.9	2.1	10.6
New Jersey.....	12.4	105.2	3.9	6.7	26.6	22.6	112.6
Pennsylvania.....	29.3	243.4	19.3	34.0	145.9	89.0	67.7
Philadelphia, Pa.-N.J. SMSA.....	22.8	198.0	14.3	25.4	114.0	67.4	53.4
East North Central Division.....	17.4	143.4	11.6	23.0	92.0	81.8	24.5
Ohio.....	2.0	14.7	1.3	2.4	9.5	4.9	.6
Indiana.....	8.1	63.2	5.5	11.6	40.2	40.3	8.1
Illinois.....	7.3	65.5	4.8	9.0	42.3	36.5	15.8
West North Central Division.....	.1	.8	(Z)	(Z)	.2	.1	.1
Iowa.....	(Z)	.2	(Z)	(Z)	.1	(Z)	(Z)
South Atlantic Division.....	74.1	628.5	48.4	90.0	367.5	195.0	208.3
Maryland.....	20.4	195.9	7.8	13.9	57.9	60.2	95.4
District of Columbia.....	4.9	50.7	1.1	2.0	8.1	12.0	51.4
Virginia.....	22.0	173.2	17.3	32.6	133.1	52.7	28.6
Norfolk-Portsmouth SMSA.....	17.5	138.0	14.8	28.0	116.3	46.0	15.4
North Carolina.....	2.6	22.0	2.3	4.8	19.4	5.4	3.5
South Carolina.....	8.1	67.8	6.4	11.5	52.6	18.3	6.5
Georgia.....	7.2	47.9	6.0	10.7	38.7	32.2	4.6
Macon SMSA.....	7.2	47.9	6.0	10.7	38.7	32.2	4.6
Florida.....	9.0	70.9	7.5	14.5	57.7	14.1	18.3
East South Central Division.....	15.3	152.2	4.9	9.5	40.6	43.0	48.8
Kentucky.....	4.0	35.1	2.7	5.5	23.6	32.6	25.0
Alabama.....	11.3	117.2	2.2	4.0	17.0	10.5	23.8
West South Central Division.....	34.5	232.5	28.1	49.5	177.1	118.5	15.6
Arkansas.....	1.7	12.6	1.1	2.1	7.2	8.0	2.5
Oklahoma.....	14.8	99.5	12.7	23.0	76.3	78.0	1.4
Texas.....	18.0	120.4	14.3	24.4	93.6	32.5	11.7
Mountain Division.....	16.6	125.9	12.8	23.4	94.8	52.8	13.7
Colorado.....	4.8	32.9	3.4	6.6	23.0	8.1	3.9
Utah.....	10.5	82.9	8.3	14.6	63.7	42.7	9.1
Nevada.....	1.3	10.0	1.1	2.1	8.2	2.1	.6
Pacific Division.....	86.2	736.1	64.5	118.7	547.7	260.1	235.0
Washington.....	12.0	102.6	9.2	16.7	77.9	53.5	9.3
California.....	68.0	578.1	50.4	93.0	426.9	188.5	222.8
San Bernardino-Riverside-Ontario SMSA.....	10.6	81.8	8.1	14.2	63.1	38.6	59.8
San Diego SMSA.....	9.1	80.4	7.1	14.0	61.1	16.3	26.2
San Francisco-Oakland SMSA.....	31.2	273.1	25.2	47.3	221.0	86.2	31.5
Hawaii.....	6.2	55.5	4.9	8.9	42.9	18.1	2.9

See footnotes at end of table.

TABLE 1C. Department of Defense Facilities—General Statistics by Industry Group and Geographic Area: 1967—Continued

Item		Value of shipments of receipts for service by type of activity						Value added by manufacture
		Manufacture and assembly	Construction and conversion	Research and development	Other receipts	Total billings	Total revenue	
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
INDUSTRY GROUP								
All manufacturing facilities, total.....		486.2	370.4	989.5	2,460.4	4,323.6	4,340.5	3,390.9
19	Ordnance and accessories.....	272.5	4.2	369.6	438.3	1,095.5	1,109.5	882.4
192	Ammunition, except for small arms.....	111.3	3.2	295.8	280.1	701.4	713.2	586.9
23	Apparel and other textile products.....	15.0	-	.1	(Z)	15.0	15.0	12.5
281	Industrial chemicals.....	32.3	-	33.0	27.2	92.5	92.5	78.1
289	Miscellaneous chemical products.....	35.9	-	4.7	7.9	48.5	57.0	28.9
353	Construction and related equipment.....	-	-	-	1.2	7.4	7.4	6.2
366	Communication equipment.....	90.6	6.3	98.9	134.1	329.9	330.4	261.2
372	Aircraft and parts.....	27.0	(Z)	57.6	439.2	523.8	538.9	442.8
373	Ship and boat building and repairing.....	8.5	359.2	18.0	805.7	1,191.5	1,170.5	880.8
382	Mechanical measuring and control devices.....	(Z)	-	-	.2	.2	.2	.2
--	Research and development.....	4.4	.6	407.7	606.4	1,019.2	1,019.3	797.7
GEOGRAPHIC DIVISION, STATE, AND STANDARD METROPOLITAN STATISTICAL AREA ¹								
United States, total.....		486.2	370.4	989.5	2,460.4	4,323.6	4,340.5	3,390.9
New England Division.....		11.7	66.3	59.6	155.4	293.1	293.1	240.6
New Hampshire.....		.7	30.9	1.5	51.6	84.7	88.0	69.8
Massachusetts.....		9.8	35.5	12.7	69.6	127.5	124.2	98.8
Boston SMSA.....		4.9	35.5	8.8	62.8	112.0	108.6	84.6
Rhode Island.....		1.2	-	24.5	34.2	59.9	60.0	52.8
Connecticut.....		-	-	20.9	-	20.9	20.9	19.2
Middle Atlantic Division.....		151.1	83.6	254.5	239.8	728.9	721.3	576.4
New York.....		55.1	.8	30.3	8.2	94.4	94.4	61.2
Albany-Schnectady-Troy SMSA.....		55.1	.8	3.6	8.2	67.7	67.7	36.6
New York SMSA.....		-	-	26.7	-	26.7	26.7	24.6
New Jersey.....		40.1	1.9	148.1	50.9	241.1	241.4	218.7
Pennsylvania.....		55.9	80.9	76.0	180.6	393.4	385.5	296.4
Philadelphia, Pa.-N.J. SMSA.....		34.9	77.5	75.7	143.3	331.3	323.4	256.0
East North Central Division.....		122.4	.2	23.3	92.9	245.0	249.7	167.9
Ohio.....		-	-	-	20.3	20.3	20.3	15.4
Indiana.....		65.6	-	12.5	32.7	110.8	111.7	71.4
Illinois.....		56.8	.2	10.8	39.9	113.9	117.7	81.1
West North Central Division.....		(Z)	-	.1	.8	.9	.9	.8
Iowa.....		(Z)	-	-	.2	.2	.2	.2
South Atlantic Division.....		72.8	12.1	382.2	567.5	1,034.6	1,041.3	846.3
Maryland.....		53.1	-	227.1	63.2	343.4	351.7	291.5
District of Columbia.....		-	-	105.5	8.5	114.0	114.5	102.5
Virginia.....		12.7	7.6	36.6	199.4	256.3	260.9	208.1
Norfolk-Portsmouth SMSA.....		5.2	7.6	2.9	185.2	200.9	205.6	159.6
North Carolina.....		1.0	-	.2	28.2	29.4	30.9	25.5
South Carolina.....		.2	4.5	.5	100.0	105.2	95.8	77.6
Georgia.....		-	-	-	84.7	84.7	84.7	52.6
Macon SMSA.....		-	-	-	84.7	84.7	84.7	52.6
Florida.....		5.8	-	12.3	83.5	101.6	102.8	88.6
East South Central Division.....		34.9	.3	46.8	183.4	265.4	267.7	223.8
Kentucky.....		34.9	.3	1.7	77.5	114.4	116.7	84.2
Alabama.....		-	-	45.1	105.9	151.0	151.0	139.5
West South Central Division.....		38.7	2.8	.1	319.6	361.2	366.9	248.4
Arkansas.....		20.2	-	(Z)	3.3	23.5	23.4	15.4
Oklahoma.....		16.2	-	.1	156.8	173.0	178.8	100.8
Texas.....		2.3	2.8	-	159.5	164.6	164.6	132.1
Mountain Division.....		21.5	.4	11.2	130.4	163.5	164.2	111.4
Colorado.....		9.0	.4	-	7.2	16.7	16.7	8.7
Utah.....		4.7	-	11.2	118.9	134.7	134.7	92.1
Nevada.....		7.7	-	-	4.3	12.0	12.7	10.7
Pacific Division.....		33.2	204.6	211.7	770.5	1,231.0	1,234.5	975.4
Washington.....		9.2	76.7	6.9	72.6	165.3	168.7	115.1
California.....		24.1	125.2	204.5	621.9	986.6	988.3	799.8
San Bernardino-Riverside-Ontario SMSA.....		3.9	1.3	1.9	162.1	180.2	180.1	141.6
San Diego SMSA.....		6.0	-	29.7	89.4	125.1	123.3	107.0
San Francisco-Oakland SMSA.....		8.7	107.5	15.6	268.9	400.6	403.2	317.0
Hawaii.....		-	2.8	.4	76.0	79.1	78.5	60.5

Note: See text for an explanation of the terms in this table. Detail may not add to totals due to independent rounding. Value added "A" represents total revenue less cost of materials, while value added "B" is total revenue less cost of materials, contractual services, and other costs.

- Represents zero. (Z) Less than .05.

¹Based on descriptions shown in the 1967 edition of "Standard Metropolitan Statistical Areas," Executive Office of the President, Bureau of the Budget (now Office of Management and Budget).

TABLE 2A. Federal, District of Columbia, and State Prisons—Production by Commodity Group:
1972 and 1967

SIC code	Commodity group	Unit of measure	Total production, including interplant transfers				SIC code	Commodity group	Unit of measure	Total production, including interplant transfers			
			1972		1967					1972		1967	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)				Quantity	Value (million dollars)	Quantity	Value (million dollars)
	Total.....		(X)	172.2	(X)	140.5	2515	Mattresses.....		(X)	3.4	(X)	3.5
							2531	Wood furniture.....		(X)	13.7	(X)	9.2
201	Meat products.....		(X)	6.7	(X)	6.6	275	Printing and binding.....		(X)	6.0	(X)	4.5
202	Dairy products.....		(X)	3.9	(X)	2.8							
203	Canned foods.....		(X)	3.0	(X)	4.0	284	Soaps.....		(X)	5.0	(X)	3.1
2042	Prepared animal feeds...		(X)	2.4	(X)	2.1	285	Paints.....		(X)	4.7	(X)	5.0
209	Coffee and tea.....		(X)	.8	(X)	1.0							
2131	Tobacco, chewing and smoking.....		(X)	.7	(X)	1.0	314	Shoes.....	Mil. pr.	1.3	6.7	1.1	8.2
2211	Blankets.....		(X)	2.3	(X)	2.6	325	Clay and concrete brick...	Millions	4.1	.2	9.8	.2
2231	Woven fabrics.....	Million					327	Concrete blocks.....		(X)	.1	(X)	.1
2298	Cordage and twine.....	lin. yd.	15.5	9.5	20.6	10.7	346	Motor vehicle license plates.....	Millions	89.1	33.6	97.6	15.7
			(X)	.3	(X)	2.0	349	Miscellaneous metal products.....		(X)	15.2	(X)	16.5
230	Apparel and related products.....		(X)	15.1	(X)	12.8	3991	Brooms and brushes.....		(X)	6.6	(X)	4.2
2392	Sheets and pillowcases...		(X)	1.0	(X)	1.1	3993	Highway and road signs...		(X)	9.3	(X)	7.4
2394	Canvas and related products.....		(X)	5.1	(X)	8.1	900	Miscellaneous products...		(X)	16.9	(X)	8.2

Note: Excludes agricultural products, road buildings, and other nonmanufacturing activities. Detail may not add to total due to independent rounding.

(X) Not applicable.

TABLE 2B. Federal, District of Columbia, and State Prisons—Production by Geographic Area and Commodity Group: 1972 and 1967

(Million dollars)

Geographic areas	1972													
	Total	Meat products	Dairy products	Canned foods	Prepared animal feeds	Coffee and tea	Chewing and smoking tobacco	Blankets	Woven fabrics	Cordage and twine	Apparel and related products	Sheets and pillow-cases	Canvas and related products	Mattresses
	(SIC 201)	(SIC 202)	(SIC 203)	(SIC 2042)	(SIC 209)	(SIC 2131)	(SIC 2211)	(SIC 2231)	(SIC 2298)	(SIC 230)	(SIC 2392)	(SIC 2394)	(SIC 2515)	
United States total.....	172.2	6.7	3.9	3.0	2.4	.8	.7	2.3	9.5	.3	15.1	1.0	5.1	3.4
Federal penitentiaries.....	56.3	-	-	-	-	-	-	2.2	7.7	-	2.2	-	5.0	1.9
State penitentiaries.....	115.9	6.7	3.9	3.0	2.4	.8	.7	.1	1.8	.3	12.9	1.0	.1	1.5
New England Division.....	3.6	(Z)	.1	-	-	-	-	-	-	-	.2	(Z)	(Z)	(Z)
Maine.....	(Z)	-	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	.6	(Z)	.1	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	1.7	-	-	-	-	-	-	-	-	-	.1	(Z)	(Z)	(Z)
Rhode Island.....	.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	.8	-	-	-	-	-	-	-	-	-	.1	-	-	-
Middle Atlantic Division....	16.8	.3	.7	.4	.6	.7	.2	(Z)	.6	-	3.4	.8	(Z)	.5
New York.....	6.9	-	-	-	-	(Z)	.2	-	.3	-	1.4	.6	(Z)	.2
New Jersey.....	2.3	-	-	-	.3	-	-	(Z)	.1	-	.6	-	(Z)	.1
Pennsylvania.....	7.6	.3	.7	.4	.3	.7	-	-	.2	-	1.4	.2	-	.2
East North Central Division..	16.9	.3	-	.2	-	-	.2	(Z)	.4	-	2.2	.1	-	.1
Ohio.....	5.2	-	-	.2	-	-	.1	-	-	-	.8	(Z)	-	.1
Indiana.....	2.8	.3	-	-	-	-	(Z)	-	-	-	.1	-	-	(Z)
Illinois.....	2.2	-	-	-	-	-	.1	-	.1	-	.4	-	-	-
Michigan.....	3.9	-	-	-	-	-	(Z)	(Z)	.3	-	.7	.1	-	(Z)
Wisconsin.....	2.8	-	-	-	-	-	-	-	-	-	.2	-	-	(Z)
West North Central Division..	10.8	.3	-	.1	(Z)	-	(Z)	-	-	.3	.3	(Z)	-	(Z)
Minnesota.....	1.3	-	-	-	-	-	-	-	-	.3	-	-	-	-
Iowa.....	3.0	-	-	-	-	-	-	-	-	-	-	-	-	(Z)
Missouri.....	3.6	.1	-	.1	-	-	(Z)	-	-	-	.2	-	-	(Z)
North Dakota.....	.4	.1	-	-	(Z)	-	-	-	-	-	-	-	-	-
South Dakota.....	.3	.1	-	-	-	-	-	-	-	-	(Z)	(Z)	-	(Z)
Nebraska.....	.6	-	-	-	-	-	-	-	-	-	.1	-	-	(Z)
Kansas.....	1.6	-	-	-	-	-	-	-	-	-	(Z)	(Z)	-	(Z)
South Atlantic Division.....	25.1	1.6	-	1.0	.4	-	.2	-	.1	-	2.8	-	-	.1
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	3.0	-	-	.3	-	-	-	-	-	-	.7	-	-	.1
Dist. of Col.....	1.4	-	-	-	-	-	-	-	-	-	.3	-	-	-
Virginia.....	3.0	-	-	-	.2	-	-	-	.1	-	.5	-	-	-
West Virginia.....	.4	-	-	-	-	-	(Z)	-	-	-	(Z)	-	-	(Z)
North Carolina.....	10.7	1.0	-	.5	-	-	-	-	-	-	.3	-	-	(Z)
South Carolina.....	1.3	-	-	-	-	-	-	-	-	-	.1	-	-	-
Georgia.....	1.2	.1	-	(Z)	-	-	-	-	-	-	.3	-	-	(Z)
Florida.....	4.1	.5	-	.2	.2	-	.2	-	-	-	.6	-	-	-
East South Central Division..	7.1	.6	.2	(Z)	(Z)	-	-	-	-	-	.3	(Z)	-	(Z)
Kentucky.....	2.3	.4	.2	-	-	-	-	-	-	-	.1	(Z)	-	-
Tennessee.....	2.9	-	-	-	-	-	-	-	-	-	.1	(Z)	-	(Z)
Alabama.....	1.8	.2	-	(Z)	(Z)	-	-	-	-	-	.1	(Z)	-	(Z)
Mississippi.....	.1	-	-	-	-	-	-	-	-	-	-	-	-	-
West South Central Division..	16.8	2.2	.1	1.0	1.4	.1	-	-	.7	-	1.6	(Z)	(Z)	.4
Arkansas.....	2.0	.1	-	.4	.2	-	-	-	-	-	(Z)	(Z)	(Z)	-
Louisiana.....	2.5	.1	.1	.2	(Z)	-	-	-	-	-	.1	-	-	-
Oklahoma.....	.7	-	-	.1	-	-	-	-	-	-	.1	-	-	.1
Texas.....	11.6	2.0	-	.3	1.2	.1	-	-	.7	-	1.4	-	-	.3
Mountain Division.....	6.7	1.4	.2	.2	(Z)	-	-	-	-	-	.1	(Z)	-	(Z)
Montana.....	.4	.4	-	-	-	-	-	-	-	-	-	-	-	-
Idaho.....	.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming.....	.2	-	-	-	-	-	-	-	-	-	(Z)	(Z)	-	(Z)
Colorado.....	1.8	.7	-	.2	(Z)	-	-	-	-	-	.1	(Z)	-	-
New Mexico.....	.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Arizona.....	1.5	.1	.2	(Z)	-	-	-	-	-	-	(Z)	-	-	(Z)
Utah.....	1.3	.2	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Division.....	12.1	-	2.6	.1	-	-	.1	-	-	-	2.0	-	-	.3
Washington.....	1.6	-	.6	.1	-	-	-	-	-	-	(Z)	-	-	-
Oregon.....	.7	-	-	-	-	-	-	-	-	-	-	-	-	-
California.....	9.7	-	2.0	-	-	-	.1	-	-	-	2.0	-	-	.3
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	.1	-	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2B. Federal, District of Columbia, and State Prisons—Production by Geographic Area and Commodity Group: 1972 and 1967—Continued

Geographic areas	(Million dollars)												1967 total
	1972												
	Wood furniture	Printing and binding	Soaps	Paints	Shoes	Clay and concrete brick	Concrete block	Motor vehicle license plates	Miscella- neous metal products	Brooms and brushes	Highway and road signs	Other products	
	(SIC 2531)	(SIC 275)	(SIC 284)	(SIC 285)	(SIC 314)	(SIC 325)	(SIC 327)	(SIC 346)	(SIC 349)	(SIC 3991)	(SIC 3993)	(SIC 900)	
United States total.....	13.7	6.0	5.0	4.7	6.7	.2	.1	33.6	15.2	6.6	9.3	16.9	140.5
Federal penitentiaries.....	6.5	1.3	-	-	4.9	-	-	-	10.2	6.0	1.1	7.3	44.0
State penitentiaries....	7.2	4.7	5.0	4.7	1.8	.2	.1	33.6	5.0	.6	8.2	9.6	96.5
New England Division.....	.2	.5	-	-	(Z)	-	-	1.6	.1	.1	.5	.3	2.9
Maine.....	(Z)	(Z)	-	-	-	-	-	(Z)	-	-	(Z)	-	.3
New Hampshire.....	(Z)	.1	-	-	-	-	-	.2	-	-	-	-	.3
Vermont.....	-	(Z)	-	-	-	-	-	.3	-	-	.1	.1	.4
Massachusetts.....	.1	.1	-	-	(Z)	-	-	.9	.1	.1	.1	.2	1.2
Rhode Island.....	-	.1	-	-	-	-	-	.1	-	(Z)	(Z)	(Z)	.3
Connecticut.....	.1	.2	-	-	-	-	-	.1	-	-	.3	-	.4
Middle Atlantic Division.....	.8	.5	.8	-	.3	-	-	2.9	1.5	.1	.4	1.3	15.3
New York.....	.3	(Z)	.4	-	-	-	-	2.1	.9	.1	.3	.1	6.2
New Jersey.....	.1	.1	.1	-	.1	-	-	.3	.2	(Z)	.1	.2	2.3
Pennsylvania.....	.4	.4	.3	-	.2	-	-	.5	.4	-	-	1.0	6.8
East North Central Division..	1.2	.4	.6	.1	.5	(Z)	(Z)	5.8	1.2	.1	2.6	.9	16.7
Ohio.....	.4	.2	.3	-	.2	-	-	1.3	.4	(Z)	.3	.9	2.3
Indiana.....	.3	.1	.1	-	-	(Z)	-	1.2	.1	(Z)	.6	(Z)	2.5
Illinois.....	.1	(Z)	.1	-	.1	-	(Z)	-	.1	.1	1.1	(Z)	5.5
Michigan.....	.4	-	.1	-	.2	-	-	1.3	.4	(Z)	.4	(Z)	3.2
Wisconsin.....	(Z)	.1	-	.1	-	-	-	2.0	.2	-	.2	-	3.2
West North Central Division..	.8	.5	1.5	-	(Z)	-	-	4.3	.2	-	.9	1.6	8.4
Minnesota.....	-	(Z)	-	-	-	-	-	-	-	-	-	1.0	2.9
Iowa.....	.4	.2	.2	-	-	-	-	1.7	.1	-	.3	.1	.7
Missouri.....	.3	.1	.3	-	(Z)	-	-	1.7	.1	-	.2	.5	2.0
North Dakota.....	-	(Z)	-	-	-	-	-	.2	-	-	.1	(Z)	.5
South Dakota.....	(Z)	(Z)	-	-	-	-	-	.2	-	-	(Z)	-	.3
Nebraska.....	.1	.1	.1	-	-	-	-	.1	(Z)	-	.1	-	.7
Kansas.....	(Z)	.1	.9	-	-	-	-	.4	-	-	.2	(Z)	1.3
South Atlantic Division.....	1.0	1.7	.8	3.5	.1	.1	(Z)	7.5	1.0	(Z)	2.2	.6	19.9
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	-	(Z)
Maryland.....	.5	.4	-	.4	-	-	-	.2	.3	(Z)	.1	-	3.9
Dist. of Col.....	.1	.4	-	-	-	-	-	.2	-	-	.1	.3	.7
Virginia.....	.3	.2	-	-	.1	-	-	.9	.2	-	.2	.3	3.1
West Virginia.....	-	-	(Z)	.1	-	-	-	.2	-	-	.1	-	.8
North Carolina.....	.1	.6	.3	3.0	-	-	-	3.5	.2	-	1.2	-	7.0
South Carolina.....	-	-	-	-	-	-	-	.5	.2	-	.5	-	1.4
Georgia.....	(Z)	.1	.2	-	-	-	-	.4	.1	-	(Z)	(Z)	.6
Florida.....	(Z)	-	.3	-	-	.1	(Z)	1.6	.3	-	-	.1	2.4
East South Central Division..	.9	.2	.3	1.1	(Z)	-	(Z)	2.1	.1	-	.6	.7	5.5
Kentucky.....	.2	-	.1	-	-	-	-	.3	.1	-	.6	.3	1.1
Tennessee.....	.7	.1	.2	1.1	(Z)	-	(Z)	.3	-	-	-	.4	3.1
Alabama.....	-	(Z)	-	-	-	-	-	1.5	-	-	-	-	1.1
Mississippi.....	-	.1	-	-	-	-	-	-	-	-	-	-	.1
West South Central Division..	.1	.1	.9	-	.5	.1	-	4.7	(Z)	.3	.1	2.5	10.1
Arkansas.....	-	-	-	-	-	-	-	-	-	-	-	1.3	(Z)
Louisiana.....	-	-	.1	-	-	-	-	.8	(Z)	.1	(Z)	1.0	2.3
Oklahoma.....	.1	.1	.1	-	-	-	-	-	-	-	.1	-	1.2
Texas.....	-	-	.7	-	.5	.1	-	3.9	-	.2	-	.2	6.6
Mountain Division.....	.2	(Z)	(Z)	-	-	-	-	3.6	-	-	.5	.4	4.6
Montana.....	-	-	-	-	-	-	-	-	-	-	-	-	.4
Idaho.....	.1	-	-	-	-	-	-	.7	-	-	(Z)	-	-
Wyoming.....	-	-	-	-	-	-	-	.2	-	-	(Z)	(Z)	.1
Colorado.....	-	(Z)	(Z)	-	-	-	-	.7	-	-	.1	(Z)	2.2
New Mexico.....	-	-	-	-	-	-	-	.3	-	-	.2	.1	.3
Arizona.....	(Z)	(Z)	-	-	-	-	-	1.0	-	-	.1	.1	.8
Utah.....	.1	(Z)	-	-	-	-	-	.7	-	-	.1	.2	.7
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	.1
Pacific Division.....	2.0	.8	.1	-	.4	-	-	1.1	.9	-	.4	1.3	13.1
Washington.....	(Z)	.1	.1	-	-	-	-	.3	.1	-	.3	-	1.8
Oregon.....	.4	-	-	-	-	-	-	-	-	-	-	.3	.6
California.....	1.6	.6	-	-	.4	-	-	.8	.8	-	.1	1.0	10.6
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-	(Z)
Hawaii.....	-	.1	-	-	-	-	-	-	-	-	-	(Z)	.1

Note: Geographic distribution is for State and District of Columbia prisons only. Excludes agricultural products, road building, and other non-manufacturing activities.

- Represents zero. (Z) Less than \$50 thousand.

Concentration Ratios in Manufacturing

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EXPLANATORY TEXT

EXPLANATIONS FOR TABLES 1 TO 4

These four tables reflect the activity of the largest companies in the industrial sector as a whole. A "company" is defined, for this purpose, as the total of its industrial establishments, including not only its manufacturing plants but also auxiliary establishments such as warehouses and central administrative offices.

Concentration at this level is measured in terms of value added by manufacture. In these census tabulations, value added is preferable to sales or shipments in measuring total company size, since an aggregation of shipments from the census establishment records would contain duplication owing to intracompany transfers of products. Value added for all manufacturing establishments of a given company was aggregated irrespective of the industry classification of the individual establishments. The companies were then arrayed by magnitude of value added in each specified year and totals computed for the 50, 100, 150, and 200 largest companies.

The standard formula for calculating value added by manufacture since 1958 differs from the one used for the 1954 census and earlier years. During the earlier period, the value added of an establishment was calculated by subtracting the cost of materials, supplies, containers, fuels, purchased electric energy, and contract work from the value of shipments for products manufactured plus miscellaneous receipts for services rendered. This is known as unadjusted value added in census publications. Beginning with 1958, the measure of value added has been adjusted for each establishment in two respects. Value added now includes: (1) Value added by merchandising (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly); and (2) an adjustment for the net change in finished goods and work-in-process inventories between the beginning and the end of the year. The resulting figure is the adjusted value added.

Thus, the rankings of the 200 largest companies in 1947 and 1954 were based on unadjusted value added; those for later years were based on adjusted value added. The use of these different measures for determining size should have little effect on the ranking and relative shares of individual companies or on the aggregate shares of the 50, 100, 150, or 200 largest companies in each year.

Except for tables 2 and 3, companies were classified in size groups in each particular year based on their size in that year. Thus, a size group (such as the top four) does not necessarily include the same companies from year to year. The extent to which large companies have grown or declined over the years is reflected in tables 2 and 3. Table 3 shows, for example, that,

of the companies which constituted the 50 largest in 1972 only 33 were among the 50 largest in the 1954 census.

EXPLANATIONS FOR TABLE 5

This table is based on the establishment approach described in the Introduction. A "company" is defined as the total of the individual establishments under one ownership within an industry. Consequently, the same company may appear in several industries if it has diversified activities. In addition, the following points should be kept in mind:

(1) The top 4, 8, 20, and 50 companies are the largest for any particular year based on their value of shipments in that year and are, therefore, not necessarily the same companies from year to year.

(2) For a few industries, as indicated by footnotes, value added by manufacture rather than value of shipments has been used to determine the size of companies. This is considered necessary for industries in which the aggregate value of shipments contains a large amount of duplication because of shipments of semifinished products between establishments. An example is SIC 3585, Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment, in which there are extensive intraindustry sales and transfers of components and subassemblies to producers of complete refrigerators and air conditioners. (The historical changes in the method for calculating value added by manufacture are described in the discussion of tables 1 through 4.)

(3) Ratios are shown for years prior to 1972 only if the SIC industry definitions were considered comparable. As noted in the Introduction, there were extensive revisions in the SIC in 1972 which, in table 5, result in suppression of data for earlier years for a substantial number of industries. In general, the criteria used for judging the comparability of definitions was the effect of the change on number of employees in the industry under the old and new definitions. If the new definition caused more than a 2-percent change, the historical data were suppressed.

(4) The 1966 and 1970 concentration ratios are based on data developed in the Annual Survey of Manufactures. Since the industry aggregates which provide the denominators in the concentration ratios are based on a sample, they are subject to sampling errors. In the 1970 concentration report referred to

EXPLANATORY TEXT—Continued

in the Introduction, sampling errors for each industry as well as a more complete description of the Annual Survey of Manufactures sample are shown.

EXPLANATIONS FOR TABLES 6 AND 7

The product classes (5-digit) and product groups (4-digit) shown in these tables are those developed by the Census Bureau within the framework of the Standard Industrial Classification. In general, the first four digits of the product code numbers refer to the SIC industry in which the product is primarily made. For example, in the product class number 20232, Canned milk products, the first four digits (2023) identify the Condensed and Evaporated Milk industry. The four-digit code numbers shown in these tables (followed by a hyphen) identify product groups rather than industries. The number 2023 identifies the total shipments of condensed and evaporated milk products, whether made in industry 2023 or in other industries. Complications occur in the few SIC industries defined in terms of processes or equipment used as well as products made. As an example, processed pork as a product of slaughtering plants is coded 20126, but if made in meat processing plants is coded 20136. Since these products are similar despite the SIC distinction, data for them have been brought together in this publication in table 7.

Within each product class or group shown in tables 6 and 7, a "company" is represented by the sum of the shipments of that product by all of its manufacturing plants. Consequently, the same company often appears in several different product classes or groups.

As discussed in the section on Census Report Forms, establishments with fewer than 10 employees were excused from filing census reports. Limited data on payrolls, sales, and industry classification were made available to the Census Bureau from administrative records of the Social Security Administration and the Internal Revenue Service. For total manufacturing, these establishments account for less than 3 percent of the payrolls and value added, but this proportion is somewhat larger for industries characterized by small establishments such as lumber, printing, and apparel. The effect of using administrative records for these establishments generally increases the proportional size of the "not specified by kind" (n.s.k.) product classes, because their shipments could not be assigned to

specific 5-digit product classes. Also included in this n.s.k. category are those establishments with 10 employees or more which, for various reasons, did not report the product class detail.

Concentration ratios are not shown for the n.s.k., product classes since they would be of little or no significance. However, if there is a significant increase on the value of shipments of an n.s.k., product class, the establishments comprising the n.s.k., are analyzed and some or all of their value of shipments prorated to the specific 5-digit classes affected. Their concentration ratios are then recalculated.

EXPLANATIONS FOR TABLE 8

In this table, a "company" is defined as the total of the individual establishments under one ownership within an industry. Consequently, the same enterprise may appear in several industries if it has diversified activities. It may be large in some industries and small in others.

Company size within an industry is determined by the total value of shipments and other receipts of its establishments. In addition to sales to customers, this total includes the value of products transferred between establishments of the same company (intracompany transfers). For a few industries, as indicated by footnotes, value added by manufacture rather than value of shipments has been used to determine company size. This was considered necessary for industries in which the aggregate value of shipments contains a large amount of duplication because of shipments of products between establishments.

Within an industry, each line of the table was based on the same companies throughout the line. The ranking of the four largest companies, for example, was determined by their value of shipments (or value added) and the other percentages represent the proportions of employment, payrolls, etc., accounted for by the same four companies.

Data in this publication may differ slightly from the industry and area reports previously published. These differences are due to corrections which were made for minor errors identified after the industry and area reports were issued. This report reflects these corrections.

TABLE 1. Share of Total Value Added by Manufacture Accounted for by the 50, 100, 150, and 200 Largest Manufacturing Companies: 1972 and Earlier Years

Company rank group	Percent of value added by manufacture								
	1972	1970	1967	1966	1963	1962	1958	1954	1947
Largest 50 companies.....	25	24	25	25	25	24	23	23	17
Largest 100 companies.....	33	33	33	33	33	32	30	30	23
Largest 150 companies.....	39	38	38	38	37	36	35	34	27
Largest 200 companies.....	43	43	42	42	41	40	38	37	30

Note: 1962, 1966, and 1970 data are based on the Annual Survey of Manufactures. "Largest companies" are those which were the largest in each of the specified years.

TABLE 2. Share of Total Value Added by Manufacture Accounted for by the 50 and 100 Largest Identical Manufacturing Companies: 1972 and Earlier Years

Year of company ranking, and company rank group (a)	Year of company ranking, and company rank group								
	1972 (b)	1970 (c)	1967 (d)	1966 (e)	1963 (f)	1962 (g)	1958 (h)	1954 (i)	1947 (j)
1972									
Largest 50 companies.....	25	23	23	23	22	22	20	19	12
Largest 100 companies.....	33	31	30	30	29	28	26	25	17
1970									
Largest 50 companies.....	23	24	23	24	23	22	20	19	12
Largest 100 companies.....	32	33	31	31	29	29	26	25	18
1967									
Largest 50 companies.....	22	24	25	25	24	24	22	21	15
Largest 100 companies.....	30	32	33	33	32	31	29	28	20
1966									
Largest 50 companies.....	22	23	24	25	24	24	22	21	14
Largest 100 companies.....	30	31	32	33	32	31	29	28	21
1963									
Largest 50 companies.....	21	23	24	24	25	24	23	22	15
Largest 100 companies.....	29	31	32	33	33	32	30	29	22
1962									
Largest 50 companies.....	22	23	24	25	25	24	23	22	15
Largest 100 companies.....	29	31	33	33	32	32	30	29	21
1958									
Largest 50 companies.....	20	22	23	24	24	24	23	23	16
Largest 100 companies.....	27	29	31	31	32	31	30	29	22
1954									
Largest 50 companies.....	20	21	23	23	24	23	23	23	16
Largest 100 companies.....	27	28	31	31	31	30	30	30	21
1947									
Largest 50 companies.....	17	19	20	21	21	21	20	21	17
Largest 100 companies.....	24	26	27	27	28	27	27	27	23

Note: The 100 largest companies in each specified year were selected and their proportion of total value added by manufacture in each of the other years was computed. Thus this table measures the changes in concentration ratios for a fixed group of companies from one year to another. In case of mergers, the larger of the two at the time of merger was considered to be the predecessor company.

TABLE 3. Changes in Rank Group of the 50 Largest Identical Companies: 1972 and Earlier Years

Year of company ranking and company rank group	Year of company ranking and company rank group								
	1972	1970	1967	1966	1963	1962	1958	1954	1947
1972									
Among 50 largest.....	50	45	42	43	40	40	37	33	25
Among 51st to 100th largest.....	-	5	8	5	6	6	6	11	10
Among 101st to 200th largest.....	-	-	-	2	3	3	4	1	10
Not among 200 largest.....	-	-	-	-	1	1	3	5	5
1970									
Among 50 largest.....	45	50	45	44	41	41	36	33	25
Among 51st to 100th largest.....	4	-	5	5	6	6	5	10	10
Among 101st to 200th largest.....	1	-	-	1	3	3	7	3	9
Not among 200 largest.....	-	-	-	-	-	-	2	4	6
1967									
Among 50 largest.....	42	45	50	46	43	41	35	32	24
Among 51st to 100th largest.....	7	5	-	3	6	8	8	12	10
Among 101st to 200th.....	1	-	-	1	1	1	6	4	12
Not among 200 largest.....	-	-	-	-	-	-	1	2	4
1966									
Among 50 largest.....	43	45	46	50	42	43	36	33	25
Among 51st to 100th largest.....	4	4	3	-	8	6	9	12	10
Among 101st to 200th largest.....	1	-	-	-	-	1	4	3	12
Not among 200 largest.....	2	1	1	-	-	-	1	2	3
1963									
Among 50 largest.....	40	41	43	42	50	46	42	38	30
Among 51st to 100th largest.....	9	8	7	8	-	4	6	10	10
Among 101st to 200th largest.....	-	-	-	-	-	-	2	2	10
Not among 200 largest.....	1	1	-	-	-	-	-	-	-
1962									
Among 50 largest.....	40	41	41	43	46	50	42	38	29
Among 51st to 100th largest.....	9	8	9	7	4	-	7	11	10
Among 101st to 200th.....	-	-	-	-	-	-	1	1	10
Not among 200 largest.....	1	1	-	-	-	-	-	-	1
1958									
Among 50 largest.....	36	36	35	36	42	42	50	45	34
Among 51st to 100th largest.....	10	10	14	14	8	8	-	5	10
Among 101st to 200th largest.....	2	3	1	-	-	-	-	-	6
Not among 200 largest.....	2	1	-	-	-	-	-	-	-
1954									
Among 50 largest.....	33	33	32	33	38	38	45	50	35
Among 51st to 100th largest.....	9	11	16	16	11	11	4	-	11
Among 101st to 200th.....	5	4	1	-	1	1	1	-	3
Not among 200 largest.....	3	2	1	1	-	-	-	-	1
1947									
Among 50 largest.....	25	24	24	25	30	29	34	35	50
Among 51st to 100th largest.....	13	13	17	18	16	16	12	12	-
Among 101st to 200th largest.....	6	8	5	4	3	5	4	3	-
Not among 200 largest.....	6	5	4	3	1	-	-	-	-

Note: 1962, 1966, and 1970 data are based on the Annual Survey of Manufactures, other years on the census of manufactures. The 50 largest companies in each specified year were selected and the rank group of the same companies determined in other years. Thus, this table measures the shifting of position of a fixed group of companies from one year to another. In case of mergers, the larger of the two at the time of the merger was considered to be the predecessor company.

TABLE 4. Share of Value Added, Employment, Payroll, Value of Shipments, and Capital Expenditures Accounted for by the 200 Largest Companies: 1972 and 1967

(Percent)

Company rank group based on value added by manufacture	Value added by manufacture	All employees ¹		Production workers			Value of shipments ²	Capital expenditures, new
		Number	Payroll	Number	Man-hours	Wages		
50 largest.....	25	17	22	17	18	24	24	26
.....1967..	25	20	25	18	18	23	25	27
51st to 100th largest.....	9	6	8	6	6	7	8	8
.....1967..	8	6	7	5	6	6	8	13
101st to 150th largest.....	6	5	5	5	5	6	6	6
.....1967..	5	4	5	4	4	4	6	6
151st to 200th largest.....	4	3	3	3	3	4	5	5
.....1967..	4	4	3	3	3	3	4	4
200 largest.....	43	31	37	32	32	40	43	46
.....1967..	42	34	40	30	31	37	43	51

Note: All percentages are independently rounded and do not necessarily add to totals.

¹Includes employees in central administrative offices and auxiliaries serving manufacturing establishments.

²Includes a substantial, but unmeasurable amount, of duplication because of shipments of materials and products among manufacturing establishments for further processing.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years

1972 code	Industry and year ¹	Companies ²	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
		Total	Percent accounted for by ⁴ —							
		(number)	(million dollars)	4 largest companies	8 largest companies	20 largest companies	50 largest companies			
		MAJOR GROUP 20.—FOOD AND KINDRED PRODUCTS								
2011	Meatpacking plants ⁸.....1972..	2,293	⁹ 2,968.1	22	37	51	66	98	84	(X)
	.....1970..	(NA)	⁹ 2,630.1	23	37	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	2,529	⁹ 2,220.5	26	38	50	62	98	85	(X)
	.....1966..	(NA)	⁹ 2,025.5	27	39	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	2,833	⁹ 1,908.3	31	42	54	64	98	86	(X)
	.....1958..	2,646	⁹ 1,677.1	34	46	57	65	98	88	(X)
	.....1954..	2,228	⁹ 1,394.5	39	51	60	(NA)	98	87	(X)
	.....1947..	1,999	⁹ 977.1	41	54	63	(NA)	(NA)	(NA)	(X)
2013	Sausages and other prepared meats ⁸.....1972..	1,207	⁹ 1,099.9	19	26	38	54	97	52	(X)
	.....1970..	(NA)	⁹ 917.0	16	(S)	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	1,294	⁹ 742.5	15	22	34	51	96	46	(X)
	.....1966..	(NA)	⁹ 624.6	16	23	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	1,273	⁹ 563.4	16	23	35	51	94	38	(X)
2016	Poultry dressing plants ¹⁰.....1972..	406	3,254.1	17	26	42	62	97	97	(X)
2017	Poultry and egg processing.....1972..	110	588.1	23	36	65	91	84	88	(X)
	1967 industry 2015, Poultry and Small Game Dressing and Packing, Wholesale (1972 industry 2016 and 2017) ¹⁰.....1970..	(NA)	3,463.8	16	25	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	709	2,936.1	15	23	35	51	99	98	(X)
	.....1966..	(NA)	2,754.1	17	24	(NA)	(NA)	(NA)	(NA)	4
	.....1963..	842	2,240.9	14	20	30	47	98	98	(X)
2021	Creamery butter.....1972..	201	808.3	45	58	78	92	71	70	(X)
	.....1970..	(NA)	806.3	(S)	(S)	(NA)	(NA)	(NA)	(NA)	5
	.....1967..	510	958.8	15	22	36	60	71	75	(X)
	.....1966..	(NA)	975.6	(S)	(S)	(NA)	(NA)	(NA)	(NA)	4
	.....1963..	725	988.8	11	19	31	48	69	77	(X)
	.....1958..	997	947.4	11	18	28	45	70	80	(X)
	.....1954..	1,172	926.4	16	24	34	(NA)	74	77	(X)
	.....1947 ¹¹	1,482	844.7	18	24	32	(NA)	79	84	(X)
2022	Cheese, natural and processed.....1972..	739	3,195.0	42	53	65	77	89	98	(X)
	.....1970..	(NA)	2,175.7	43	52	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	891	1,707.8	44	51	61	72	93	98	(X)
	.....1966..	(NA)	1,552.3	44	51	(NA)	(NA)	(NA)	(NA)	9
	.....1963..	982	1,170.8	44	51	59	69	93	96	(X)
2023	Condensed and evaporated milk.....1972..	172	1,667.8	39	58	76	92	80	68	(X)
	.....1970..	(NA)	1,352.0	39	(S)	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	179	1,263.0	41	56	74	90	82	71	(X)
	.....1966..	(NA)	1,099.5	45	59	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	167	937.9	40	53	71	90	80	66	(X)
2024	Ice cream and frozen desserts.....1972..	561	1,244.7	29	40	58	75	96	70	(X)
	.....1970..	(NA)	1,146.2	30	41	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	713	1,059.4	33	43	60	73	97	73	(X)
	.....1966..	(NA)	1,142.2	33	44	(NA)	(NA)	(NA)	(NA)	4
	.....1963..	901	1,076.5	37	48	64	74	93	74	(X)
	.....1958..	1,171	877.7	38	48	59	69	94	71	(X)
	.....1954..	1,375	727.4	36	45	57	(NA)	93	70	(X)
	.....1947 ¹¹	1,273	611.8	40	48	57	(NA)	90	87	(X)
2026	Fluid milk.....1972..	2,024	9,395.7	18	26	42	56	88	96	(X)
	.....1970..	(NA)	8,253.3	20	(S)	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	2,988	7,826.0	22	30	42	51	90	96	(X)
	.....1966..	(NA)	7,434.9	23	30	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	4,030	7,025.9	23	30	40	48	90	95	(X)
	.....1958..	5,008	5,802.0	23	29	37	45	90	95	(X)
	.....1954 ¹²	(NA)	4,586.8	22	28	(NA)	(NA)	(NA)	(NA)	(X)
2032	Canned specialties ⁸.....1972..	178	¹³ 1,876.6	67	81	94	98	81	91	(X)
	.....1970..	(NA)	¹³ 1,634.2	66	81	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	150	¹³ 1,361.9	69	83	94	99	82	91	(X)
	.....1966..	(NA)	¹³ 1,456.9	63	79	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	154	¹³ 1,169.3	67	83	94	99	80	91	(X)
2033	Canned fruits and vegetables.....1972..	766	¹³ 4,043.8	20	31	53	71	89	94	(X)
	.....1970..	(NA)	¹³ 3,629.1	21	33	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	930	¹³ 3,467.8	22	34	52	70	90	93	(X)
	.....1966..	(NA)	¹³ 3,215.8	24	35	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	1,135	¹³ 2,742.8	24	34	50	68	89	91	(X)
2034	Dehydrated fruits, vegetables, soups.....1972..	133	607.3	33	51	76	94	95	88	(X)
	.....1970..	(NA)	464.3	33	52	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	134	420.8	32	50	75	96	94	86	(X)
	.....1966..	(NA)	395.2	31	50	(NA)	(NA)	(NA)	(NA)	4
	.....1963..	126	318.7	37	56	80	96	96	89	(X)
	.....1958..	130	267.3	45	66	82	98	97	93	(X)
	.....1954..	119	192.2	48	69	87	(NA)	95	97	(X)
	.....1947..	120	51.1	56	71	86	(NA)	96	90	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ -						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
			MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued							
2035	Pickles, sauces, and salad dressings.....1972..	430	¹³ 1,166.7	33	46	62	81	80	78	(X)
	1970..	(NA)	¹³ 1,114.5	38	51	(NA)	(NA)	(NA)	(NA)	2
	1967..	479	¹³ 818.9	33	44	62	80	81	80	(X)
	1966..	(NA)	¹³ 817.5	33	44	(NA)	(NA)	(NA)	(NA)	3
	1963..	541	¹³ 677.3	36	46	64	79	79	82	(X)
2037	Frozen fruits and vegetables ¹⁴.....1972..	136	¹³ 1,848.8	29	43	69	91	86	91	(X)
	1970..	(NA)	¹³ 2,810.2	26	(S)	(NA)	(NA)	(NA)	(NA)	1
	1967..	495	¹³ 2,081.6	24	36	55	74	92	90	(X)
	1966..	(NA)	¹³ 1,884.6	24	37	(NA)	(NA)	(NA)	(NA)	2
	1963..	566	¹³ 1,548.7	24	37	54	70	89	89	(X)
2038	Frozen specialties ¹⁴.....1972..	388	¹³ 1,935.5	42	54	70	86	94	92	(X)
2041	Flour and other grain mill products.....1972..	340	2,380.0	33	53	75	91	97	74	(X)
	1970..	(NA)	2,410.1	30	46	(NA)	(NA)	(NA)	(NA)	1
	1967..	438	2,457.4	30	46	70	89	93	78	(X)
	1966..	(NA)	2,344.9	31	47	(NA)	(NA)	(NA)	(NA)	4
	1963..	510	2,176.5	35	50	71	88	94	78	(X)
	1958..	703	1,970.0	38	51	68	85	93	85	(X)
	1954..	692	1,858.9	40	52	68	(NA)	94	84	(X)
	1947..	1,084	2,526.6	29	41	57	(NA)	92	92	(X)
	1935..	(NA)	853.2	29	37	(NA)	(NA)	(NA)	(NA)	(X)
2043	Cereal breakfast foods.....1972..	34	1,125.5	90	98	99+	100	77	84	(X)
	1970..	(NA)	953.1	90	(D)	(NA)	(NA)	(NA)	(NA)	1
	1967..	30	793.0	88	97	99+	100	81	82	(X)
	1966..	(NA)	742.9	87	(S)	(NA)	(NA)	(NA)	(NA)	2
	1963..	35	625.1	86	96	99+	100	80	86	(X)
	1958..	34	433.0	83	95	99+	100	80	81	(X)
	1954..	37	345.8	88	95	99+	100	77	80	(X)
	1947..	55	284.3	79	91	98	(NA)	68	87	(X)
	1935..	(NA)	(NA)	68	82	(NA)	(NA)	(NA)	(NA)	(X)
2044	Rice milling.....1972..	48	680.6	43	68	92	100	100	98	(X)
	1970..	(NA)	550.8	50	73	(NA)	(NA)	(NA)	(NA)	1
	1967..	54	548.4	46	68	89	99+	100	98	(X)
	1966..	(NA)	457.6	45	(S)	(NA)	(NA)	(NA)	(NA)	3
	1963..	62	423.0	44	66	86	99+	100	100	(X)
	1958..	61	282.3	43	64	84	99	100	100	(X)
	1954..	65	266.9	41	60	81	(NA)	99	100	(X)
	1947..	75	224.7	33	48	72	(NA)	100	100	(X)
	1935..	(NA)	(NA)	38	52	(NA)	(NA)	(NA)	(NA)	(X)
2045	Blended and prepared flour.....1972..	115	704.6	68	81	92	98	77	65	(X)
	1970	(NA)	549.8	(S)	(S)	(NA)	(NA)	(NA)	(NA)	3
	1967..	126	547.5	68	82	93	98	78	63	(X)
	1966..	(NA)	502.9	69	(S)	(NA)	(NA)	(NA)	(NA)	4
	1963..	140	434.0	70	82	92	98	78	62	(X)
2046	Wet corn milling.....1972..	26	832.3	63	86	99+	100	93	97	(X)
	1970..	(NA)	830.5	64	88	(NA)	(NA)	(NA)	(NA)	1
	1967..	32	751.3	68	89	99+	100	84	96	(X)
	1966..	(NA)	755.3	67	90	(NA)	(NA)	(NA)	(NA)	3
	1963..	49	622.4	71	93	99	100	83	93	(X)
	1958..	53	522.0	73	92	99	99+	91	96	(X)
	1954..	54	458.4	75	93	99	99+	91	96	(X)
	1947..	47	460.0	77	95	99+	100	88	96	(X)
	1935..	(NA)	(NA)	79	95	(NA)	(NA)	(NA)	(NA)	(X)
2047	Dog, cat, and other pet food.....1972..	147	1,401.9	51	71	86	95	94	87	(X)
2048	Prepared feeds, n.e.c.....1972..	1,579	5,037.1	23	31	43	58	96	96	(X)
	1967 industry 2042, Prepared Feeds for Animals and Fowls (1972 industries 2047 and 2048).....1970..	(NA)	5,465.3	24	34	(NA)	(NA)	(NA)	(NA)	2
	1967..	1,835	4,796.9	23	31	42	58	97	94	(X)
	1966..	(NA)	4,438.4	23	31	(NA)	(NA)	(NA)	(NA)	3
	1963..	2,150	3,880.1	22	28	40	54	96	93	(X)
	1958..	2,016	2,942.0	22	30	43	56	97	91	(X)
	1954..	2,037	2,702.3	21	29	43	(NA)	95	90	(X)
	1947..	2,372	2,112.2	19	27	40	(NA)	95	89	(X)
	1935..	(NA)	(NA)	23	34	(NA)	(NA)	(NA)	(NA)	(X)
2051	Bread, cake, and related products.....1972..	2,800	6,132.0	29	39	50	62	98	99	(X)
	1970..	(NA)	5,607.2	29	39	(NA)	(NA)	(NA)	(NA)	1
	1967..	3,445	5,102.7	26	38	47	58	97	99	(X)
	1966..	(NA)	5,007.2	25	37	(NA)	(NA)	(NA)	(NA)	2
	1963..	4,339	4,506.0	23	35	45	56	98	99	(X)
	1958..	5,305	3,699.5	22	33	42	51	98	99	(X)
	1954..	5,470	3,067.0	20	31	40	(NA)	98	99	(X)
	1947..	5,985	2,403.6	16	26	36	(NA)	98	99	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies				50 largest companies

MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued										
2052	Cookies and crackers.....1972..	257	1,763.5	59	69	83	93	98	95	(X) 2
	1970..	(NA)	1,545.6	59	70	(NA)	(NA)	(NA)	(NA)	1
	1967..	286	1,363.8	59	70	82	91	97	93	(X)
	1966..	(NA)	1,327.3	59	68	(NA)	(NA)	(NA)	(NA)	2
	1963..	286	1,150.1	59	68	80	91	97	95	(X)
2061	Raw cane sugar¹⁶.....1972..	60	406.5	44	62	84	99+	100	96	(X)
	1970..	(NA)	364.4	45	63	(NA)	(NA)	(NA)	(NA)	1
	1967..	61	368.5	43	65	82	99+	100	100	(X)
	1966..	(NA)	313.5	50	72	(NA)	(NA)	(NA)	(NA)	7
	1963..	50	378.7	47	65	82	100	99	100	(X)
2062	Cane sugar refining¹⁶.....1972..	22	1,742.7	59	85	99+	100	99	98	(X)
	1970..	(NA)	1,583.8	59	86	(NA)	(NA)	(NA)	(NA)	1
	1967..	22	1,375.7	59	82	99+	100	100	100	(X)
	1966..	(NA)	1,219.9	63	87	(NA)	(NA)	(NA)	(NA)	2
	1963..	16	1,271.2	63	83	100	(X)	100	100	(X)
2063	Beet sugar.....1972..	16	880.2	66	96	100	(X)	99	100	(X)
	1970..	(NA)	726.6	65	(D)	(NA)	(NA)	(NA)	(NA)	1
	1967..	15	560.7	66	96	100	(X)	100	100	(X)
	1966..	(NA)	579.5	68	97	(NA)	(NA)	(NA)	(NA)	2
	1963..	11	564.1	66	97	100	(X)	100	100	(X)
	1958..	15	382.1	64	94	100	(X)	100	100	(X)
	1954..	15	291.2	66	96	100	(X)	100	100	(X)
	1947..	17	262.9	68	94	100	(X)	100	100	(X)
	1935..	(NA)	(NA)	68	89	(NA)	(NA)	(NA)	(NA)	(X)
2065	Confectionery products (1967 industry 2071).....1972..	917	2,472.5	32	42	59	75	95	95	(X)
	1970..	(NA)	2,276.4	30	40	(NA)	(NA)	(NA)	(NA)	1
	1967..	1,091	1,870.2	25	35	52	69	97	94	(X)
	1966..	(NA)	1,681.5	24	34	(NA)	(NA)	(NA)	(NA)	3
	1963..	1,142	1,454.5	15	25	45	64	95	95	(X)
	1958..	1,301	1,170.1	18	27	44	62	96	96	(X)
	1954..	1,388	992.6	19	27	43	(NA)	95	96	(X)
	1947..	1,620	994.9	17	25	39	(NA)	97	97	(X)
	1935..	(NA)	(NA)	12	19	(NA)	(NA)	(NA)	(NA)	(X)
2066	Chocolate and cocoa products (1967 industry 2072).....1972..	39	735.5	74	88	99	100	98	75	(X)
	1970..	(NA)	601.5	79	90	(NA)	(NA)	(NA)	(NA)	1
	1967..	27	520.5	77	89	99+	100	96	75	(X)
	1966..	(NA)	471.0	78	90	(NA)	(NA)	(NA)	(NA)	2
	1963..	24	479.1	75	87	99+	100	99	82	(X)
	1958..	26	446.8	71	84	98	100	98	87	(X)
	1954..	27	423.8	70	83	98	100	98	89	(X)
	1947..	31	349.9	68	81	96	100	99	100	(X)
	1935..	(NA)	(NA)	67	77	(NA)	100	(NA)	(NA)	(X)
2067	Chewing gum (1967 industry 2073).....1972..	15	382.6	87	98	100	(X)	90	88	(X)
	1970..	(NA)	407.7	85	97	(NA)	(NA)	(NA)	(NA)	1
	1967..	19	303.7	86	96	100	(X)	86	95	(X)
	1966..	(NA)	281.7	88	96	(NA)	(NA)	(NA)	(NA)	2
	1963..	20	244.8	90	97	100	(X)	88	96	(X)
	1958..	24	184.3	89	96	99+	100	91	96	(X)
	1954..	27	158.1	86	94	99+	100	95	98	(X)
	1947..	35	148.3	70	87	98	100	(D)	(D)	(X)
	1935..	(NA)	(NA)	97	97	(NA)	(NA)	(NA)	(NA)	(X)
2074	Cottonseed oil mills (1967 industry 2091).....1972..	74	458.7	43	61	80	99	85	88	(X)
	1970..	(NA)	375.8	39	(S)	(NA)	(NA)	(NA)	(NA)	3
	1967..	91	405.9	42	60	80	96	85	85	(X)
	1966..	(NA)	560.8	38	56	(NA)	(NA)	(NA)	(NA)	5
	1963..	115	555.2	41	56	72	91	89	91	(X)
	1958..	125	383.4	42	54	71	91	92	92	(X)
	1954..	145	546.4	47	57	72	(NA)	96	93	(X)
	1947..	177	518.1	43	55	68	(NA)	90	99	(X)
	1935..	(NA)	187.9	32	43	(NA)	(NA)	(NA)	(NA)	(X)
2075	Soybean oil mills (1967 industry 2092).....1972..	54	3,357.2	54	69	92	99+	85	96	(X)
	1970..	(NA)	2,609.9	56	73	(NA)	(NA)	(NA)	(NA)	1
	1967..	60	2,148.3	55	76	94	100	86	96	(X)
	1966..	(NA)	2,009.8	57	78	(NA)	(NA)	(NA)	(NA)	2
	1963..	68	1,473.4	50	70	88	99+	89	95	(X)
	1958..	1766	999.2	40	63	86	99+	87	94	(X)
	1954..	55	826.4	41	64	89	(NA)	88	96	(X)
	1947..	105	585.7	44	63	81	(NA)	96	80	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)		
			Total (million dollars)	Percent accounted for by ⁴ —							
				4 largest companies	8 largest companies	20 largest companies	50 largest companies				
MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued											
2076	Vegetable oil mills, n.e.c. (1967 industry 2093).....	1972..	29	261.0	70	89	99+	100	93	63	(X)
		1970..	(NA)	237.5	60	84	(NA)	(NA)	(NA)	(NA)	1
		1967..	34	236.7	56	78	99	100	80	74	(X)
		1966..	(NA)	(265.7)	53	76	(NA)	(NA)	(NA)	(NA)	18
		1963..	39	234.2	58	83	99	100	84	83	(X)
		1958 ¹⁸	38	216.1	66	93	(NA)	100	80	93	(X)
2077	Animal and marine fats and oils (1967 industry 2094).....	1972..	401	764.7	28	37	52	70	94	68	(X)
		1970..	(NA)	790.1	(S)	(S)	(NA)	(NA)	(NA)	(NA)	8
		1967..	477	557.9	28	36	49	66	94	67	(X)
		1966..	(NA)	(765.3)	25	32	(NA)	(NA)	(NA)	(NA)	12
		1963..	516	474.0	23	31	43	61	94	66	(X)
		1958 ¹⁹	(NA)	362.4	20	30	(NA)	(NA)	(NA)	(NA)	(X)
2079	Shortening and cooking oils (1967 industry 2096).....	1972..	64	2,068.1	44	70	93	99+	89	78	(X)
		1970..	(NA)	1,887.5	46	72	(NA)	(NA)	(NA)	(NA)	1
		1967..	63	1,725.6	43	67	93	99+	87	86	(X)
		1966..	(NA)	1,687.4	47	73	(NA)	(NA)	(NA)	(NA)	2
		1963..	65	1,324.3	42	64	92	99+	88	89	(X)
		1958 ²⁰	62	1,152.6	44	69	(NA)	(NA)	93	90	(X)
2082	Malt beverages.....	1972..	108	4,054.4	52	70	91	99	100	100	(X)
		1970..	(NA)	3,684.6	46	64	(NA)	(NA)	(NA)	(NA)	1
		1967..	125	2,929.7	40	59	86	98	100	100	(X)
		1966..	(NA)	2,699.9	39	56	(NA)	(NA)	(NA)	(NA)	2
		1963 ²¹	171	2,315.1	34	52	78	94	100	100	(X)
		1958..	211	1,979.7	28	44	68	88	100	100	(X)
		1954..	263	1,857.1	27	41	60	(NA)	100	100	(X)
		1947..	404	1,316.0	21	30	44	(NA)	100	99	(X)
		1935..	(NA)	(NA)	11	17	(NA)	(NA)	(NA)	(NA)	(X)
2083	Malt.....	1972..	30	226.3	48	74	98	100	97	99	(X)
		1970..	(NA)	202.8	(S)	(S)	(NA)	(NA)	(NA)	(NA)	2
		1967..	32	216.5	39	62	94	100	97	100	(X)
		1966..	(NA)	205.5	41	64	(NA)	(NA)	(NA)	(NA)	3
		1963..	29	183.5	38	62	95	100	100	95	(X)
		1958..	32	183.4	50	70	95	100	100	98	(X)
		1954..	35	202.0	49	69	93	100	100	100	(X)
		1947..	41	256.2	49	69	92	100	100	100	(X)
		1935..	(NA)	(NA)	44	65	(NA)	(NA)	(NA)	(NA)	(X)
2084	Wines, brandy and brandy spirits ²²	1972..	183	⁹ 407.9	53	68	84	95	98	96	(X)
		1970..	(NA)	⁹ 278.4	(S)	(S)	(NA)	(NA)	(NA)	(NA)	3
		1967..	175	⁹ 196.8	48	63	81	68	97	94	(X)
		1966..	(NA)	⁹ 193.4	41	56	(NA)	(NA)	(NA)	(NA)	10
		1963..	194	⁹ 137.3	44	62	76	90	98	99	(X)
		1958..	216	⁹ 101.7	35	50	70	87	98	96	(X)
		1954..	244	⁹ 96.7	38	54	71	(NA)	(NA)	(NA)	(X)
		1947..	379	⁹ 95.0	26	42	55	(NA)	(NA)	100	(X)
2085	Distilled liquor, except brandy.....	1972..	76	¹³ 1,797.9	47	73	91	99	98	99	(X)
		1970..	(NA)	¹³ 1,757.8	47	68	(NA)	(NA)	(NA)	(NA)	4
		1967..	70	¹³ 1,364.2	54	71	88	99	98	98	(X)
		1966..	(NA)	¹³ 1,331.6	55	72	(NA)	(NA)	(NA)	(NA)	5
		1963..	70	¹³ 1,090.5	58	74	92	99	98	99	(X)
		1958..	88	¹³ 830.2	60	77	94	99	98	100	(X)
		1954..	98	¹³ 711.3	64	79	93	(NA)	99+	100	(X)
		1947..	144	¹³ 870.2	75	86	95	(NA)	99	99	(X)
		1935..	(NA)	(NA)	51	71	(NA)	(NA)	(NA)	(NA)	(X)
2086	Bottled and canned soft drinks.....	1972..	2,271	5,453.8	14	21	32	44	98	97	(X)
		1970..	(NA)	4,605.3	13	20	(NA)	(NA)	(NA)	(NA)	3
		1967..	3,057	3,173.2	13	20	28	38	98	96	(X)
		1966..	(NA)	2,734.9	14	20	(NA)	(NA)	(NA)	(NA)	2
		1963..	3,569	2,210.9	12	17	24	34	98	95	(X)
		1958..	3,989	1,434.9	11	15	22	28	98	98	(X)
		1954..	4,334	1,113.1	10	14	21	(NA)	98	99	(X)
		1947..	5,169	748.2	10	14	20	(NA)	99	99	(X)
		1935..	(NA)	(NA)	8	13	(NA)	(NA)	(NA)	(NA)	(X)
2087	Flavoring extracts and sirups, n.e.c.....	1972..	350	1,472.0	66	74	82	89	87	86	(X)
		1970..	(NA)	1,318.8	61	69	(NA)	(NA)	(NA)	(NA)	3
		1967..	401	1,009.1	67	75	82	90	94	85	(X)
		1966..	(NA)	974.4	63	71	(NA)	(NA)	(NA)	(NA)	3
		1963..	492	729.7	62	70	78	86	90	78	(X)
		1958..	498	494.9	55	67	78	87	90	83	(X)
		1954..	530	446.1	53	63	75	(NA)	91	87	(X)
		1947..	582	313.6	50	58	68	(NA)	93	89	(X)
		1935..	(NA)	(NA)	47	54	(NA)	(NA)	(NA)	(NA)	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)		
			Total (million dollars)	Percent accounted for by ⁴ —							
				4 largest companies	8 largest companies	20 largest companies	50 largest companies				
			MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued								
2091	Canned and cured seafoods (1967 industry 2031).....	1972..	259	¹³ 809.8	50	65	77	89	87	92	(X)
		1970..	(NA)	¹³ 660.9	53	69	(NA)	(NA)	(NA)	(NA)	3
		1967..	268	¹³ 523.1	44	59	73	85	92	95	(X)
		1966..	(NA)	¹³ 548.1	42	56	(NA)	(NA)	(NA)	(NA)	4
		1963 ^{1 6}	345	¹³ 452.5	38	51	56	80	92	95	(X)
2092	Fresh or frozen packaged fish (1967 industry 2036).....	1972..	471	¹³ 1,084.4	20	32	53	74	96	96	(X)
		1970..	(NA)	¹³ 655.0	25	38	(NA)	(NA)	(NA)	(NA)	2
		1967..	463	¹³ 557.4	26	38	56	72	97	94	(X)
		1966..	(NA)	¹³ 492.7	33	48	(NA)	(NA)	(NA)	(NA)	6
		1963..	528	¹³ 391.2	25	38	53	68	95	94	(X)
		1958..	429	¹³ 282.7	18	30	47	68	93	96	(X)
		1954 ^{2 3}	288	¹³ 164.6	24	37	56	(NA)	94	95	(X)
2095	Roasted coffee.....	1972..	162	2,328.7	65	79	92	97	94	97	(X)
		1970..	(NA)	2,405.5	58	74	(NA)	(NA)	(NA)	(NA)	1
		1967..	206	2,092.2	53	71	87	96	91	99	(X)
		1966..	(NA)	2,082.5	54	70	(NA)	(NA)	(NA)	(NA)	2
		1963..	261	1,868.1	52	68	84	94	90	99	(X)
2097	Manufactured ice.....	1972..	610	116.4	32	44	53	63	100	99	(X)
		1970..	(NA)	115.3	(S)	(S)	(NA)	(NA)	(NA)	(NA)	6
		1967..	688	99.5	33	42	50	61	100	99	(X)
		1966..	(NA)	124.2	(S)	(S)	(NA)	(NA)	(NA)	(NA)	8
		1963..	862	122.6	32	39	48	59	99	100	(X)
		1958..	1,099	130.1	31	41	49	59	99	99	(X)
		1954..	1,430	143.3	26	32	41	(NA)	100	97	(X)
		1947..	2,206	273.4	22	30	40	(NA)	100	98	(X)
		1935..	(NA)	(NA)	20	28	(NA)	(NA)	(NA)	(NA)	(X)
2098	Macaroni and spaghetti.....	1972..	179	348.3	38	53	76	93	99	91	(X)
		1970..	(NA)	315.7	(S)	(S)	(NA)	(NA)	(NA)	(NA)	4
		1967..	190	266.0	31	48	73	93	97	98	(X)
		1966..	(NA)	237.7	31	46	(NA)	(NA)	(NA)	(NA)	4
		1963..	207	222.9	31	47	71	91	96	94	(X)
		1958..	205	167.5	25	41	64	87	97	98	(X)
		1954..	226	149.7	26	37	58	(NA)	98	95	(X)
		1947..	219	112.1	23	35	56	(NA)	98	99	(X)
		1935..	(NA)	(NA)	16	26	(NA)	(NA)	(NA)	(NA)	(X)
2099	Food preparations, n.e.c.....	1972..	1,856	3,647.9	26	36	51	67	90	82	(X)
		1970..	(NA)	3,143.6	26	36	(NA)	(NA)	(NA)	(NA)	2
		1967..	1,824	2,413.3	24	35	51	66	90	82	(X)
		1966..	(NA)	2,206.0	26	37	(NA)	(NA)	(NA)	(NA)	7
		1963..	1,977	1,797.3	24	33	48	64	91	78	(X)
			MAJOR GROUP 21.--TOBACCO MANUFACTURES								
2111	Cigarettes.....	1972..	13	¹³ 3,744.6	84	(D)	100	(X)	96	100	(X)
		1970..	(NA)	¹³ 3,503.4	84	(S)	(NA)	(NA)	(NA)	(NA)	1
		1967..	8	¹³ 3,044.6	81	100	(X)	(X)	97	100	(X)
		1966..	(NA)	¹³ 2,860.3	81	100	(NA)	(NA)	(NA)	(NA)	2
		1963..	7	¹³ 2,655.3	80	100	(X)	(X)	97	100	(X)
		1958..	12	¹³ 2,159.1	79	99+	100	(X)	99	100	(X)
		1954..	12	¹³ 1,641.0	82	99+	100	(X)	99	100	(X)
		1947..	19	¹³ 1,131.9	90	99+	100	(X)	96	100	(X)
		1935..	(NA)	(NA)	89	99	(NA)	(NA)	(NA)	(NA)	(X)
2121	Cigars.....	1972..	107	¹³ 338.7	56	81	95	99	100	91	(X)
		1970..	(NA)	¹³ 375.3	61	83	(NA)	(NA)	(NA)	(NA)	1
		1967..	126	¹³ 363.7	59	83	96	99+	100	98	(X)
		1966..	(NA)	¹³ 378.8	58	82	(NA)	(NA)	(NA)	(NA)	6
		1963..	164	¹³ 358.5	59	81	92	99	100	100	(X)
		1958..	247	¹³ 351.6	54	75	86	96	100	100	(X)
		1954..	375	¹³ 339.5	44	64	80	(NA)	99	100	(X)
		1947..	765	¹³ 311.4	41	57	76	(NA)	99	100	(X)
		1935..	(NA)	(NA)	38	50	(NA)	(NA)	(NA)	(NA)	(X)
2131	Chewing and smoking tobacco.....	1972..	28	¹³ 180.2	71	92	99+	100	96	64	(X)
		1970..	(NA)	¹³ 178.5	(S)	(S)	(NA)	(NA)	(NA)	(NA)	1
		1967..	41	¹³ 122.2	51	81	98	100	96	58	(X)
		1966..	(NA)	¹³ 146.9	59	82	(NA)	(NA)	(NA)	(NA)	6
		1963..	45	¹³ 139.5	58	83	98	100	97	61	(X)
		1958..	52	¹³ 173.7	57	82	98	99+	98	88	(X)
		1954..	58	¹³ 161.7	58	82	99	(NA)	96	89	(X)
		1947..	65	¹³ 140.1	61	81	98	(NA)	98	86	(X)
		1935..	(NA)	(NA)	56	84	(NA)	(NA)	(NA)	(NA)	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ -						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
			MAJOR GROUP 21.--TOBACCO MANUFACTURES--Continued							
2141	Tobacco stemming and redrying.....1972..	46	¹³ 1,656.8	67	87	98	100	100	97	(X)
	1970..	(NA)	¹³ 1,288.3	66	87	(NA)	(NA)	(NA)	(NA)	1
	1967..	54	¹³ 1,373.1	63	87	97	99+	100	99	(X)
	1966..	(NA)	¹³ 1,386.8	69	91	(NA)	(NA)	(NA)	(NA)	5
	1963..	59	¹³ 1,366.6	70	92	97	99+	100	100	(X)
	1958..	64	¹³ 1,037.0	73	90	96	99+	100	100	(X)
	1954..	72	¹³ 1,043.2	79	91	96	(NA)	100	99	(X)
	1947..	93	¹³ 957.8	88	95	97	(NA)	100	98	(X)
			MAJOR GROUP 22.--TEXTILE MILL PRODUCTS							
2211	Weaving mills, cotton.....1972..	190	2,660.6	31	48	72	93	84	60	(X)
	1970..	(NA)	2,547.3	33	50	(NA)	(NA)	(NA)	(NA)	1
	1967..	218	3,327.7	30	48	68	88	87	79	(X)
	1966..	(NA)	3,561.9	30	48	(NA)	(NA)	(NA)	(NA)	2
	1963..	229	3,104.1	30	46	67	87	92	80	(X)
	1958..	321	2,719.4	25	40	59	79	94	82	(X)
	1954..	413	2,789.6	18	29	49	(NA)	94	84	(X)
	1947..	(²⁴)	2,912.7	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(X)
2221	Weaving mills, manmade fiber and silk.....1972..	256	3,856.6	39	54	72	88	81	74	(X)
	1970..	(NA)	3,138.1	42	54	(NA)	(NA)	(NA)	(NA)	1
	1967..	272	2,289.6	46	54	68	86	85	74	(X)
	1966..	(NA)	2,240.9	40	50	(NA)	(NA)	(NA)	(NA)	2
	1963..	277	1,722.4	39	48	64	82	86	82	(X)
	1958..	328	1,230.7	34	44	62	78	85	88	(X)
	1954..	396	1,142.6	30	39	55	(NA)	87	90	(X)
	1947..	432	1,002.9	31	39	56	(NA)	85	(NA)	(X)
2231	Weaving and finishing mills, wool.....1972..	178	450.1	38	49	70	90	84	83	(X)
	1970..	(NA)	770.4	54	62	(NA)	(NA)	(NA)	(NA)	1
	1967..	262	1,090.0	55	62	76	88	82	96	(X)
	1966..	(NA)	1,166.8	56	62	(NA)	(NA)	(NA)	(NA)	3
	1963..	304	1,010.7	51	58	71	85	86	96	(X)
2241	Narrow fabric mills ²⁵.....1972..	324	566.2	20	31	49	71	93	97	(X)
	1970..	(NA)	513.7	27	37	(NA)	(NA)	(NA)	(NA)	3
	1967..	345	445.1	19	31	48	70	94	96	(X)
	1966..	(NA)	427.8	23	35	(NA)	(NA)	(NA)	(NA)	2
	1963..	350	349.1	20	30	47	68	91	97	(X)
	1958..	455	289.1	16	26	41	62	94	97	(X)
	1954..	489	250.2	13	21	37	(NA)	96	94	(X)
2251	Women's hosiery, except socks.....1972..	256	984.7	35	49	69	87	94	97	(X)
	1970..	(NA)	1,352.6	38	52	(NA)	(NA)	(NA)	(NA)	1
	1967..	302	835.0	32	44	64	82	97	95	(X)
	1966..	(NA)	733.7	34	45	(NA)	(NA)	(NA)	(NA)	7
	1963..	363	606.6	34	47	64	79	96	94	(X)
2252	Hosiery, n.e.c.....1972..	376	600.6	19	29	46	66	95	94	(X)
	1970..	(NA)	566.6	24	33	(NA)	(NA)	(NA)	(NA)	2
	1967..	423	550.1	25	32	46	65	90	95	(X)
	1966..	(NA)	576.4	22	28	(NA)	(NA)	(NA)	(NA)	6
	1963..	504	451.1	18	25	38	58	91	96	(X)
2253	Knit outerwear mills ²⁶.....1972..	882	1,703.8	16	26	44	59	92	63	(X)
	1970..	(NA)	1,237.0	14	21	(NA)	(NA)	(NA)	(NA)	2
	1967..	1,156	1,288.0	15	22	33	47	93	65	(X)
	1966..	(NA)	1,273.1	14	21	(NA)	(NA)	(NA)	(NA)	7
	1963..	1,175	1,045.5	11	16	27	43	93	68	(X)
	1958..	1,111	744.3	7	10	20	35	91	74	(X)
	1954..	1,081	544.1	6	10	20	(NA)	93	73	(X)
	1947..	1,196	330.5	8	13	24	(NA)	91	82	(X)
2254	Knit underwear mills ²⁶.....1972..	74	544.6	46	61	85	98	90	94	(X)
	1970..	(NA)	499.6	37	53	(NA)	(NA)	(NA)	(NA)	4
	1967..	99	445.3	36	54	77	95	85	35	(X)
	1966..	104	364.8	33	54	(NA)	(NA)	(NA)	(NA)	2
	1963..	104	364.8	33	52	73	93	89	38	(X)
	1958..	133	299.5	28	43	64	87	88	89	(X)
	1954..	140	256.3	26	40	64	(NA)	88	(NA)	(X)
	1947..	140	295.4	21	34	57	(NA)	87	70	(X)
2257	Circular knit fabric mills ²⁷.....1972..	630	2,808.8	23	31	49	69	93	91	(X)
2258	Warp knit fabric mills.....1972..	174	987.7	27	46	72	91	90	95	(X)
	1967 industry 2256, Knit Fabric Mills (1972 industries 2257 and 2258) ^{26 27}.....1970..	(NA)	1,881.8	17	28	(NA)	(NA)	(NA)	(NA)	5
	1967..	489	1,362.2	15	24	42	65	97	92	(X)
	1966..	(NA)	1,143.6	16	25	(NA)	(NA)	(NA)	(NA)	4
	1963..	487	817.4	18	25	42	65	95	93	(X)
	1958..	336	486.1	18	30	51	72	94	90	(X)
	1954..	324	377.4	17	29	51	(NA)	94	91	(X)
	1947..	297	197.5	27	37	56	(NA)	93	88	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
		MAJOR GROUP 22.--TEXTILE MILL PRODUCTS--Continued								
2259	Knitting mills, n.e.c. ²⁶.....1972..	72	73.1	52	67	83	98	93	78	(X)
	1970..	(NA)	48.4	(S)	(S)	(NA)	(NA)	(NA)	(NA)	6
	1967..	61	38.8	54	71	89	99	96	19	(X)
	1966..	(NA)	(55.4)	32	(S)	(NA)	(NA)	(NA)	(NA)	22
	1963..	86	40.7	34	50	75	96	93	22	(X)
	1958 ²⁸	71	29.2	34	54	(NA)	(NA)	91	78	(X)
2261	Finishing plants, cotton.....1972..	182	623.3	27	41	67	89	79	41	(X)
	1970..	(NA)	603.0	34	48	(NA)	(NA)	(NA)	(NA)	1
	1967..	202	893.9	42	59	64	87	75	58	(X)
	1966..	(NA)	853.9	44	60	(NA)	(NA)	(NA)	(NA)	4
	1963..	220	869.7	45	59	77	92	81	²⁹ 60	(X)
2262	Finishing plants, manmade fiber and silk.....1972..	219	1,365.2	56	64	77	89	77	57	(X)
	1970..	(NA)	1,011.6	45	54	(NA)	(NA)	(NA)	(NA)	1
	1967..	212	550.2	37	49	63	81	90	45	(X)
	1966..	(NA)	550.3	42	54	(NA)	(NA)	(NA)	(NA)	3
	1963..	193	323.7	31	44	61	81	91	³⁰ 46	(X)
2269	Finishing plants, n.e.c.....1972..	189	637.3	24	36	58	86	92	54	(X)
	1970..	(NA)	346.3	26	40	(NA)	(NA)	(NA)	(NA)	2
	1967..	187	290.9	29	44	64	86	84	52	(X)
	1966..	(NA)	273.0	32	48	(NA)	(NA)	(NA)	(NA)	3
	1963..	174	206.9	32	47	68	86	89	³¹ 64	(X)
2271	Woven carpets and rugs.....1972..	64	⁹ 93.2	78	91	98	99+	89	85	(X)
	1970..	(NA)	⁹ 102.1	80	90	(NA)	(NA)	(NA)	(NA)	1
	1967..	55	⁹ 104.7	76	93	99	99+	84	84	(X)
	1966..	(NA)	⁹ 115.7	75	88	(NA)	(NA)	(NA)	(NA)	6
	1963..	56	⁹ 120.0	67	88	98	99+	77	92	(X)
2272	Tufted carpets and rugs.....1972..	333	2,775.2	20	33	56	78	97	98	(X)
	1970..	(NA)	1,898.3	25	40	(NA)	(NA)	(NA)	(NA)	2
	1967..	210	1,426.9	26	41	67	87	96	99	(X)
	1966..	(NA)	1,206.4	26	43	(NA)	(NA)	(NA)	(NA)	2
	1963..	167	801.8	25	41	65	87	96	96	(X)
2279	Carpets and rugs, n.e.c.....1972..	80	165.5	78	88	94	99	62	71	(X)
	1970..	(NA)	200.6	76	88	(NA)	(NA)	(NA)	(NA)	3
	1967..	78	90.2	78	84	93	99	83	69	(X)
	1966..	(NA)	75.4	67	75	(NA)	(NA)	(NA)	(NA)	11
	1963..	103	29.6	32	49	76	95	89	46	(X)
2281	Yarn mills, except wool.....1972..	263	2,248.3	21	31	50	74	92	86	(X)
	1970..	(NA)	1,644.9	24	33	(NA)	(NA)	(NA)	(NA)	2
	1967..	256	1,422.5	21	31	51	73	95	84	(X)
	1966..	(NA)	1,478.5	19	30	(NA)	(NA)	(NA)	(NA)	2
	1963..	234	1,067.0	17	27	46	68	96	³² 83	(X)
2282	Throwing and winding mills.....1972..	177	1,427.6	35	51	74	92	94	74	(X)
	1970..	(NA)	871.8	59	72	(NA)	(NA)	(NA)	(NA)	1
	1967..	159	568.0	50	62	79	93	97	91	(X)
	1966..	(NA)	438.4	51	65	(NA)	(NA)	(NA)	(NA)	3
	1963..	165	319.3	43	59	78	92	95	87	(X)
2283	Wool yarn mills.....1972..	91	221.4	45	59	83	97	72	69	(X)
	1970..	(NA)	365.6	35	53	(NA)	(NA)	(NA)	(NA)	3
	1967..	127	361.5	26	42	68	91	79	80	(X)
	1966..	(NA)	407.3	29	45	(NA)	(NA)	(NA)	(NA)	3
	1963..	136	422.2	26	41	65	90	85	82	(X)
2284	Thread mills ²⁵.....1972..	61	345.4	62	77	92	99+	92	90	(X)
	1970..	(NA)	300.7	64	83	(NA)	(NA)	(NA)	(NA)	2
	1967..	63	256.6	62	81	95	99+	90	90	(X)
	1966..	(NA)	264.3	62	80	(NA)	(NA)	(NA)	(NA)	3
	1963..	59	194.1	68	85	96	99+	93	90	(X)
	1958..	72	175.5	66	79	93	99+	90	91	(X)
	1954..	84	183.7	66	78	92	(NA)	88	94	(X)
	1947..	83	154.3	65	78	90	(NA)	85	(NA)	(X)
2291	Felt goods, except woven felts and hats.....1972..	38	146.5	51	75	96	100	77	82	(X)
	1970..	(NA)	109.5	59	84	(NA)	(NA)	(NA)	(NA)	4
	1967..	33	133.6	61	80	98	100	76	72	(X)
	1966..	(NA)	144.9	59	80	(NA)	(NA)	(NA)	(NA)	4
	1963..	28	134.0	54	75	98	100	86	88	(X)
	1958..	³³ 61	91.4	45	66	94	99+	89	86	(X)
	1954..	65	92.9	41	65	92	(NA)	90	92	(X)
	1947..	37	59.8	56	81	97	100	95	97	(X)
	1935..	(NA)	(NA)	61	81	(NA)	(NA)	(NA)	(NA)	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³					Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —							
				4 largest companies	8 largest companies	20 largest companies	50 largest companies				
MAJOR GROUP 22.--TEXTILE MILL PRODUCTS--Continued											
2292	Lace goods.....	1972..	99	47.1	34	51	75	94	93	89	(X)
		1970..	(NA)	92.7	29	47	(NA)	(NA)	(NA)	(NA)	8
		1967..	134	65.7	31	52	74	92	99	94	(X)
		1966..	(NA)	(52.6)	36	62	(NA)	(NA)	(NA)	(NA)	16
		1963..	^{3,4} 145	53.0	27	47	71	89	98	91	(X)
		1958..	^{3,5} 204	61.9	21	36	63	82	98	95	(X)
		1954..	133	59.8	23	39	64	(NA)	99	94	(X)
		1947..	93	68.7	26	47	77	(NA)	94	97	(X)
		1935..	(NA)	(NA)	38	59	(NA)	(NA)	(NA)	(NA)	(X)
2293	Paddings and upholstery filling.....	1972..	119	134.6	28	40	62	87	86	73	(X)
		1970..	(NA)	173.9	35	51	(NA)	(NA)	(NA)	(NA)	1
		1967..	133	168.1	34	50	69	88	86	82	(X)
		1966..	(NA)	204.6	29	41	(NA)	(NA)	(NA)	(NA)	11
		1963..	^{3,4} 168	156.5	28	42	64	85	84	81	(X)
		1958..	177	132.2	25	38	60	81	92	88	(X)
		1954..	179	148.8	32	50	69	(NA)	91	90	(X)
		1947..	124	110.4	41	53	74	(NA)	96	92	(X)
2294	Processed textile waste.....	1972..	102	133.8	54	68	86	97	100	52	(X)
		1970..	(NA)	86.5	(S)	(S)	(NA)	(NA)	(NA)	(NA)	9
		1967..	132	91.5	36	50	70	89	96	92	(X)
		1966..	(NA)	118.7	41	49	(NA)	(NA)	(NA)	(NA)	6
		1963..	^{3,4} 137	87.5	38	52	69	87	95	86	(X)
		1958..	^{3,5} 181	80.8	21	34	56	79	96	93	(X)
		1954..	198	85.0	18	31	55	(NA)	96	93	(X)
		1947..	177	57.3	23	35	57	(NA)	94	91	(X)
2295	Coated fabrics, not rubberized.....	1972..	185	865.8	35	52	73	88	87	87	(X)
		1970..	(NA)	677.8	33	53	(NA)	(NA)	(NA)	(NA)	2
		1967..	157	616.2	31	48	70	88	87	89	(X)
		1966..	(NA)	595.2	32	49	(NA)	(NA)	(NA)	(NA)	7
		1963..	149	435.7	34	54	79	92	86	83	(X)
		1958..	122	249.8	42	57	76	95	82	80	(X)
		1954..	103	212.3	43	61	82	(NA)	86	82	(X)
		1947..	106	162.6	34	53	81	(NA)	84	82	(X)
2296	Tire cord and fabric.....	1972..	9	685.1	84	98	(D)	(X)	91	97	(X)
		1970..	(NA)	597.1	83	97	(NA)	(NA)	(NA)	(NA)	1
		1967..	12	444.1	83	96	100	(X)	84	90	(X)
		1966..	(NA)	504.7	82	94	(NA)	(NA)	(NA)	(NA)	2
		1963..	12	375.7	79	96	100	(X)	87	91	(X)
2297	Nonwoven fabrics ³⁵	1972..	68	397.4	43	62	84	99	84	61	(X)
2298	Cordage and twine.....	1972..	134	191.0	36	56	76	91	86	92	(X)
		1970..	(NA)	149.0	42	59	(NA)	(NA)	(NA)	(NA)	3
		1967..	147	188.8	34	52	77	94	86	88	(X)
		1966..	(NA)	164.7	38	54	(NA)	(NA)	(NA)	(NA)	5
		1963..	148	149.3	35	53	76	93	90	87	(X)
		1958..	128	135.3	38	56	77	93	92	93	(X)
		1954..	119	159.9	40	59	81	(NA)	90	89	(X)
		1947..	132	170.7	33	53	77	(NA)	87	87	(X)
		1935..	(NA)	(NA)	31	44	(NA)	(NA)	(NA)	(NA)	(X)
2299	Textile goods, n.e.c. ³⁵	1972..	338	211.8	25	36	54	72	97	77	(X)
MAJOR GROUP 23.--APPAREL AND OTHER TEXTILE PRODUCTS											
2311	Men's and boys' suits and coats ²⁶	1972..	721	2,396.9	19	31	48	65	93	96	(X)
		1970..	(NA)	1,912.4	19	(S)	(NA)	(NA)	(NA)	(NA)	1
		1967..	904	1,912.1	17	27	43	59	94	97	(X)
		1966..	(NA)	1,849.5	17	26	(NA)	(NA)	(NA)	(NA)	3
		1963..	1,031	1,526.0	14	23	38	56	93	97	(X)
		1958..	1,275	1,260.9	11	19	32	49	91	97	(X)
		1954..	1,255	1,140.7	11	18	31	(NA)	91	96	(X)
		1947..	1,761	1,412.8	9	15	26	(NA)	92	97	(X)
2321	Men's and boys' dress shirts and nightwear ²⁶	1972..	518	2,104.3	22	31	50	69	90	83	(X)
		1970..	(NA)	1,679.4	28	40	(NA)	(NA)	(NA)	(NA)	2
		1967..	570	1,448.2	23	33	50	67	90	82	(X)
		1966..	(NA)	1,348.1	25	36	(NA)	(NA)	(NA)	(NA)	3
		1963..	659	1,295.1	22	32	49	67	86	^{3,6} 83	(X)
		1958..	737	942.1	16	26	41	59	90	^{3,6} 82	(X)
		1954..	838	894.0	17	26	40	(NA)	91	85	(X)
		1947..	922	731.3	19	29	43	(NA)	94	87	(X)
2322	Men's and boys' underwear ²⁶	1972..	67	239.3	49	71	91	99+	94	34	(X)
		1970..	(NA)	160.9	54	70	(NA)	(NA)	(NA)	(NA)	4
		1967..	71	180.2	43	60	87	99	94	37	(X)
		1966..	(NA)	181.6	42	57	(NA)	(NA)	(NA)	(NA)	8
		1963..	65	134.9	42	59	86	99	89	^{3,6} 31	(X)
		1958..	79	100.2	30	46	79	88	86	^{3,6} 30	(X)
		1954..	72	74.3	43	56	85	(NA)	88	28	(X)
		1947..	94	49.8	47	59	80	(NA)	95	21	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)		
			Total (million dollars)	Percent accounted for by ⁴ —							
				4 largest companies	8 largest companies	20 largest companies				50 largest companies	
	MAJOR GROUP 23.--APPAREL AND OTHER TEXTILE PRODUCTS--Continued										
2323	Men's and boys' neckwear ²⁶	1972..	291	294.9	26	36	53	74	99	94	(X)
		1970..	(NA)	205.3	(S)	(S)	(NA)	(NA)	(NA)	(NA)	9
		1967..	296	144.7	23	32	48	70	98	96	(X)
		1966..	(NA)	(157.7)	(S)	(S)	(NA)	(NA)	(NA)	(NA)	10
		1963..	341	121.3	19	28	43	65	98	98	(X)
		1958..	362	95.4	17	24	39	59	97	98	(X)
		1954..	403	100.0	16	24	41	(NA)	98	92	(X)
		1947..	408	113.7	20	29	46	(NA)	97	93	(X)
2327	Men's and boys' separate trousers ²⁶	1972..	463	1,745.0	29	41	60	76	87	85	(X)
		1970..	(NA)	1,415.6	26	34	(NA)	(NA)	(NA)	(NA)	2
		1967..	579	1,132.4	20	30	46	64	89	82	(X)
		1966..	(NA)	1,041.6	20	29	(NA)	(NA)	(NA)	(NA)	4
		1963..	667	824.2	16	25	40	58	85	81	(X)
		1958..	720	442.1	9	17	30	50	89	71	(X)
		1954..	768	397.7	12	19	33	(NA)	89	75	(X)
		1947..	956	334.0	12	18	29	(NA)	86	70	(X)
2328	Men's and boys' work clothing.....	1972..	297	1,738.0	38	53	70	84	85	89	(X)
		1970..	(NA)	1,367.5	40	53	(NA)	(NA)	(NA)	(NA)	1
		1967..	277	1,155.0	32	45	64	81	84	90	(X)
		1966..	(NA)	1,051.7	28	42	(NA)	(NA)	(NA)	(NA)	3
		1963..	301	824.7	27	40	59	79	82	91	(X)
2329	Men's and boys' clothing, n.e.c.....	1972..	481	783.2	20	27	41	63	90	61	(X)
		1970..	(NA)	649.1	18	25	(NA)	(NA)	(NA)	(NA)	5
		1967..	517	677.7	23	30	44	61	80	61	(X)
		1966..	(NA)	623.0	28	37	(NA)	(NA)	(NA)	(NA)	5
		1963..	529	397.6	13	19	32	51	85	³ 650	(X)
2331	Women's and misses' blouses and waists ^{25 26}	1972..	886	1,254.9	18	26	38	55	83	74	(X)
		1970..	(NA)	929.9	22	29	(NA)	(NA)	(NA)	(NA)	4
		1967..	921	727.0	15	24	37	53	84	75	(X)
		1966..	(NA)	797.1	19	25	(NA)	(NA)	(NA)	(NA)	6
		1963..	1,130	610.2	11	15	27	44	88	74	(X)
		1958..	1,222	414.6	10	14	24	39	89	78	(X)
		1954..	1,233	375.3	11	16	25	(NA)	93	85	(X)
		1947..	1,356	276.6	7	11	20	(NA)	93	88	(X)
2335	Women's and misses' dresses.....	1972..	5,294	3,580.0	9	13	18	28	96	95	(X)
		1970..	(NA)	3,365.6	10	13	(NA)	(NA)	(NA)	(NA)	4
		1967..	5,008	3,086.3	7	9	14	23	97	95	(X)
		1966..	(NA)	2,507.6	8	10	(NA)	(NA)	(NA)	(NA)	3
		1963..	4,577	2,411.0	6	9	14	23	97	96	(X)
2337	Women's and misses' suits and coats ²⁶	1972..	1,547	1,805.3	13	18	26	40	84	80	(X)
		1970..	(NA)	1,605.1	10	14	(NA)	(NA)	(NA)	(NA)	4
		1967..	2,058	1,776.4	12	15	22	34	86	90	(X)
		1966..	(NA)	1,779.8	9	13	(NA)	(NA)	(NA)	(NA)	5
		1963..	2,481	1,522.7	8	11	17	28	89	92	(X)
		1958..	2,651	1,220.2	3	5	11	21	93	93	(X)
		1954..	3,178	1,261.3	3	6	11	(NA)	94	93	(X)
		1947..	(²⁴)	1,092.8	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(X)
2339	Women's and misses' outerwear, n.e.c.....	1972..	1,247	1,638.0	18	25	37	52	81	62	(X)
		1970..	(NA)	1,256.6	22	31	(NA)	(NA)	(NA)	(NA)	6
		1967..	1,048	944.3	16	21	33	50	77	59	(X)
		1966..	(NA)	(960.0)	14	22	(NA)	(NA)	(NA)	(NA)	6
		1963..	1,252	786.0	14	22	33	48	82	59	(X)
2341	Women's and children's underwear ²⁶	1972..	608	1,331.9	15	23	41	63	94	88	(X)
		1970..	(NA)	1,201.2	16	23	(NA)	(NA)	(NA)	(NA)	2
		1967..	778	1,116.8	15	22	37	56	94	86	(X)
		1966..	(NA)	1,042.2	15	22	(NA)	(NA)	(NA)	(NA)	5
		1963..	978	976.1	11	17	31	50	94	³ 85	(X)
		1958..	1,170	804.9	8	13	24	41	96	83	(X)
		1954..	1,276	770.0	8	13	24	(NA)	95	98	(X)
		1947..	1,467	575.8	6	11	19	(NA)	(NA)	(NA)	(X)
2342	Brassieres and allied garments ²⁶	1972..	220	647.0	31	45	67	86	96	90	(X)
		1970..	(NA)	645.7	30	44	(NA)	(NA)	(NA)	(NA)	2
		1967..	254	663.3	30	43	62	81	95	97	(X)
		1966..	(NA)	667.2	33	48	(NA)	(NA)	(NA)	(NA)	4
		1963..	296	593.9	29	45	64	81	96	95	(X)
		1958..	363	462.2	29	43	59	75	96	98	(X)
		1954..	424	394.8	26	38	57	(NA)	96	(NA)	(X)
		1947..	493	277.8	16	30	47	(NA)	(NA)	(NA)	(X)
2351	Millinery ²⁶	1972..	215	58.1	17	26	44	68	99	96	(X)
		1970..	(NA)	64.4	(S)	(S)	(NA)	(NA)	(NA)	(NA)	14
		1967..	477	112.4	12	17	27	45	99	98	(X)
		1966..	(NA)	(115.4)	(S)	(S)	(NA)	(NA)	(NA)	(NA)	20
		1963..	710	163.2	9	14	22	36	100	100	(X)
		1958..	801	188.3	6	10	19	33	100	99	(X)
		1954..	865	173.1	7	12	20	(NA)	99	98	(X)
		1947..	927	177.7	7	10	18	(NA)	99	98	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)			
			Total (million dollars)	Percent accounted for by ⁴ —								
				4 largest companies	8 largest companies	20 largest companies				50 largest companies		
			MAJOR GROUP 23.--APPAREL AND OTHER TEXTILE PRODUCTS--Continued									
2352	Hats and caps, except millinery ²⁶	1972..	253	171.0	26	39	57	77	96	99	(X)	
		1970..	(NA)	169.2	(S)	(S)	(NA)	(NA)	(NA)	(NA)	4	
		1967..	340	194.5	32	41	58	75	99	99	(X)	
		1966..	(NA)	(148.3)	36	47	(NA)	(NA)	(NA)	(NA)	6	
		1963..	413	171.1	31	40	52	69	98	98	(X)	
		1958 ³⁸	(NA)	163.7	28	36	(NA)	(NA)	98	98	(X)	
2361	Children's dresses and blouses.....	1972..	440	655.2	17	26	42	63	89	86	(X)	
		1970..	(NA)	486.9	14	21	(NA)	(NA)	(NA)	(NA)	5	
		1967..	575	496.0	14	19	32	53	92	82	(X)	
		1966..	(NA)	492.7	14	21	(NA)	(NA)	(NA)	(NA)	5	
		1963..	627	433.3	12	20	34	54	91	32	(X)	
2363	Children's coats and suits ²⁶	1972..	155	188.5	18	31	55	83	91	85	(X)	
		1970..	(NA)	163.5	(S)	(S)	(NA)	(NA)	(NA)	(NA)	6	
		1967..	216	175.3	18	31	52	76	93	84	(X)	
		1966..	(NA)	185.4	15	(S)	(NA)	(NA)	(NA)	(NA)	9	
		1963..	269	162.9	14	24	43	67	92	86	(X)	
		1958..	361	163.7	11	19	35	58	93	83	(X)	
		1954..	400	172.1	14	22	35	(NA)	91	81	(X)	
		1947..	(²⁴)	114.2	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(X)	
2369	Children's outerwear, n.e.c.....	1972..	372	578.2	22	32	48	69	85	70	(X)	
		1970..	(NA)	476.6	(S)	(S)	(NA)	(NA)	(NA)	(NA)	5	
		1967..	456	456.2	20	30	45	64	80	68	(X)	
		1966..	(NA)	438.1	18	26	(NA)	(NA)	(NA)	(NA)	6	
		1963..	602	419.6	16	23	35	54	81	³⁹ 69	(X)	
2371	Fur goods ²⁶	1972..	797	220.0	7	12	23	39	99	99	(X)	
		1970..	(NA)	271.4	6	10	(NA)	(NA)	(NA)	(NA)	14	
		1967..	1,304	333.2	5	8	15	27	99	100	(X)	
		1966..	(NA)	365.1	4	7	(NA)	(NA)	(NA)	(NA)	11	
		1963..	1,591	334.4	5	8	15	26	99	100	(X)	
		1958..	1,651	275.3	5	8	14	25	99	100	(X)	
		1954..	1,972	227.5	4	6	11	(NA)	99	100	(X)	
		1947..	2,227	357.0	3	5	9	(NA)	100	100	(X)	
		1935..	(NA)	(NA)	2	4	(NA)	(NA)	(NA)	(NA)	(X)	
2381	Fabric dress and work gloves ²⁶	1972..	106	198.8	41	59	80	95	93	86	(X)	
		1970..	(NA)	185.4	35	53	(NA)	(NA)	(NA)	(NA)	3	
		1967..	140	176.6	33	49	72	92	91	87	(X)	
		1966..	(NA)	(205.9)	27	40	(NA)	(NA)	(NA)	(NA)	21	
		1963..	170	149.5	31	45	69	88	94	⁴⁰ 82	(X)	
		1958 ⁴¹	189	112.1	30	46	(NA)	(NA)	94	⁴⁰ 84	(X)	
2384	Robes and dressing gowns ²⁶	1972..	172	202.8	24	39	59	83	93	97	(X)	
		1970..	(NA)	198.8	20	(S)	(NA)	(NA)	(NA)	(NA)	5	
		1967..	237	200.2	16	27	49	77	96	95	(X)	
		1966..	(NA)	(198.3)	20	(S)	(NA)	(NA)	(NA)	(NA)	16	
		1963..	268	173.5	17	28	48	75	96	94	(X)	
		1958..	278	132.5	14	23	43	68	93	96	(X)	
		1954..	322	108.0	15	25	45	(NA)	93	84	(X)	
		1947..	370	103.0	10	19	38	(NA)	89	82	(X)	
2385	Waterproof outergarments ²⁶	1972..	236	332.1	31	40	56	79	97	94	(X)	
		1970..	(NA)	345.0	30	40	(NA)	(NA)	(NA)	(NA)	4	
		1967..	299	371.9	24	34	51	73	95	93	(X)	
		1966..	(NA)	305.7	24	33	(NA)	(NA)	(NA)	(NA)	9	
		1963..	223	235.5	19	28	45	68	92	93	(X)	
		1958..	272	146.3	20	29	49	74	(NA)	90	(X)	
		1954..	291	119.7	20	30	50	(NA)	89	81	(X)	
		1947..	245	80.8	23	37	55	(NA)	85	73	(X)	
2386	Leather and sheep lined clothing ²⁶	1972..	185	172.1	19	32	57	82	94	87	(X)	
		1970..	(NA)	140.8	(S)	27	(NA)	(NA)	(NA)	(NA)	14	
		1967..	135	98.8	24	37	61	87	97	86	(X)	
		1966..	(NA)	(84.0)	24	(S)	(NA)	(NA)	(NA)	(NA)	15	
		1963..	114	56.4	28	43	66	92	97	83	(X)	
		1958..	154	64.3	18	30	52	81	94	91	(X)	
		1954..	153	56.4	18	31	53	(NA)	85	80	(X)	
		1947..	125	40.6	24	39	67	(NA)	79	80	(X)	
2387	Apparel belts ²⁶	1972..	292	257.5	21	32	51	72	94	97	(X)	
		1970..	(NA)	168.0	30	44	(NA)	(NA)	(NA)	(NA)	5	
		1967..	274	130.2	28	36	55	73	89	98	(X)	
		1966..	(NA)	121.4	28	38	(NA)	(NA)	(NA)	(NA)	7	
		1963..	388	108.6	23	30	43	62	91	94	(X)	
		1958..	458	93.8	21	27	36	54	92	95	(X)	
		1954..	501	106.3	19	25	36	(NA)	92	94	(X)	
		1947..	390	69.0	23	31	44	(NA)	90	95	(X)	

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³					Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —							
				4 largest companies	8 largest companies	20 largest companies	50 largest companies				
		MAJOR GROUP 23.--APPAREL AND OTHER TEXTILE PRODUCTS--Continued									
2389	Apparel and accessories, n.e.c.....	1972..	238	116.8	24	37	57	77	97	84	(X)
		1970..	(NA)	139.2	(S)	(S)	(NA)	(NA)	(NA)	(NA)	7
		1967..	243	119.5	18	30	52	76	96	85	(X)
		1966..	(NA)	116.6	(S)	(S)	(NA)	(NA)	(NA)	(NA)	10
		1963..	265	98.2	19	31	50	74	93	82	(X)
2391	Curtains and draperies.....	1972..	1,539	754.9	35	43	52	64	93	93	(X)
		1970..	(NA)	558.0	33	40	(NA)	(NA)	(NA)	(NA)	4
		1967..	1,393	418.7	27	39	50	63	97	95	(X)
		1966..	(NA)	(416.2)	(S)	(S)	(NA)	(NA)	(NA)	(NA)	17
		1963..	⁴² 1,092	313.0	21	33	45	60	95	95	(X)
		1958..	757	206.5	26	34	45	61	(NA)	92	(X)
		1954..	697	172.7	20	28	42	(NA)	94	89	(X)
		1947..	379	109.6	18	29	49	(NA)	97	90	(X)
2392	Housefurnishings, n.e.c.....	1972..	1,059	1,526.9	23	30	43	60	86	58	(X)
		1970..	(NA)	1,272.1	21	27	(NA)	(NA)	(NA)	(NA)	5
		1967..	1,189	962.8	21	28	41	56	88	52	(X)
		1966..	(NA)	903.8	20	(S)	(NA)	(NA)	(NA)	(NA)	5
		1963..	1,205	716.7	18	24	35	50	88	50	(X)
		1958..	1,181	591.5	18	25	39	52	89	60	(X)
		1954..	1,203	503.2	21	29	42	(NA)	91	59	(X)
		1947..	1,209	502.5	33	44	58	(NA)	93	87	(X)
2393	Textile bags.....	1972..	188	255.1	27	43	61	84	93	90	(X)
		1970..	(NA)	231.3	(S)	(S)	(NA)	(NA)	(NA)	(NA)	5
		1967..	177	291.1	31	50	72	89	94	89	(X)
		1966..	(NA)	205.0	(S)	(S)	(NA)	(NA)	(NA)	(NA)	13
		1963..	175	200.4	38	51	68	87	88	85	(X)
		1958..	217	186.3	40	51	66	85	86	87	(X)
		1954..	235	221.0	45	56	70	(NA)	84	85	(X)
		1947..	198	356.0	53	63	77	(NA)	93	98	(X)
2394	Canvas and related products.....	1972..	845	276.4	23	29	40	55	95	88	(X)
		1970..	(NA)	242.4	19	(S)	(NA)	(NA)	(NA)	(NA)	6
		1967..	846	273.6	20	30	43	62	94	95	(X)
		1966..	(NA)	225.3	19	(S)	(NA)	(NA)	(NA)	(NA)	8
		1963..	869	166.4	18	25	37	54	92	91	(X)
		1958..	846	119.0	14	22	34	49	90	90	(X)
		1954..	1,100	129.6	14	19	31	(NA)	89	86	(X)
		1947..	889	91.1	10	17	31	(NA)	91	93	(X)
2395	Pleating and stitching.....	1972..	895	308.2	22	31	45	61	88	98	(X)
		1970..	(NA)	150.3	(S)	(S)	(NA)	(NA)	(NA)	(NA)	9
		1967..	1,104	139.3	7	12	22	38	97	95	(X)
		1966..	(NA)	(123.0)	(S)	(S)	(NA)	(NA)	(NA)	(NA)	17
		1963..	1,315	150.2	9	13	20	32	97	98	(X)
2396	Automotive and apparel trimmings.....	1972..	644	1,133.0	67	74	80	85	98	95	(X)
		1970..	(NA)	918.8	47	55	(NA)	(NA)	(NA)	(NA)	6
		1967..	762	777.4	57	63	70	78	98	93	(X)
		1966..	(NA)	741.8	58	(S)	(NA)	(NA)	(NA)	(NA)	4
		1963..	746	570.6	58	63	71	79	98	97	(X)
2397	Schiffli machine embroideries.....	1972..	446	120.5	19	28	42	58	96	99	(X)
		1970..	(NA)	92.1	13	19	(NA)	(NA)	(NA)	(NA)	14
		1967..	605	99.6	13	21	34	52	98	99	(X)
		1966..	(NA)	94.8	(S)	(S)	(NA)	(NA)	(NA)	(NA)	13
		1963..	755	97.4	13	21	33	49	96	99	(X)
		1958..	706	74.8	11	15	26	39	99	98	(X)
		1954..	601	65.8	15	21	32	(NA)	98	99	(X)
		1947..	542	55.5	17	23	36	(NA)	98	96	(X)
2399	Fabricated textile products, n.e.c.....	1972..	797	724.7	23	34	51	69	89	82	(X)
		1970..	(NA)	784.6	32	39	(NA)	(NA)	(NA)	(NA)	3
		1967..	799	535.1	19	30	49	70	89	83	(X)
		1966..	(NA)	477.4	16	28	(NA)	(NA)	(NA)	(NA)	10
		1963..	1,027	342.5	14	22	40	59	86	75	(X)
		MAJOR GROUP 24.--LUMBER AND WOOD PRODUCTS									
2411	Logging camps and logging contractors.....	1972..	13,152	2,529.5	18	25	35	41	97	89	(X)
		1970..	(NA)	1,838.8	19	27	(NA)	(NA)	(NA)	(NA)	4
		1967..	16,265	1,476.3	14	22	30	35	91	99	(X)
		1966..	(NA)	1,361.8	14	23	(NA)	(NA)	(NA)	(NA)	3
		1963..	13,522	⁴³ 1,154.7	11	19	25	31	99	90	(X)
		1958..	12,730	833.8	13	19	25	32	93	92	(X)
		1954..	12,789	733.4	8	13	20	(NA)	98	89	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
	MAJOR GROUP 24.--LUMBER AND WOOD PRODUCTS--Continued									
2421	Sawmills and planing mills, general.....1972..	7,664	6,420.8	18	23	33	45	91	94	(X)
	1970..	(NA)	3,935.7	16	20	(NA)	(NA)	(NA)	(NA)	2
	1967..	10,016	3,506.4	11	15	22	31	92	95	(X)
	1966..	(NA)	3,390.8	11	15	(NA)	(NA)	(NA)	(NA)	4
	1963..	11,931	3,156.3	11	14	20	29	89	95	(X)
2426	Hardwood dimension and flooring ¹⁴.....1972..	882	579.0	12	17	28	44	91	88	(X)
2429	Special product sawmills, n.e.c.....1972..	397	180.8	26	38	51	69	98	96	(X)
	1970..	(NA)	118.1	(S)	(S)	(NA)	(NA)	(NA)	(NA)	18
	1967..	454	117.9	21	30	43	63	98	95	(X)
	1966..	(NA)	(109.7)	(S)	(S)	(NA)	(NA)	(NA)	(NA)	14
	1963..	476	96.0	17	25	41	62	98	¹⁵ 49	(X)
2431	Millwork ¹⁶.....1972..	2,340	2,426.8	10	15	25	41	94	94	(X)
2434	Wood kitchen cabinets ¹⁷.....1972..	1,769	897.2	12	19	32	48	95	95	(X)
2435	Hardwood veneer and plywood ¹⁸.....1972..	326	911.8	34	43	61	77	91	92	(X)
2436	Softwood veneer and plywood ¹⁸.....1972..	121	2,011.5	37	50	67	87	88	89	(X)
	1967 industry 2432.--Veneer and plywood (1972 industries 2435 and 2436) ¹⁸.....1970..	(NA)	1,871.8	30	44	(NA)	(NA)	(NA)	(NA)	1
	1967..	516	1,687.2	26	37	50	65	90	90	(X)
	1966..	(NA)	1,699.9	24	33	(NA)	(NA)	(NA)	(NA)	2
	1963..	532	1,339.6	23	31	42	58	92	94	(X)
2439	Structural wood members, n.e.c. ⁴⁹.....1972..	642	456.0	14	19	31	48	95	90	(X)
2441	Nailed wood boxes and shook.....1972..	424	237.9	27	34	48	66	88	87	(X)
	1970..	(NA)	222.8	26	(S)	(NA)	(NA)	(NA)	(NA)	6
	1967..	567	273.8	24	30	42	60	88	87	(X)
	1966..	(NA)	268.2	23	(S)	(NA)	(NA)	(NA)	(NA)	6
	1963..	637	206.0	26	31	41	56	85	83	(X)
2448	Wood pallets and skids ⁵⁰.....1972..	444	295.4	7	11	20	37	91	89	(X)
2449	Wood containers, n.e.c. ⁵¹.....1972..	236	240.2	22	35	60	86	94	98	(X)
	1967 industry 2442.--Wirebound boxes and crates.....1970..	(NA)	134.0	34	49	(NA)	(NA)	(NA)	(NA)	3
	1967..	118	144.9	33	49	76	97	89	92	(X)
	1966..	(NA)	174.4	30	43	(NA)	(NA)	(NA)	(NA)	9
	1963..	100	114.7	33	49	74	97	92	93	(X)
	1967 industry 2443.--Veneer and plywood containers.....1970..	(NA)	24.9	(S)	(S)	(NA)	(NA)	(NA)	(NA)	5
	1967..	81	32.0	44	57	80	97	81	89	(X)
	1966..	(NA)	(24.3)	(S)	(S)	(NA)	(NA)	(NA)	(NA)	29
	1963..	84	27.9	39	50	73	95	90	79	(X)
	1958..	94	27.8	27	43	67	95	93	88	(X)
	1954..	126	30.5	30	46	66	(NA)	91	88	(X)
	1947..	129	30.6	31	42	63	(NA)	91	88	(X)
	1967 industry 2445.--Cooperage.....1970..	(NA)	66.2	47	80	(NA)	(NA)	(NA)	(NA)	4
	1967..	67	78.8	54	81	94	99	99	98	(X)
	1966..	(NA)	65.7	53	81	(NA)	(NA)	(NA)	(NA)	5
	1963..	71	52.9	47	71	91	99	97	99	(X)
	1958..	126	69.6	45	67	87	95	96	98	(X)
	1954..	104	60.4	47	66	86	(NA)	97	99	(X)
	1947..	127	106.4	51	64	(NA)	(NA)	96	97	(X)
	1935..	(NA)	(NA)	25	40	(NA)	(NA)	(NA)	(NA)	(X)
2451	Mobile homes ⁵².....1972..	352	3,242.9	26	37	56	77	99	99	(X)
2452	Prefabricated wood buildings ⁵³.....1972..	263	1,046.1	33	40	53	71	97	96	(X)
2491	Wood preserving.....1972..	309	475.8	36	45	61	80	99	96	(X)
	1970..	(NA)	398.5	34	(S)	(NA)	(NA)	(NA)	(NA)	2
	1967..	278	344.2	35	44	63	84	98	98	(X)
	1966..	(NA)	326.0	37	47	(NA)	(NA)	(NA)	(NA)	7
	1963..	250	247.3	34	44	64	84	98	97	(X)
	1958..	211	198.3	32	43	65	87	98	96	(X)
	1954..	188	190.5	30	42	63	(NA)	97	99	(X)
	1947..	136	304.0	31	44	67	(NA)	(D)	(D)	(X)
	1935..	(NA)	(NA)	50	60	(NA)	(NA)	(NA)	(NA)	(X)
2492	Particleboard ⁵⁴.....1972..	39	295.4	48	69	92	100	92	94	(X)
2499	Wood products, n.e.c. ⁵⁵.....1972..	3,009	1,518.9	18	24	33	46	95	91	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
	MAJOR GROUP 25.—FURNITURE AND FIXTURES									
2511	Wood household furniture ^{5 6}.....1972..	2,160	2,870.0	14	22	40	60	94	95	(X)
2512	Upholstered household furniture ^{5 7}.....1972..	1,201	2,104.7	14	23	36	51	92	95	(X)
	.....1970..	(NA)	1,675.3	13	20	(NA)	(NA)	(NA)	(NA)	5
	.....1967..	1,582	1,266.4	14	20	31	45	93	94	(X)
	.....1966..	(NA)	1,265.0	15	21	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	1,729	983.2	13	18	28	41	92	92	(X)
2514	Metal household furniture.....1972..	426	890.4	13	24	44	69	90	91	(X)
	.....1970..	(NA)	714.4	16	28	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	464	605.3	14	24	40	63	90	90	(X)
	.....1966..	(NA)	595.3	13	23	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	508	524.3	13	20	34	59	88	89	(X)
	.....1958..	614	489.7	14	22	38	58	88	88	(X)
	.....1954..	635	402.6	16	26	43	(NA)	87	83	(X)
	.....1947..	305	194.9	26	37	56	(NA)	83	73	(X)
2515	Mattresses and bedsprings.....1972..	888	1,041.7	24	31	43	57	94	88	(X)
	.....1970..	(NA)	848.4	27	33	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	939	745.1	26	34	44	58	91	91	(X)
	.....1966..	(NA)	735.6	27	33	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	1,066	641.0	26	31	41	54	90	90	(X)
2517	Wood TV and radio cabinets ^{5 8}.....1972..	95	330.2	42	64	86	98	85	91	(X)
2519	Household furniture, n.e.c.....1972..	157	172.6	19	34	64	87	84	73	(X)
	.....1970..	(NA)	54.1	(S)	(S)	(NA)	(NA)	(NA)	(NA)	5
	.....1967..	75	55.3	36	53	82	98	83	56	(X)
	.....1966..	(NA)	(78.2)	(S)	(S)	(NA)	(NA)	(NA)	(NA)	13
	.....1963..	72	28.9	34	50	78	98	84	51	(X)
	.....1958..	92	30.3	43	57	77	96	88	68	(X)
	.....1954..	69	15.6	50	65	85	(NA)	86	59	(X)
2521	Wood office furniture.....1972..	232	249.7	25	38	60	80	90	84	(X)
	.....1970..	(NA)	198.5	34	52	(NA)	(NA)	(NA)	(NA)	5
	.....1967..	172	158.3	29	48	71	88	89	86	(X)
	.....1966..	(NA)	136.4	30	50	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	131	101.5	29	47	74	92	90	87	(X)
	.....1958..	147	66.2	27	42	68	87	89	82	(X)
	.....1954..	111	52.7	25	41	69	(NA)	86	86	(X)
	.....1947..	114	47.5	21	34	65	(NA)	92	80	(X)
2522	Metal office furniture.....1972..	166	861.5	42	54	76	93	90	89	(X)
	.....1970..	(NA)	677.7	41	55	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	166	622.9	38	52	75	92	89	88	(X)
	.....1966..	(NA)	596.0	37	51	(NA)	(NA)	(NA)	(NA)	4
	.....1963..	153	390.0	33	50	75	93	87	89	(X)
	.....1958..	142	271.8	38	56	80	94	88	86	(X)
	.....1954..	122	202.9	46	63	83	(NA)	84	87	(X)
	.....1947..	100	125.7	50	66	87	(NA)	89	92	(X)
2531	Public building and related furniture.....1972..	405	523.6	22	32	47	67	86	87	(X)
	.....1970..	(NA)	461.7	23	36	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	428	421.2	23	36	54	72	84	86	(X)
	.....1966..	(NA)	343.5	24	37	(NA)	(NA)	(NA)	(NA)	9
	.....1963..	424	268.6	24	35	50	69	85	85	(X)
	.....1958..	383	204.6	27	37	53	71	88	80	(X)
	.....1954..	291	159.5	32	43	61	(NA)	83	86	(X)
2541	Wood partitions and fixtures.....1972..	1,475	793.2	5	9	18	32	92	89	(X)
	.....1970..	(NA)	612.5	9	13	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	1,463	498.6	6	10	20	36	92	89	(X)
	.....1966..	(NA)	452.0	4	8	(NA)	(NA)	(NA)	(NA)	6
	.....1963..	1,588	389.6	4	8	15	27	94	89	(X)
2542	Metal partitions and fixtures.....1972..	482	734.5	16	25	44	65	90	86	(X)
	.....1970..	(NA)	575.8	19	30	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	491	512.0	24	33	51	70	90	83	(X)
	.....1966..	(NA)	520.1	22	33	(NA)	(NA)	(NA)	(NA)	14
	.....1963..	502	337.8	23	33	50	70	83	82	(X)
2591	Drapery hardware and blinds and shades.....1972..	493	364.5	50	67	78	86	90	96	(X)
	.....1970..	(NA)	298.1	42	59	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	581	246.8	41	57	74	83	89	94	(X)
	.....1966..	(NA)	229.0	41	57	(NA)	(NA)	(NA)	(NA)	8
	.....1963..	695	199.6	37	54	71	79	89	90	(X)
	.....1958..	826	166.6	32	45	(NA)	(NA)	(NA)	(NA)	(X)
2599	Furniture and fixtures, n.e.c.....1972..	477	372.0	13	23	39	59	87	79	(X)
	.....1970..	(NA)	210.3	16	26	(NA)	(NA)	(NA)	(NA)	7
	.....1967..	317	179.0	18	28	43	65	87	75	(X)
	.....1966..	(NA)	152.5	18	28	(NA)	(NA)	(NA)	(NA)	13
	.....1963..	354	121.6	16	27	42	64	86	70	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³					Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)		
			Total (million dollars)	Percent accounted for by ⁴ —								
				4 largest companies	8 largest companies	20 largest companies	50 largest companies					
			MAJOR GROUP 26.--PAPER AND ALLIED PRODUCTS									
2611	Pulpmills ^{5 9 60}.....1972..	46	709.9	59	83	99	100	95	59	(X)		
	.....1970..	(NA)	960.3	48	76	(NA)	(NA)	(NA)	(NA)	1	
	.....1967..	45	730.5	45	70	97	100	88	71	(X)	
	.....1966..	(NA)	725.5	48	75	(NA)	(NA)	(NA)	(NA)	2	
	.....1963..	34	609.1	48	72	97	100	88	71	(X)	
	.....1958..	49	452.0	46	68	94	100	98	73	(X)	
2621	Papermills, except building paper.....1972..	194	6,385.2	24	40	66	88	91	93	(X)		
	.....1970..	(NA)	5,674.0	26	43	(NA)	(NA)	(NA)	(NA)	1	
	.....1967..	203	4,844.0	26	43	65	86	92	93	(X)	
	.....1966..	(NA)	4,804.8	24	40	(NA)	(NA)	(NA)	(NA)	2	
	.....1963..	186	3,824.9	26	42	63	85	90	92	(X)	
2631	Paperboard mills.....1972..	135	4,153.5	29	44	69	93	83	94	(X)		
	.....1970..	(NA)	3,388.6	28	44	(NA)	(NA)	(NA)	(NA)	1	
	.....1967..	148	2,907.0	27	42	67	92	84	91	(X)	
	.....1966..	(NA)	2,853.4	27	42	(NA)	(NA)	(NA)	(NA)	1	
	.....1963..	146	2,315.2	27	43	67	90	85	90	(X)	
2641	Paper coating and glazing.....1972..	366	1,954.0	36	49	67	84	76	86	(X)		
	.....1970..	(NA)	1,724.6	37	48	(NA)	(NA)	(NA)	(NA)	1	
	.....1967..	334	1,566.5	38	49	68	85	79	87	(X)	
	.....1966..	(NA)	1,383.5	28	39	(NA)	(NA)	(NA)	(NA)	2	
	.....1963..	323	1,161.6	30	43	64	85	82	78	(X)	
2642	Envelopes.....1972..	178	620.8	31	45	65	84	96	95	(X)		
	.....1970..	(NA)	572.9	31	44	(NA)	(NA)	(NA)	(NA)	4	
	.....1967..	172	470.3	32	44	63	84	95	96	(X)	
	.....1966..	(NA)	446.3	32	44	(NA)	(NA)	(NA)	(NA)	2	
	.....1963..	180	363.3	32	42	59	82	94	96	(X)	
	.....1958..	173	258.9	30	41	58	81	93	94	(X)	
	.....1954..	170	195.3	27	37	54	(NA)	96	92	(X)	
	.....1947..	142	128.3	30	40	58	(NA)	92	95	(X)	
	.....1935..	(NA)	(NA)	33	42	(NA)	(NA)	(NA)	(NA)	(X)	
2643	Bags, except textile bags.....1972..	466	1,885.7	25	41	61	78	88	88	(X)		
	.....1970..	(NA)	1,702.7	25	40	(NA)	(NA)	(NA)	(NA)	3	
	.....1967..	466	1,375.6	23	38	59	76	86	88	(X)	
	.....1966..	(NA)	1,358.5	23	37	(NA)	(NA)	(NA)	(NA)	3	
	.....1963..	495	1,061.7	22	36	58	76	86	88	(X)	
2645	Die-cut paper and board.....1972..	310	676.3	43	54	69	86	89	89	(X)		
	.....1970..	(NA)	597.0	37	45	(NA)	(NA)	(NA)	(NA)	2	
	.....1967..	368	577.5	37	47	62	80	86	86	(X)	
	.....1966..	(NA)	512.5	31	43	(NA)	(NA)	(NA)	(NA)	5	
	.....1963..	370	378.3	36	47	62	79	88	82	(X)	
2646	Pressed and molded pulp goods.....1972..	32	162.8	75	89	99	100	98	97	(X)		
	.....1970..	(NA)	160.1	73	90	(NA)	(NA)	(NA)	(NA)	3	
	.....1967..	43	145.9	71	87	96	100	95	95	(X)	
	.....1966..	(NA)	151.5	73	89	(NA)	(NA)	(NA)	(NA)	2	
	.....1963..	43	110.1	72	88	96	100	99	96	(X)	
	.....1958..	46	78.2	69	89	98	100	99	96	(X)	
	.....1954..	26	42.3	72	94	99+	100	100	93	(X)	
	.....1947..	19	16.2	86	97	100	(X)	95	86	(X)	
2647	Sanitary paper products ⁸.....1972..	72	2,071.8	63	82	95	99+	95	97	(X)		
	.....1970..	(NA)	1,659.1	63	81	(NA)	(NA)	(NA)	(NA)	1	
	.....1967..	91	1,293.4	63	79	92	99	94	96	(X)	
	.....1966..	(NA)	1,185.8	64	80	(NA)	(NA)	(NA)	(NA)	2	
	.....1963..	97	983.0	62	76	90	99	93	97	(X)	
2648	Stationery products ^{6 2}.....1972..	405	450.5	34	45	63	79	85	82	(X)		
2649	Converted paper products, n.e.c. ^{6 3}.....1972..	287	630.6	22	32	52	72	83	74	(X)		
2651	Folding paperboard boxes.....1972..	443	1,487.0	23	35	53	70	85	91	(X)		
	.....1970..	(NA)	1,361.2	22	36	(NA)	(NA)	(NA)	(NA)	2	
	.....1967..	476	1,216.2	22	36	54	70	84	90	(X)	
	.....1966..	(NA)	1,289.5	22	35	(NA)	(NA)	(NA)	(NA)	2	
	.....1963..	534	1,081.1	21	37	55	69	85	88	(X)	
2652	Setup paperboard boxes.....1972..	366	321.3	11	17	31	52	94	86	(X)		
	.....1970..	(NA)	324.6	12	(S)	(NA)	(NA)	(NA)	(NA)	8	
	.....1967..	418	282.4	12	19	32	50	92	87	(X)	
	.....1966..	(NA)	256.6	12	20	(NA)	(NA)	(NA)	(NA)	12	
	.....1963..	474	225.8	12	19	30	48	91	87	(X)	
2653	Corrugated and solid fiber boxes.....1972..	709	4,308.8	18	32	58	76	98	99	(X)		
	.....1970..	(NA)	3,508.3	19	33	(NA)	(NA)	(NA)	(NA)	2	
	.....1967..	568	2,959.6	18	33	61	78	98	98	(X)	
	.....1966..	(NA)	2,891.2	18	33	(NA)	(NA)	(NA)	(NA)	3	
	.....1963..	534	2,166.1	20	36	63	79	97	96	(X)	

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
		MAJOR GROUP 26.--PAPER AND ALLIED PRODUCTS--Continued								
2654	Sanitary food containers.....1972..	160	1,419.7	46	64	85	95	91	87	(X)
	1970..	(NA)	1,226.4	50	69	(NA)	(NA)	(NA)	(NA)	1
	1967..	144	1,093.9	49	68	88	96*	92	86	(X)
	1966..	(NA)	964.1	53	74	(NA)	(NA)	(NA)	(NA)	2
	1963..	98	905.9	52	74	91	98	92	92	(X)
2655	Fiber cans, drums, and similar products.....1972..	168	568.0	54	70	82	92	95	87	(X)
	1970..	(NA)	458.3	56	72	(NA)	(NA)	(NA)	(NA)	2
	1967..	165	385.2	51	68	83	93	96	85	(X)
	1966..	(NA)	353.0	54	72	(NA)	(NA)	(NA)	(NA)	6
	1963..	166	260.3	57	72	82	92	95	80	(X)
2661	Building paper and board mills.....1972..	45	456.2	52	73	98	100	85	92	(X)
	1970..	(NA)	396.8	44	65	(NA)	(NA)	(NA)	(NA)	3
	1967..	43	341.1	46	69	97	100	92	96	(X)
	1966..	(NA)	351.2	45	68	(NA)	(NA)	(NA)	(NA)	2
	1963..	33	281.6	47	68	97	100	97	88	(X)
		MAJOR GROUP 27.--PRINTING AND PUBLISHING								
2711	Newspapers.....1972..	7,461	8,262.8	17	28	43	60	97	100	(X)
	1970..	(NA)	6,990.9	16	24	(NA)	(NA)	(NA)	(NA)	2
	1967..	7,589	5,757.1	16	25	40	56	97	100	(X)
	1966..	(NA)	5,520.2	14	22	(NA)	(NA)	(NA)	(NA)	2
	1963..	7,982	4,483.6	15	22	36	52	96	100	(X)
	1958..	7,947	3,615.6	17	24	35	51	96	100	(X)
	1954..	8,445	3,091.0	18	24	34	(NA)	95	100	(X)
	1947..	8,115	1,891.3	21	26	36	(NA)	94	100	(X)
2721	Periodicals.....1972..	2,451	3,510.6	26	38	54	69	89	95	(X)
	1970..	(NA)	3,157.9	28	41	(NA)	(NA)	(NA)	(NA)	1
	1967..	2,430	3,095.9	24	37	56	72	89	97	(X)
	1966..	(NA)	2,717.9	28	41	(NA)	(NA)	(NA)	(NA)	3
	1963..	2,562	2,295.7	28	42	59	73	89	96	(X)
	1958..	2,245	1,650.6	31	41	55	69	93	97	(X)
	1954..	2,012	1,441.0	29	40	54	(NA)	95	97	(X)
	1947..	2,106	1,059.6	34	43	58	(NA)	94	98	(X)
2731	Book publishing.....1972..	1,120	2,856.9	19	31	56	77	93	86	(X)
	1970..	(NA)	2,437.3	21	35	(NA)	(NA)	(NA)	(NA)	2
	1967..	963	2,060.2	20	32	57	77	94	85	(X)
	1966..	(NA)	1,996.3	20	33	(NA)	(NA)	(NA)	(NA)	3
	1963..	936	1,534.6	20	33	56	76	93	88	(X)
	1958..	883	1,000.9	16	29	48	69	92	90	(X)
	1954..	804	665.2	21	32	51	(NA)	91	90	(X)
	1947..	635	463.9	18	29	48	(NA)	92	93	(X)
2732	Book printing.....1972..	674	937.7	24	36	53	68	83	73	(X)
	1970..	(NA)	939.3	22	33	(NA)	(NA)	(NA)	(NA)	3
	1967..	720	787.4	21	30	48	64	81	70	(X)
	1966..	(NA)	709.3	22	33	(NA)	(NA)	(NA)	(NA)	5
	1963..	662	546.6	19	30	48	66	78	69	(X)
	1958..	785	354.3	24	34	51	68	72	60	(X)
	1954..	592	221.3	21	35	53	(NA)	76	55	(X)
2741	Miscellaneous publishing.....1972..	1,964	1,070.2	29	42	57	68	95	93	(X)
	1970..	(NA)	724.9	35	52	(NA)	(NA)	(NA)	(NA)	3
	1967..	1,443	605.3	29	46	64	75	93	89	(X)
	1966..	(NA)	495.2	33	43	(NA)	(NA)	(NA)	(NA)	6
	1963..	1,308	389.6	32	44	59	71	92	84	(X)
	1958..	1,038	315.7	29	40	55	68	89	87	(X)
	1954..	900	231.2	31	45	58	(NA)	85	82	(X)
	1947..	569	103.3	22	33	52	(NA)	93	78	(X)
2751	Commercial printing, letterpress ^{6.4}.....1972..	13,040	3,291.8	14	19	26	35	87	82	(X)
	1970..	(NA)	3,726.8	15	21	(NA)	(NA)	(NA)	(NA)	2
	1967..	11,955	3,255.5	14	21	29	39	86	83	(X)
	1966..	(NA)	3,202.3	14	20	(NA)	(NA)	(NA)	(NA)	4
	1963..	11,979	2,645.1	13	19	28	38	86	79	(X)
2752	Commercial printing, lithographic ^{6.5}.....1972..	8,160	5,124.8	4	8	15	24	87	88	(X)
	1970..	(NA)	4,155.1	4	8	(NA)	(NA)	(NA)	(NA)	2
	1967..	6,718	3,139.4	5	8	15	25	82	80	(X)
	1966..	(NA)	2,791.4	5	9	(NA)	(NA)	(NA)	(NA)	3
	1963..	6,738	2,149.7	6	10	16	25	80	82	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁶ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
		MAJOR GROUP 27.--PRINTING AND PUBLISHING--Continued								
2753	Engraving and plate printing.....1972..	542	201.6	28	33	43	57	92	87	(X)
	1970..	(NA)	164.3	(S)	(S)	(NA)	(NA)	(NA)	(NA)	11
	1967..	569	137.9	21	28	38	52	91	81	(X)
	1966..	(NA)	175.9	(S)	(S)	(NA)	(NA)	(NA)	(NA)	13
	1963..	574	111.1	26	34	47	60	89	79	(X)
	1958..	520	85.2	28	35	46	59	92	82	(X)
	1954..	565	60.1	24	30	41	(NA)	93	79	(X)
	1947..	412	45.3	38	44	55	(NA)	92	80	(X)
	1935..	(NA)	(NA)	33	40	(NA)	(NA)	(NA)	(NA)	(X)
2754	Commercial printing, gravure ⁶⁶.....1972..	120	697.6	35	55	81	96	87	79	(X)
2761	Manifold business forms.....1972..	534	1,429.7	45	54	66	78	90	91	(X)
	1970..	(NA)	1,233.2	47	57	(NA)	(NA)	(NA)	(NA)	3
	1967..	454	932.3	47	57	69	81	91	90	(X)
	1966..	(NA)	823.9	47	57	(NA)	(NA)	(NA)	(NA)	3
	1963..	439	637.7	46	55	68	80	90	91	(X)
2771	Greeting card publishing.....1972..	186	755.4	70	78	88	96	76	97	(X)
	1970..	(NA)	659.6	75	85	(NA)	(NA)	(NA)	(NA)	1
	1967..	203	517.9	67	79	88	95	87	93	(X)
	1966..	(NA)	460.1	64	76	(NA)	(NA)	(NA)	(NA)	5
	1963..	239	346.0	57	71	82	92	92	96	(X)
	1958..	265	276.0	45	62	75	89	94	93	(X)
	1954..	280	208.9	42	57	73	(NA)	93	89	(X)
	1947..	161	123.9	39	55	74	(NA)	92	87	(X)
2782	Blankbooks and looseleaf binders.....1972..	377	591.1	38	48	62	78	89	90	(X)
	1970..	(NA)	461.5	39	48	(NA)	(NA)	(NA)	(NA)	4
	1967..	402	381.3	35	45	59	77	86	88	(X)
	1966..	(NA)	344.2	(S)	(S)	(NA)	(NA)	(NA)	(NA)	4
	1963..	380	268.2	33	44	57	76	88	88	(X)
2789	Bookbinding and related work.....1972..	990	377.2	11	18	31	46	95	89	(X)
	1970..	(NA)	353.3	10	16	(NA)	(NA)	(NA)	(NA)	3
	1967..	1,008	340.6	11	18	30	47	94	89	(X)
	1966..	(NA)	349.1	(S)	(S)	(NA)	(NA)	(NA)	(NA)	7
	1963..	1,038	228.5	12	17	28	44	95	83	(X)
	1958..	966	182.0	10	16	(NA)	(NA)	94	86	(X)
2791	Typesetting.....1972..	1,860	482.8	5	8	16	29	97	91	(X)
	1970..	(NA)	462.9	(S)	(S)	(NA)	(NA)	(NA)	(NA)	7
	1967..	1,518	356.7	7	11	19	32	95	92	(X)
	1966..	(NA)	309.6	(S)	(S)	(NA)	(NA)	(NA)	(NA)	9
	1963..	1,271	241.0	6	10	18	30	95	90	(X)
	1958..	1,181	175.1	6	10	19	33	93	92	(X)
	1954..	1,078	121.4	5	9	18	(NA)	94	87	(X)
	1947..	793	75.7	8	13	24	(NA)	94	87	(X)
2793	Photoengraving.....1972..	583	229.7	13	19	32	50	84	83	(X)
	1970..	(NA)	219.1	(S)	(S)	(NA)	(NA)	(NA)	(NA)	9
	1967..	732	234.3	10	16	27	44	94	91	(X)
	1966..	(NA)	225.0	(S)	(S)	(NA)	(NA)	(NA)	(NA)	8
	1963..	872	212.4	8	13	24	38	95	91	(X)
	1958..	897	206.0	8	13	24	37	95	93	(X)
	1954..	884	173.0	6	11	21	(NA)	95	93	(X)
	1947..	754	133.5	8	12	22	(NA)	96	95	(X)
2794	Electrotyping and stereotyping.....1972..	72	36.8	43	57	79	98	81	77	(X)
	1970..	(NA)	54.9	(S)	(S)	(NA)	(NA)	(NA)	(NA)	7
	1967..	124	62.1	34	45	63	87	89	85	(X)
	1966..	(NA)	81.2	(S)	(S)	(NA)	(NA)	(NA)	(NA)	6
	1963..	170	76.1	31	39	57	80	87	86	(X)
	1958..	206	77.7	29	35	49	70	92	87	(X)
	1954..	219	85.9	23	34	51	(NA)	89	89	(X)
	1947..	205	59.0	24	34	49	(NA)	92	87	(X)
	1935..	(NA)	(NA)	36	46	(NA)	(NA)	(NA)	(NA)	(X)
2795	Lithographic platemaking services ⁶⁷.....1972..	330	257.0	21	29	41	60	87	83	(X)
		MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS								
2812	Alkalies and chlorine.....1972..	28	823.2	72	91	99+	100	65	65	(X)
	1970..	(NA)	660.3	71	93	(NA)	(NA)	(NA)	(NA)	1
	1967..	19	719.8	63	88	100	(X)	67	75	(X)
	1966..	(NA)	782.7	63	88	(NA)	(NA)	(NA)	(NA)	2
	1963..	19	652.1	62	88	100	(X)	66	79	(X)
	1958..	18	488.1	64	89	100	(X)	73	81	(X)
	1954..	17	399.9	69	90	100	(X)	76	84	(X)
	1947..	18	208.6	70	93	100	(X)	81	85	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)			
			Total (million dollars)	Percent accounted for by ⁴ —								
				4 largest companies	8 largest companies	20 largest companies	50 largest companies					
			MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS--Continued									
2813	Industrial gases.....	1972..	105	679.3	65	81	93	98	96	92	(X)	
		1970..	(NA)	665.0	75	(S)	(NA)	(NA)	(NA)	(NA)	1	
		1967..	113	588.7	67	84	95	99	96	89	(X)	
		1966..	(NA)	549.7	72	88	(NA)	(NA)	(NA)	(NA)	2	
		1963..	104	425.4	72	86	95	99	98	87	(X)	
		1958..	111	232.0	79	88	94	98	97	84	(X)	
		1954..	101	167.7	84	88	93	(NA)	99	84	(X)	
		1947..	69	93.5	83	88	94	(NA)	100	84	(X)	
		1935..	(NA)	(NA)	79	87	(NA)	(NA)	(NA)	(NA)	(X)	
2816	Inorganic pigments.....	1972..	77	796.9	52	72	91	99	86	86	(X)	
		1970..	(NA)	635.2	56	74	(NA)	(NA)	(NA)	(NA)	2	
		1967..	65	549.3	59	78	95	99+	90	84	(X)	
		1966..	(NA)	581.8	64	83	(NA)	(NA)	(NA)	(NA)	2	
		1963..	69	484.8	68	84	96	99+	91	87	(X)	
		1958..	67	402.6	69	83	96	99+	92	90	(X)	
		1954..	73	371.4	67	83	96	(NA)	88	88	(X)	
2819	Industrial inorganic chemicals, n.e.c. ^{68 69}	1972..	166	3,833.3	34	52	76	93	89	79	(X)	
2821	Plastics materials and resins ⁷⁰	1972..	193	4,478.2	27	41	65	90	81	79	(X)	
2822	Synthetic rubber.....	1972..	50	1,089.4	62	81	98	100	81	79	(X)	
		1970..	(NA)	992.1	64	85	(NA)	(NA)	(NA)	(NA)	1	
		1967..	33	926.9	61	82	100	100	89	81	(X)	
		1966..	(NA)	954.7	56	78	(NA)	(NA)	(NA)	(NA)	2	
		1963..	16	763.9	57	80	100	(X)	92	80	(X)	
		1958..	13	529.2	60	86	100	(X)	95	83	(X)	
		1954..	13	361.1	53	81	100	(X)	98	90	(X)	
		1947..	5	235.2	(D)	100	(X)	(X)	96	89	(X)	
2823	Cellulosic manmade fibers.....	1972..	12	589.5	96	(D)	100	(X)	(D)	(D)	(X)	
		1970..	(NA)	685.0	(D)	100	(NA)	(NA)	(NA)	(NA)	1	
		1967..	13	902.8	86	99+	100	(X)	(NA)	(NA)	(X)	
		1966..	(NA)	924.1	85	100	(NA)	(NA)	(NA)	(NA)	2	
		1963..	8	731.8	82	100	(X)	(X)	(D)	(D)	(X)	
2824	Organic fibers, noncellulosic.....	1972..	36	3,638.9	74	91	99+	100	80	97	(X)	
		1970..	(NA)	2,822.3	73	89	(NA)	(NA)	(NA)	(NA)	1	
		1967..	22	2,033.2	84	94	(D)	100	92	94	(X)	
		1966..	(NA)	1,991.8	85	95	(NA)	(NA)	(NA)	(NA)	2	
		1963..	14	1,403.2	94	99	100	(X)	95	97	(X)	
2831	Biological products.....	1972..	158	360.0	37	53	82	95	87	60	(X)	
		1970..	(NA)	236.7	37	59	(NA)	(NA)	(NA)	(NA)	1	
		1967..	119	160.0	39	63	86	97	90	61	(X)	
		1966..	(NA)	108.4	46	72	(NA)	(NA)	(NA)	(NA)	7	
		1963..	102	95.7	36	57	86	98	88	45	(X)	
		1958..	110	56.6	44	59	84	97	89	41	(X)	
		1954..	86	61.0	46	51	81	(NA)	86	65	(X)	
		1947..	79	40.0	38	51	76	(NA)	87	57	(X)	
2833	Medicinals and botanicals.....	1972..	125	509.0	59	75	90	98	87	51	(X)	
		1970..	(NA)	528.3	64	74	(NA)	(NA)	(NA)	(NA)	2	
		1967..	112	445.2	74	81	91	98	71	56	(X)	
		1966..	(NA)	285.1	70	81	(NA)	(NA)	(NA)	(NA)	3	
		1963..	122	305.8	68	79	91	99	71	47	(X)	
		1958..	114	299.3	64	77	89	98	72	55	(X)	
		1954..	107	252.5	72	84	93	(NA)	69	59	(X)	
2834	Pharmaceutical preparations.....	1972..	680	7,149.5	26	44	75	91	87	97	(X)	
		1970..	(NA)	6,027.8	26	43	(NA)	(NA)	(NA)	(NA)	1	
		1967..	791	4,696.4	24	40	73	90	87	97	(X)	
		1966..	(NA)	4,432.4	24	41	(NA)	(NA)	(NA)	(NA)	2	
		1963..	944	3,314.3	22	38	72	89	87	94	(X)	
		1958..	1,064	2,533.4	27	45	73	87	88	94	(X)	
		1954..	1,128	1,643.1	25	44	68	(NA)	91	94	(X)	
		1947..	1,123	941.3	28	44	64	(NA)	91	98	(X)	
2841	Soap and other detergents.....	1972..	577	3,394.4	62	74	85	92	83	90	(X)	
		1970..	(NA)	2,988.7	70	79	(NA)	(NA)	(NA)	(NA)	1	
		1967..	599	2,593.4	70	78	86	92	83	90	(X)	
		1966..	(NA)	2,395.9	72	80	(NA)	(NA)	(NA)	(NA)	2	
		1963..	641	2,127.8	72	80	88	93	82	92	(X)	
2842	Polishes and sanitation goods ⁷¹	1972..	1,022	1,867.6	43	54	65	78	81	83	(X)	
2843	Surface active agents.....	1972..	151	462.6	28	42	64	89	81	60	(X)	
		1970..	(NA)	398.7	31	46	(NA)	(NA)	(NA)	(NA)	6	
		1967..	154	294.2	34	47	65	85	79	54	(X)	
		1966..	(NA)	252.1	38	50	(NA)	(NA)	(NA)	(NA)	3	
		1963..	137	177.8	39	50	67	86	80	47	(X)	

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ¹					Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ¹ -							
				4 largest companies	8 largest companies	20 largest companies	50 largest companies				
			MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS--Continued								
2844	Toilet preparations.....	1972..	593	4,053.0	38	53	74	91	94	86	(X)
		1970..	(NA)	3,461.1	39	52	(NA)	(NA)	(NA)	(NA)	2
		1967..	628	2,515.6	38	52	74	90	94	80	(X)
		1966..	(NA)	2,430.6	40	54	(NA)	(NA)	(NA)	(NA)	2
		1963..	673	1,792.7	38	52	75	90	91	84	(X)
		1958..	721	997.2	29	45	70	87	92	83	(X)
		1954..	693	628.5	25	40	64	(NA)	91	77	(X)
		1947..	692	381.4	24	38	59	(NA)	84	72	(X)
		1935..	(NA)	(NA)	25	40	(NA)	(NA)	(NA)	(NA)	(X)
2851	Paints and allied products ⁷²	1972..	1,318	3,821.8	22	34	51	66	95	96	(X)
		1970..	(NA)	3,407.8	22	34	(NA)	(NA)	(NA)	(NA)	2
		1967..	1,459	2,911.4	22	35	48	61	95	96	(X)
		1966..	(NA)	2,970.4	23	36	(NA)	(NA)	(NA)	(NA)	2
		1963..	1,579	2,456.4	23	34	47	60	95	96	(X)
2861	Gum and wood chemicals.....	1972..	118	332.3	68	83	94	99	70	75	(X)
		1970..	(NA)	261.7	73	85	(NA)	(NA)	(NA)	(NA)	3
		1967..	172	215.9	70	79	88	97	73	76	(X)
		1966..	(NA)	209.5	72	84	(NA)	(NA)	(NA)	(NA)	4
		1963..	229	212.9	63	71	83	94	74	77	(X)
2865	Cyclic crudes and intermediates (1967 industry 2815).....	1972..	124	2,049.6	34	52	77	96	76	65	(X)
		1970..	(NA)	1,792.2	36	56	(NA)	(NA)	(NA)	(NA)	1
		1967..	115	1,596.8	45	64	83	97	73	66	(X)
		1963..	120	1,212.8	53	71	88	99+	(NA)	(NA)	(X)
2869	Industrial organic chemicals, n.e.c. (1967 industry 2818) ⁸	1972..	351	9,223.5	43	57	74	92	71	85	(X)
		1970..	(NA)	7,373.8	44	58	(NA)	(NA)	(NA)	(NA)	1
		1967..	339	6,377.8	45	58	75	92	72	81	(X)
		1966..	(NA)	6,541.1	46	60	(NA)	(NA)	(NA)	(NA)	2
		1963..	343	4,840.2	51	63	79	93	72	81	(X)
		1958..	250	3,070.2	55	70	85	96	73	80	(X)
		1954..	202	2,198.7	59	73	87	(NA)	77	80	(X)
2873	Nitrogenous fertilizers ⁷³	1972..	47	799.4	35	53	84	100	85	69	(X)
2874	Phosphatic fertilizers ⁷⁴	1972..	66	1,178.9	29	47	83	99	89	92	(X)
2875	Fertilizers, mixing only (1967 industry 2872).....	1972..	442	800.0	24	38	57	74	96	97	(X)
		1970..	(NA)	703.1	24	37	(NA)	(NA)	(NA)	(NA)	3
		1967..	496	731.1	23	36	54	72	96	97	(X)
		1966..	(NA)	734.9	21	36	(NA)	(NA)	(NA)	(NA)	2
		1963..	537	623.1	20	31	48	64	94	96	(X)
		1958..	514	355.1	18	28	47	64	(NA)	(NA)	(X)
		1954..	437	329.3	20	29	46	(NA)	95	44	(X)
		1947..	377	193.3	18	28	47	(NA)	49	47	(X)
2879	Agricultural chemicals, n.e.c. ⁷⁵	1972..	297	1,150.8	39	57	76	89	87	72	(X)
2891	Adhesives and sealants ⁷⁶	1972..	317	928.0	19	31	52	76	89	82	(X)
2892	Explosives ⁶⁹	1972..	55	402.7	67	86	98	99+	92	95	(X)
		1970..	(NA)	501.3	72	95	(NA)	(NA)	(NA)	(NA)	1
		1967..	37	647.0	67	91	99	100	93	93	(X)
		1966..	(NA)	469.4	72	87	(NA)	(NA)	(NA)	(NA)	2
		1963..	41	283.3	72	86	99	100	88	94	(X)
		1958..	45	222.5	77	89	98	100	98	96	(X)
		1954..	40	389.6	79	92	99	100	98	91	(X)
		1947..	35	136.4	80	89	98	100	87	99	(X)
2893	Printing ink.....	1972..	213	508.4	39	54	75	88	95	93	(X)
		1970..	(NA)	397.4	49	(S)	(NA)	(NA)	(NA)	(NA)	3
		1967..	207	375.6	49	64	79	90	93	95	(X)
		1966..	(NA)	377.0	48	58	(NA)	(NA)	(NA)	(NA)	6
		1963..	216	268.0	48	63	77	90	93	92	(X)
		1958..	193	223.6	53	65	78	91	91	97	(X)
		1954..	188	180.6	54	65	79	(NA)	90	95	(X)
		1947..	151	115.7	57	69	81	(NA)	92	78	(X)
		1935..	(NA)	(NA)	49	60	(NA)	(NA)	(NA)	(NA)	(X)
2895	Carbon black.....	1972..	11	227.0	74	99+	100	(X)	95	95	(X)
		1970..	(NA)	169.7	(S)	(S)	(NA)	(NA)	(NA)	(NA)	1
		1967..	11	167.8	72	(D)	100	(X)	100	100	(X)
		1966..	(NA)	187.8	70	100	(NA)	(NA)	(NA)	(NA)	2
		1963..	8	149.1	72	100	(X)	(X)	(D)	(D)	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
			MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS--Continued							
2899	Chemical preparations, n.e.c. ⁷⁷.....1972..	1,485	2,202.3	16	26	41	58	84	75	(X)
	.....1970..	(NA)	1,663.4	19	27	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	1,275	1,381.6	19	28	43	62	82	72	(X)
	.....1966..	(NA)	1,322.5	20	31	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	1,312	964.6	20	30	46	64	82	71	(X)
			MAJOR GROUP 29.--PETROLEUM AND COAL PRODUCTS							
2911	Petroleum refining.....1972..	154	25,921.1	31	56	84	95	99	97	(X)
	.....1970..	(NA)	22,737.9	33	57	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	276	20,293.9	33	57	84	96	98	97	(X)
	.....1966..	(NA)	18,758.7	32	57	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	266	16,496.9	34	56	82	95	98	⁷⁸ 97	(X)
	.....1958..	289	14,106.3	32	55	82	94	98	⁷⁸ 98	(X)
	.....1954..	253	11,757.2	33	56	84	(NA)	99	⁷⁸ 98	(X)
	.....1947..	277	6,623.7	37	59	83	(NA)	99	⁷⁸ 97	(X)
	.....1935..	(NA)	(NA)	38	58	(NA)	(NA)	(NA)	(NA)	(X)
2951	Paving mixtures and blocks.....1972..	585	922.5	15	23	34	51	93	90	(X)
	.....1970..	(NA)	745.8	16	24	(NA)	(NA)	(NA)	(NA)	4
	.....1967..	553	584.6	14	22	35	51	93	95	(X)
	.....1966..	(NA)	479.2	15	23	(NA)	(NA)	(NA)	(NA)	4
	.....1963..	528	427.5	15	21	35	51	92	89	(X)
	.....1958..	415	255.3	11	17	31	51	93	89	(X)
	.....1954..	252	126.6	15	24	42	(NA)	97	94	(X)
	.....1947..	182	51.0	19	30	45	(NA)	99	88	(X)
	.....1935..	(NA)	(NA)	48	63	(NA)	(NA)	(NA)	(NA)	(X)
2952	Asphalt felts and coatings.....1972..	116	1,010.3	48	74	88	97	93	96	(X)
	.....1970..	(NA)	689.9	38	65	(NA)	(NA)	(NA)	(NA)	4
	.....1967..	115	597.8	38	65	86	97	91	95	(X)
	.....1966..	(NA)	589.4	38	65	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	126	527.6	37	66	85	97	90	92	(X)
	.....1958..	120	420.7	37	64	86	97	90	92	(X)
	.....1954..	108	400.8	39	67	89	(NA)	91	94	(X)
	.....1947..	104	338.2	42	65	87	(NA)	95	95	(X)
	.....1935..	(NA)	(NA)	42	68	(NA)	(NA)	(NA)	(NA)	(X)
2992	Lubricating oils and greases.....1972..	386	703.1	31	44	58	73	94	⁷⁹ 40	(X)
	.....1970..	(NA)	553.5	39	52	(NA)	(NA)	(NA)	(NA)	5
	.....1967..	256	487.3	38	50	68	84	93	⁷⁹ 32	(X)
	.....1966..	(NA)	527.4	36	48	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	311	471.2	36	48	65	80	91	⁷⁹ 33	(X)
	.....1958..	284	260.2	29	44	63	80	83	⁷⁹ 25	(X)
	.....1954..	265	224.2	28	42	61	(NA)	87	18	(X)
	.....1947..	205	169.3	36	48	66	(NA)	89	19	(X)
2999	Petroleum and coal products, n.e.c.....1972..	42	137.6	74	86	93	99	99	91	(X)
	.....1970..	(NA)	119.0	82	91	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	38	79.8	82	92	99	100	99	92	(X)
	.....1966..	(NA)	64.1	80	91	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	59	71.5	70	84	96	⁹⁹⁺	96	91	(X)
	.....1958..	74	67.8	63	72	89	99	95	96	(X)
	.....1954..	39	58.5	58	72	95	100	94	89	(X)
				MAJOR GROUP 30.--RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS, N.E.C.						
3011	Tires and inner tubes.....1972..	136	5,747.1	73	90	98	⁹⁹⁺	97	99	(X)
	.....1970..	(NA)	4,587.2	72	89	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	119	3,733.9	70	88	97	100	95	99	(X)
	.....1966..	(NA)	3,715.8	71	90	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	105	2,949.7	70	89	97	⁹⁹⁺	(D)	99	(X)
3021	Rubber and plastics footwear ⁸⁰.....1972..	82	600.0	59	70	89	99	94	99	(X)
	.....1970..	(NA)	515.0	58	76	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	51	427.0	59	75	92	(D)	(NA)	(NA)	(X)
	.....1966..	(NA)	410.1	63	80	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	44	354.2	62	77	94	100	93	90	(X)
	.....1958..	22	219.0	65	82	(D)	100	88	90	(X)
	.....1954..	19	166.4	72	87	100	(X)	84	85	(X)
	.....1947..	20	198.7	81	93	100	(X)	80	99	(X)
	.....1935..	(NA)	(NA)	81	100	(NA)	(NA)	(NA)	(NA)	(X)
3031	Reclaimed rubber.....1972..	19	29.7	78	95	100	(X)	96	55	(X)
	.....1970..	(NA)	41.4	88	(S)	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	19	43.8	87	96	100	(X)	83	75	(X)
	.....1966..	(NA)	52.4	(S)	(S)	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	7	48.9	93	100	(X)	(X)	(D)	77	(X)
	.....1958..	12	37.6	87	97	100	(X)	94	74	(X)
	.....1954..	15	39.0	73	94	100	(X)	87	74	(X)
.....1947..	14	17.2	84	96	100	(X)	95	44	(X)	

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ -						
				4 largest companies	8 largest companies	20 largest companies				50 largest companies
			MAJOR GROUP 30.--RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS, N.E.C.--Continued							
3041	Rubber and plastics hose and belting ⁸¹.....1972..	66	1,020.1	52	72	91	99	85	89	(X)
3069	Fabricated rubber products, n.e.c. ⁸².....1972..	967	2,830.9	16	24	40	59	84	89	(X)
3079	Miscellaneous plastics products ⁸³.....1972..	6,762	10,695.9	8	12	21	34	94	88	(X)
	1970..	(NA)	6,992.8	8	13	(NA)	(NA)	(NA)	(NA)	(X)
	1967..	4,495	5,414.5	8	13	21	33	93	84	(X)
	1966..	(NA)	4,658.3	8	12	(NA)	(NA)	(NA)	(NA)	3
	1963..	4,101	3,165.4	8	12	20	31	92	80	(X)
			MAJOR GROUP 31.--LEATHER AND LEATHER PRODUCTS							
3111	Leather tanning and finishing.....1972..	468	1,059.5	17	28	48	71	99	99	(X)
	1970..	(NA)	793.3	21	32	(NA)	(NA)	(NA)	(NA)	2
	1967..	474	870.1	20	31	50	71	98	99	(X)
	1966..	(NA)	940.5	19	30	(NA)	(NA)	(NA)	(NA)	3
	1963..	482	758.4	18	30	47	70	99	100	(X)
	1958..	520	732.4	18	30	47	68	100	100	(X)
	1954..	525	706.2	18	28	45	(NA)	98	100	(X)
	1947..	500	1,070.3	27	39	55	(NA)	100	100	(X)
	1935..	(NA)	(NA)	22	34	(NA)	(NA)	(NA)	(NA)	(X)
3131	Boot and shoe cut stock and findings.....1972..	225	206.5	17	27	49	75	94	95	(X)
	1970..	(NA)	247.0	(S)	(S)	(NA)	(NA)	(NA)	(NA)	5
	1967..	348	262.8	19	28	44	64	94	93	(X)
	1966..	(NA)	(282.8)	19	25	(NA)	(NA)	(NA)	(NA)	17
	1963..	414	229.3	20	27	40	60	93	94	(X)
	1958..	472	243.0	19	29	41	58	95	95	(X)
	1954..	522	246.4	22	32	44	(NA)	97	96	(X)
	1947..	544	294.3	30	41	55	(NA)	99	97	(X)
	1935..	(NA)	(NA)	32	42	(NA)	(NA)	(NA)	(NA)	1
3142	House slippers ⁸⁴.....1972..	83	151.4	39	58	80	97	95	87	(X)
	1970..	(NA)	175.3	28	44	(NA)	(NA)	(NA)	(NA)	4
	1967..	125	181.0	22	37	63	88	92	93	(X)
	1966..	(NA)	162.0	18	31	(NA)	(NA)	(NA)	(NA)	8
	1963..	149	123.6	20	34	58	84	90	85	(X)
	1958..	159	111.0	18	30	56	83	90	85	(X)
	1954..	170	90.5	19	31	54	(NA)	89	87	(X)
	1947..	(⁸⁵)	67.4	(⁸⁵)	(⁸⁵)	(⁸⁵)	(⁸⁵)	(⁸⁵)	(⁸⁵)	(X)
3143	Men's footwear, except athletic ⁸⁶.....1972..	118	1,288.9	34	51	74	95	93	97	(X)
3144	Women's footwear, except athletic ⁸⁶.....1972..	294	1,346.1	32	42	56	76	97	95	(X)
3149	Footwear, except rubber, n.e.c. ⁸⁶.....1972..	153	485.8	30	42	65	87	88	85	(X)
	1967 industry 3141, Shoes, except rubber (1972 industry 3149).....1970..	(NA)	2,972.8	28	36	(NA)	(NA)	(NA)	(NA)	1
	1967..	676	2,780.3	27	34	46	61	99	98	(X)
	1966..	(NA)	2,650.1	26	34	(NA)	(NA)	(NA)	(NA)	2
	1963..	784	2,249.2	25	32	43	57	99	99	(X)
	1958..	871	2,026.2	27	34	43	55	99	99	(X)
	1954..	970	1,790.7	30	36	45	(NA)	99	99	(X)
	1947..	1,077	1,726.6	28	35	45	(NA)	99	100	(X)
3151	Leather gloves and mittens.....1972..	95	98.2	35	50	74	95	92	85	(X)
	1970..	(NA)	96.4	(S)	(S)	(NA)	(NA)	(NA)	(NA)	8
	1967..	136	86.7	30	43	65	89	90	84	(X)
	1966..	(NA)	89.6	25	36	(NA)	(NA)	(NA)	(NA)	10
	1963..	160	80.6	22	34	57	84	81	89	(X)
3161	Luggage.....1972..	266	364.5	39	50	65	82	92	97	(X)
	1970..	(NA)	312.4	38	51	(NA)	(NA)	(NA)	(NA)	5
	1967..	328	334.2	34	45	59	77	96	94	(X)
	1966..	(NA)	275.8	35	45	(NA)	(NA)	(NA)	(NA)	8
	1963..	377	210.3	31	40	55	73	95	94	(X)
3171	Women's handbags and purses.....1972..	431	365.0	14	23	39	61	95	97	(X)
	1970..	(NA)	280.2	(S)	(S)	(NA)	(NA)	(NA)	(NA)	5
	1967..	488	327.2	10	17	30	52	98	98	(X)
	1966..	(NA)	291.9	11	19	(NA)	(NA)	(NA)	(NA)	11
	1963..	539	280.3	11	18	31	51	98	98	(X)
	1958..	613	227.4	10	15	27	48	96	98	(X)
	1954..	710	188.8	8	14	26	(NA)	97	98	(X)
	1947..	725	163.3	7	13	23	(NA)	99	97	(X)
3172	Personal leather goods.....1972..	238	242.2	37	47	66	84	91	91	(X)
	1970..	(NA)	235.7	31	41	(NA)	(NA)	(NA)	(NA)	10
	1967..	293	186.2	33	44	60	78	91	92	(X)
	1966..	(NA)	195.8	32	45	(NA)	(NA)	(NA)	(NA)	6
	1963..	325	159.0	31	45	60	78	96	92	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies				50 largest companies
		MAJOR GROUP 31.--LEATHER AND LEATHER PRODUCTS--Continued								
3199	Leather goods, n.e.c. ⁸⁷.....1972..	433	161.3	17	26	43	63	92	90	(X)
	.....1970..	(NA)	118.0	20	(S)	(NA)	(NA)	(NA)	(NA)	10
	.....1967..	358	96.5	19	28	45	67	94	87	(X)
	.....1966..	(NA)	(90.9)	19	(S)	(NA)	(NA)	(NA)	(NA)	14
	.....1963..	365	67.1	17	26	44	66	94	82	(X)
	.....1958 ⁸⁸	429	54.4	14	21	(NA)	(NA)	96	84	(X)
MAJOR GROUP 32.--STONE, CLAY, AND GLASS PRODUCTS										
3211	Flat glass.....1972..	11	937.1	92	(D)	100	(X)	⁶¹ 85	(D)	(X)
	.....1970..	(NA)	669.6	92	(S)	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	⁸⁹ 39	611.3	94	98	99	100	⁶¹ 85	(D)	(X)
	.....1966..	(NA)	638.1	96	99+	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	11	549.4	94	99+	100	(X)	(D)	(D)	(X)
	.....1958..	13	382.7	92	99	100	(X)	(D)	(D)	(X)
	.....1954..	16	370.5	90	99	100	(X)	90	(D)	(X)
	.....1947..	(⁹⁰)	223.7	(⁹⁰)	(⁹⁰)	(⁹⁰)	(⁹⁰)	(⁹⁰)	(⁹⁰)	(X)
3221	Glass containers.....1972..	27	2,126.5	55	76	98	100	99	99	(X)
	.....1970..	(NA)	1,863.9	57	78	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	39	1,352.4	60	75	95	100	99	99	(X)
	.....1966..	(NA)	1,207.5	59	74	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	40	1,004.5	55	72	92	100	99	99	(X)
	.....1958..	42	855.8	58	75	93	100	99	99	(X)
	.....1954..	38	635.1	63	78	92	100	98	99	(X)
	.....1947..	41	422.6	63	79	93	100	(D)	(D)	(X)
3229	Pressed and blown glass, n.e.c.....1972..	211	1,267.3	66	82	93	98	96	96	(X)
	.....1970..	(NA)	1,052.0	67	82	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	139	886.2	71	83	93	99	97	98	(X)
	.....1966..	(NA)	926.6	72	85	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	75	630.9	68	81	93	99	96	97	(X)
	.....1958..	111	441.0	64	79	90	96	98	98	(X)
	.....1954..	255	411.3	67	77	88	(NA)	98	96	(X)
	.....1947..	107	234.8	51	65	80	(NA)	96	91	(X)
3231	Products of purchased glass.....1972..	842	1,330.1	43	53	65	77	⁶¹ 90	(D)	(X)
	.....1970..	(NA)	959.8	43	51	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	845	794.7	42	50	61	74	⁶¹ 90	(D)	(X)
	.....1966..	(NA)	754.1	40	50	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	1,016	627.3	43	49	59	70	(D)	(D)	(X)
	3241	Cement, hydraulic.....1972..	75	1,791.2	26	46	79	99+	99	99	(X)
.....1970..		(NA)	1,376.3	27	48	(NA)	(NA)	(NA)	(NA)	1
.....1967..		66	1,246.5	29	49	82	99+	99	99	(X)
.....1966..		(NA)	1,253.4	30	51	(NA)	(NA)	(NA)	(NA)	2
.....1963..		55	1,176.9	29	49	82	99+	99	100	(X)
.....1958..		62	1,069.4	32	50	78	99	99	100	(X)
.....1954..		67	811.1	31	48	73	(NA)	99	100	(X)
.....1947..		73	408.9	30	45	70	(NA)	100	100	(X)
.....1935..		(NA)	(NA)	29	44	(NA)	(NA)	(NA)	(NA)	(X)
3251	Brick and structural clay tile.....1972..	314	513.0	17	26	42	64	98	99	(X)
	.....1970..	(NA)	401.5	(S)	(S)	(NA)	(NA)	(NA)	(NA)	7
	.....1967..	377	362.0	14	22	35	57	98	99	(X)
	.....1966..	(NA)	386.8	13	21	(NA)	(NA)	(NA)	(NA)	5
	.....1963..	401	325.1	12	19	33	54	98	98	(X)
	.....1958..	471	278.5	12	20	33	50	96	98	(X)
	.....1954..	510	250.4	13	20	34	(NA)	96	98	(X)
	.....1947..	574	144.5	10	17	30	(NA)	95	97	(X)
3253	Ceramic wall and floor tile.....1972..	64	175.6	56	71	90	99+	98	96	(X)
	.....1970..	(NA)	154.1	56	78	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	57	160.5	52	76	94	99+	93	99	(X)
	.....1966..	(NA)	162.1	51	74	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	71	164.7	49	69	88	99+	95	99	(X)
3255	Clay refractories.....1972..	86	336.0	49	68	89	99	87	92	(X)
	.....1970..	(NA)	332.8	43	63	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	83	246.1	44	64	86	99	92	92	(X)
	.....1966..	(NA)	267.1	41	62	(NA)	(NA)	(NA)	(NA)	4
	.....1963..	80	192.2	41	60	83	98	91	93	(X)
	.....1958..	104	157.5	43	61	81	95	93	95	(X)
	.....1954..	113	136.4	43	60	79	(NA)	92	95	1
	.....1947..	108	109.3	41	57	76	(NA)	93	94	(X)
3259	Structural clay products, n.e.c.....1972..	88	180.7	39	66	88	99	95	96	(X)
	.....1970..	(NA)	161.6	36	58	(NA)	(NA)	(NA)	(NA)	4
	.....1967..	110	152.9	31	51	79	95	91	96	(X)
	.....1966..	(NA)	155.7	33	52	(NA)	(NA)	(NA)	(NA)	1
	.....1963..	126	159.7	36	55	79	94	89	95	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³					Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)		
			Total (million dollars)	Percent accounted for by ⁴ —								
				4 largest companies	8 largest companies	20 largest companies	50 largest companies					
			MAJOR GROUP 32.--STONE, CLAY, AND GLASS PRODUCTS--Continued									
3261	Vitreous plumbing fixtures.....1972..	42	270.0	58	83	99	100	90	92	(X)		
	1970..	(NA)	209.7	57	82	(NA)	(NA)	(NA)	(NA)	1		
	1967..	34	170.0	62	84	99	100	95	96	(X)		
	1966..	(NA)	180.7	56	77	(NA)	(NA)	(NA)	(NA)	6		
	1963..	34	155.7	57	78	98	100	97	97	(X)		
	1958..	35	130.8	54	75	96	100	97	97	(X)		
	1954..	25	116.3	65	84	99	100	99	99	(X)		
	1947..	26	68.1	58	82	99+	100	98	99	(X)		
3262	Vitreous china food utensils.....1972..	32	81.9	75	90	99	100	⁶¹ 90	88	(X)		
	1970..	(NA)	75.9	(S)	(S)	(NA)	(NA)	(NA)	(NA)	9		
	1967..	35	67.2	70	88	98	100	⁶¹ 90	89	(X)		
	1966..	(NA)	60.0	75	93	(NA)	(NA)	(NA)	(NA)	2		
	1963..	26	51.0	69	88	99+	100	⁶¹ 90	91	(X)		
	1958..	26	47.3	60	80	99	100	96	96	(X)		
	1954..	32	44.5	55	73	97	110	95	96	(X)		
	1947..	26	43.2	56	75	99	100	97	96	(X)		
3263	Fine earthenware food utensils.....1972..	17	74.3	65	90	100	(X)	⁶¹ 70	97	(X)		
	1970..	(NA)	48.7	62	(S)	(NA)	(NA)	(NA)	(NA)	1		
	1967..	20	47.1	61	87	100	100	86	86	(X)		
	1966..	(NA)	47.6	61	87	(NA)	(NA)	(NA)	(NA)	2		
	1963..	20	59.0	57	83	100	(X)	92	91	(X)		
	1958..	29	49.4	43	69	98	100	98	91	(X)		
	1954..	46	66.4	37	57	88	100	98	92	(X)		
	1947..	74	72.1	38	57	87	(NA)	92	97	(X)		
3264	Porcelain electrical supplies.....1972..	74	274.6	46	70	88	99	91	95	(X)		
	1970..	(NA)	220.1	53	69	(NA)	(NA)	(NA)	(NA)	3		
	1967..	65	225.0	47	70	90	99+	85	98	(X)		
	1966..	(NA)	197.1	49	69	(NA)	(NA)	(NA)	(NA)	3		
	1963..	74	131.8	46	67	88	99+	91	95	(X)		
	1958..	57	92.6	46	68	89	99	92	93	(X)		
	1954..	42	77.9	46	70	92	100	94	87	(X)		
	1947..	47	71.5	44	64	90	100	89	93	(X)		
3269	Pottery products, n.e.c.....1972..	417	134.0	20	35	55	75	97	84	(X)		
	1970..	(NA)	104.4	(S)	(S)	(NA)	(NA)	(NA)	(NA)	7		
	1967..	424	96.1	28	37	55	75	97	87	(X)		
	1963..	449	95.5	32	41	58	75	87	89	(X)		
3271	Concrete block and brick.....1972..	1,300	855.7	5	8	14	25	93	85	(X)		
	1970..	(NA)	652.3	5	(S)	(NA)	(NA)	(NA)	(NA)	4		
	1967..	1,534	550.1	4	7	13	23	92	86	(X)		
	1966..	(NA)	585.9	4	7	(NA)	(NA)	(NA)	(NA)	5		
	1963..	1,786	505.2	5	7	12	22	92	84	(X)		
3272	Concrete products, n.e.c.....1972..	3,198	1,961.4	10	15	24	37	96	95	(X)		
	1970..	(NA)	1,495.7	11	17	(NA)	(NA)	(NA)	(NA)	3		
	1967..	3,055	1,201.1	11	17	28	39	96	94	(X)		
	1966..	(NA)	1,189.7	13	(S)	(NA)	(NA)	(NA)	(NA)	4		
	1963..	3,130	925.7	17	23	32	42	94	94	(X)		
3273	Ready-mixed concrete.....1972..	3,978	4,050.9	6	10	16	25	93	98	(X)		
	1970..	(NA)	3,142.6	6	10	(NA)	(NA)	(NA)	(NA)	3		
	1967..	4,032	2,684.2	6	9	16	24	93	98	(X)		
	1966..	(NA)	2,527.8	5	8	(NA)	(NA)	(NA)	(NA)	5		
	1963..	3,999	2,292.5	4	7	13	22	92	98	(X)		
	1958..	3,104	1,559.3	4	7	13	21	94	97	(X)		
3274	Lime.....1972..	68	238.1	37	53	79	99+	89	92	(X)		
	1970..	(NA)	201.2	36	54	(NA)	(NA)	(NA)	(NA)	4		
	1967..	78	176.5	35	54	79	99	87	93	(X)		
	1966..	(NA)	197.9	31	47	(NA)	(NA)	(NA)	(NA)	11		
	1963..	81	164.4	37	56	82	99	82	94	(X)		
	1958..	94	129.7	38	57	80	98	84	95	(X)		
	1954..	113	109.2	35	53	80	(NA)	84	97	(X)		
	1947..	132	72.8	30	47	69	(NA)	93	97	(X)		
3275	Gypsum products.....1972..	44	640.3	80	93	99+	100	95	99	(X)		
	1970..	(NA)	419.5	79	91	(NA)	(NA)	(NA)	(NA)	2		
	1967..	55	387.7	80	93	99+	99+	96	98	(X)		
	1966..	(NA)	394.4	80	95	(NA)	(NA)	(NA)	(NA)	2		
	1963..	60	425.1	84	97	99+	99+	97	98	(X)		
	1958..	72	350.6	88	96	98	99	97	98	(X)		
	1954..	48	282.2	90	97	99	100	95	98	(X)		
	1947..	33	127.5	85	94	99+	100	97	98	(X)		

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies				50 largest companies
MAJOR GROUP 32.--STONE, CLAY, AND GLASS PRODUCTS--Continued										
3281	Cut stone and stone products.....1972..	874	304.5	18	24	35	48	96	98	(X) ⁺
	1970..	(NA)	248.3	20	28	(NA)	(NA)	(NA)	(NA)	4
	1967..	776	236.4	18	27	37	51	95	99	(X)
	1966..	(NA)	224.2	17	25	(NA)	(NA)	(NA)	(NA)	14
	1963..	857	217.2	20	28	38	51	94	99	(X)
	1958..	959	198.5	16	24	32	44	96	97	(X)
	1954..	961	181.8	12	21	30	(NA)	93	99	(X)
	1947..	629	67.3	8	13	21	(NA)	100	98	(X)
3291	Abrasive products.....1972..	335	888.1	49	60	74	87	93	88	(X)
	1970..	(NA)	772.8	48	58	(NA)	(NA)	(NA)	(NA)	1
	1967..	320	725.3	48	57	71	85	91	85	(X)
	1966..	(NA)	1,015.6	56	63	(NA)	(NA)	(NA)	(NA)	4
	1963..	340	704.2	58	67	77	88	(D)	95	(X)
	1958..	318	466.6	58	68	77	88	83	96	(X)
	1954..	290	332.5	50	58	71	(NA)	94	87	(X)
	1947..	236	225.4	49	56	72	(NA)	94	86	(X)
	1935..	(NA)	(NA)	67	74	(NA)	(NA)	(NA)	(NA)	(X)
3292	Asbestos products ⁹¹.....1972..	88	763.4	50	71	91	99	91	88	(X)
	1970..	(NA)	587.0	54	75	(NA)	(NA)	(NA)	(NA)	1
	1967..	81	575.0	55	75	94	99+	93	90	(X)
	1966..	(NA)	591.1	56	74	(NA)	(NA)	(NA)	(NA)	2
	1963..	73	509.2	56	76	95	99+	95	91	(X)
	1958..	69	433.3	59	76	95	99	89	92	(X)
	1954..	74	346.2	60	77	(⁹²)	(⁹²)	87	93	(X)
	1947..	85	206.2	(⁹²)	(⁹²)	(⁹²)	(⁹²)	87	90	(X)
3293	Gaskets, packing and sealing devices ⁹³.....1972..	346	665.4	27	43	60	77	89	81	(X)
3295	Minerals, ground or treated.....1972..	345	412.0	25	36	54	75	95	89	(X)
	1970..	(NA)	384.8	25	36	(NA)	(NA)	(NA)	(NA)	3
	1967..	382	280.9	26	36	56	76	96	89	(X)
	1966..	(NA)	292.1	24	39	(NA)	(NA)	(NA)	(NA)	6
	1963..	313	204.4	24	38	59	79	94	86	(X)
3296	Mineral wool.....1972..	66	755.4	75	89	97	99+	93	93	(X)
	1970..	(NA)	524.9	73	85	(NA)	(NA)	(NA)	(NA)	1
	1967..	77	454.4	71	84	95	99	92	95	(X)
	1966..	(NA)	461.0	71	83	(NA)	(NA)	(NA)	(NA)	1
	1963..	89	391.9	67	83	95	99	90	96	(X)
3297	Nonclay refractories.....1972..	61	343.6	42	65	90	99+	94	84	(X)
	1970..	(NA)	353.8	38	60	(NA)	(NA)	(NA)	(NA)	2
	1967..	59	307.1	38	58	89	99+	90	88	(X)
	1966..	(NA)	333.1	42	61	(NA)	(NA)	(NA)	(NA)	2
	1963..	51	250.2	49	66	91	(D)	94	88	(X)
3299	Nonmetallic mineral products, n.e.c.....1972..	480	166.5	28	36	53	70	94	90	(X)
	1970..	(NA)	97.2	41	53	(NA)	(NA)	(NA)	(NA)	10
	1967..	325	99.9	37	49	66	82	82	89	(X)
	1966..	(NA)	115.9	35	(S)	(NA)	(NA)	(NA)	(NA)	11
	1963..	313	96.2	37	48	66	82	86	96	(X)
MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES										
3312	Blast furnaces and steel mills.....1972..	241	⁹¹⁰ 3,304.7	45	65	84	96	(⁹⁴)	(⁹⁴)	(X)
	1970..	(NA)	⁹⁹ 3,328.3	47	65	(NA)	(NA)	(NA)	(NA)	1
	1967..	200	⁹⁸ 8,910.1	48	66	83	96	(⁹⁴)	(⁹⁴)	(X)
	1966..	(NA)	⁹⁹ 8,643.6	49	66	(NA)	(NA)	(NA)	(NA)	2
	1963..	161	⁹⁷ 6,699.5	48	67	85	95	(⁹⁴)	(⁹⁴)	(X)
	1958..	148	⁹⁵ 9,980.0	53	70	84	96	(⁹⁴)	(⁹⁴)	(X)
	1954 ⁹⁵	(NA)	⁹⁵ 5,014.4	55	71	86	(NA)	(NA)	(NA)	(X)
	1947 ⁹⁵	(NA)	⁹² 8,444.6	50	66	81	(NA)	(NA)	(NA)	(X)
3313	Electrometallurgical products.....1972..	27	550.1	74	90	99+	100	85-90	⁹⁶ 87	(X)
	1970..	(NA)	515.7	77	93	(NA)	(NA)	(NA)	(NA)	1
	1967..	21	467.9	74	90	(D)	100	85-90	⁹⁶ 82	(X)
	1966..	(NA)	509.3	74	91	(NA)	(NA)	(NA)	(NA)	2
	1963..	20	382.1	79	95	100	(X)	85-90	⁹⁶ 77	(X)
	1958..	19	397.3	73	91	100	(X)	96	⁹⁶ 76	(X)
	1954..	17	271.8	77	93	100	(X)	92	⁹⁶ 68	(X)
	1947..	10	150.9	88	(D)	100	(X)	88	(NA)	(X)
3315	Steel wire and related products.....1972..	234	1,227.7	18	30	52	77	94	42	(X)
	1970..	(NA)	965.3	26	38	(NA)	(NA)	(NA)	(NA)	2
	1967..	200	845.2	24	34	53	78	90	37	(X)
	1966..	(NA)	799.6	26	38	(NA)	(NA)	(NA)	(NA)	2
	1963..	171	592.3	28	39	59	85	89	30	(X)
3316	Cold finishing of steel shapes.....1972..	85	1,635.7	40	56	82	99	91	29	(X)
	1970..	(NA)	1,122.1	35	52	(NA)	(NA)	(NA)	(NA)	3
	1967..	77	1,038.7	34	51	77	98	87	24	(X)
	1966..	(NA)	975.7	34	51	(NA)	(NA)	(NA)	(NA)	2
	1963..	59	751.6	36	55	82	99+	94	20	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry, and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES--Continued										
3317	Steel pipe and tubes.....1972..	115	1,292.1	23	40	70	92	93	42	(X)
	.....1970..	(NA)	1,026.9	25	40	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	123	1,148.6	26	41	72	92	89	38	(X)
	.....1966..	(NA)	1,072.3	26	43	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	114	809.0	27	42	71	93	91	37	(X)
3321	Gray iron foundries ⁹⁷.....1972..	893	3,876.5	34	45	59	71	94	87	(X)
	.....1970..	(NA)	3,034.9	30	40	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	969	2,637.8	27	36	50	64	93	86	(X)
	.....1966..	(NA)	2,728.2	27	37	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	1,062	1,984.9	28	37	51	65	93	88	(X)
	.....1958..	1,199	1,406.4	24	33	47	61	95	87	(X)
	.....1954..	1,321	1,418.9	26	34	46	(NA)	94	87	(X)
	.....1947..	1,554	1,173.0	16	24	35	(NA)	92	87	(X)
3322	Malleable iron foundries.....1972..	64	507.9	52	66	83	99	87	91	(X)
	.....1970..	(NA)	403.0	42	56	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	72	438.3	47	59	77	97	85	89	(X)
	.....1966..	(NA)	449.4	48	60	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	76	317.5	46	58	76	96	87	87	(X)
	.....1958..	73	210.8	42	56	73	96	87	90	(X)
	.....1954..	71	212.4	50	59	76	(NA)	86	89	(X)
	.....1947..	68	184.4	35	48	69	(NA)	88	91	(X)
3324	Steel investment foundries.....1972..	67	262.2	56	67	87	98	86	94	(X)
3325	Steel foundries, n.e.c.....1972..	225	1,067.4	24	37	58	79	89	88	(X)
	1967 industry 3323, Steel foundries (1972 industries 3324 and 3325).....1970..	(NA)	1,256.5	23	35	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	256	1,213.2	20	33	52	75	90	89	(X)
	.....1966..	(NA)	1,279.0	22	35	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	222	871.0	23	36	56	79	85	89	(X)
	.....1958..	209	590.7	25	37	56	77	86	86	(X)
	.....1954..	207	534.7	21	34	53	(NA)	88	87	(X)
	.....1947..	177	403.2	23	36	57	(NA)	89	83	(X)
3331	Primary copper.....1972..	11	⁹ 487.8	72	(D)	100	(X)	(⁹⁸)	(⁹⁸)	(X)
	.....1970..	(NA)	⁹ 673.0	75	98	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	15	⁹ 262.6	77	98	100	(X)	(⁹⁸)	(⁹⁸)	(X)
	.....1966..	(NA)	⁹ 362.5	71	97	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	13	⁹ 285.5	78	98	100	(X)	(⁹⁸)	(⁹⁸)	(X)
	.....1958..	11	⁹ 161.7	87	99	100	(X)	(⁹⁸)	(⁹⁸)	(X)
	.....1954..	10	⁹ 163.7	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(X)
	.....1947..	(¹⁰⁰)	⁹ 93.2	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(X)
3332	Primary lead.....1972..	12	⁹ 128.7	93	99+	100	(X)	(⁹⁸)	(⁹⁸)	(X)
	.....1970..	(NA)	⁹ 80.6	(D)	(D)	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	14	⁹ 48.3	(D)	(D)	100	(X)	(⁹⁸)	(⁹⁸)	(X)
	.....1966..	(NA)	⁹ 65.0	(D)	100	(X)	(X)	(NA)	(NA)	2
	.....1963..	6	⁹ 24.9	(D)	100	(X)	(X)	(⁹⁸)	(⁹⁸)	(X)
	.....1958..	5	⁹ 24.4	(D)	100	(X)	(X)	(⁹⁸)	(⁹⁸)	(X)
	.....1954..	5	⁹ 30.8	(D)	100	(X)	(X)	(⁹⁸)	(⁹⁸)	(X)
	.....1947..	6	⁹ 35.9	(D)	100	(X)	(X)	(⁹⁸)	(⁹⁸)	(X)
3333	Primary zinc.....1972..	11	376.4	66	(D)	100	(X)	87	⁹⁶ 70	(X)
	.....1970..	(NA)	372.5	57	90	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	11	332.8	59	90	100	(X)	88	⁹⁶ 80	(X)
	.....1966..	(NA)	379.9	60	91	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	11	281.5	57	90	100	(X)	92	⁹⁶ 81	(X)
	.....1958..	11	203.4	62	93	100	(X)	90	⁹⁶ 76	(X)
	.....1954..	13	230.5	56	87	100	(X)	87	(NA)	(X)
	.....1947..	14	191.0	53	82	100	(X)	(NA)	(NA)	(X)
3334	Primary aluminum.....1972..	12	1,959.8	79	92	100	(X)	94	⁹⁶ 76	(X)
	.....1970..	(NA)	1,757.9	(D)	(D)	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	10	1,608.7	(D)	(D)	100	(X)	97	⁹⁶ 75	(X)
	.....1966..	(NA)	1,496.2	(D)	100	(X)	(X)	(NA)	(NA)	2
	.....1963..	7	1,090.0	(D)	100	(X)	(X)	100	⁹⁶ 75	(X)
	.....1958..	6	801.7	(D)	100	(X)	(X)	100	⁹⁶ 76	(X)
	.....1954..	3	604.1	100	(X)	(X)	(X)	100	⁹⁶ 78	(X)
	.....1947..	3	161.0	100	(X)	(X)	(X)	(NA)	(NA)	(X)
3339	Primary nonferrous metals, n.e.c.....1972..	72	395.9	49	70	92	99+	84	⁹⁶ 27	(X)
	.....1970..	(NA)	492.3	61	78	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	41	284.4	60	86	98	100	87	⁹⁶ 40	(X)
	.....1966..	(NA)	309.2	53	71	(NA)	(NA)	(NA)	(NA)	4
	.....1963..	32	212.2	61	78	96	100	83	⁹⁶ 39	(X)
	.....1958..	24	96.5	62	86	99	100	92	⁹⁶ 24	(X)
	.....1954..	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(X)
	.....1947..	(¹⁰⁰)	24.3	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
	MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES--Continued									
3341	Secondary nonferrous metals.....1972..	324	2,097.2	24	40	62	81	98	⁹⁶ 28	(X)
	1970..	(NA)	1,802.6	26	41	(NA)	(NA)	(NA)	(NA)	2
	1967..	351	1,586.0	26	42	62	79	89	⁹⁶ 26	(X)
	1966..	(NA)	1,709.2	29	44	(NA)	(NA)	(NA)	(NA)	5
	1963..	406	1,045.5	29	42	58	75	94	⁹⁶ 26	(X)
	1958..	349	648.2	26	41	59	76	93	⁹⁶ 30	(X)
	1954..	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(X)
	1947..	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(X)
3351	Copper rolling and drawing.....1972..	103	3,098.8	39	61	83	97	89	93	(X)
	1970..	(NA)	2,920.9	44	65	(NA)	(NA)	(NA)	(NA)	1
	1967..	86	2,391.1	41	65	85	98	90	93	(X)
	1966..	(NA)	2,846.3	43	67	(NA)	(NA)	(NA)	(NA)	2
	1963..	81	1,657.5	45	67	87	99	90	91	(X)
3353	Aluminum sheet, plate, and foil.....1972..	24	2,685.2	65	84	99+	100	85	99	(X)
3354	Aluminum extruded products.....1972..	133	1,078.3	42	56	76	93	85	88	(X)
3355	Aluminum rolling and drawing, n.e.c.....1972..	14	343.4	73	96	100	(X)	86	⁹⁶ 42	(X)
	1967 industry 3352, Aluminum rolling and drawing (1972 industries 3353, 3354, and 3355).....1970..	(NA)	3,454.3	57	73	(NA)	(NA)	(NA)	(NA)	1
	1967..	155	2,958.9	65	79	89	96	89	⁹⁶ 89	(X)
	1966..	(NA)	3,099.8	65	78	(NA)	(NA)	(NA)	(NA)	3
	1963..	166	2,196.4	68	79	87	95	85	⁹⁶ 93	(X)
3356	Nonferrous rolling and drawing, n.e.c.....1972..	136	1,244.6	43	59	82	95	84	87	(X)
	1970..	(NA)	1,047.8	47	66	(NA)	(NA)	(NA)	(NA)	1
	1967..	115	984.0	49	67	85	98	89	⁹⁶ 84	(X)
	1966..	(NA)	1,051.1	46	68	(NA)	(NA)	(NA)	(NA)	3
	1963..	108	641.0	46	66	86	97	84	⁹⁶ 81	(X)
	1958..	120	467.6	43	64	84	97	77	⁹⁶ 82	(X)
	1954..	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(X)
	1947..	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(¹⁰⁰)	(X)
3357	Nonferrous wiredrawing and insulating.....1972..	202	4,412.3	41	58	80	92	94	⁹⁶ 89	(X)
	1970..	(NA)	4,143.8	45	62	(NA)	(NA)	(NA)	(NA)	1
	1967..	206	3,591.4	39	55	76	92	93	⁹⁶ 89	(X)
	1966..	(NA)	3,711.1	39	56	(NA)	(NA)	(NA)	(NA)	2
	1963..	210	2,117.9	44	62	79	92	91	⁹⁶ 86	(X)
3361	Aluminum foundries.....1972..	973	1,269.9	23	30	42	58	84	89	(X)
	1970..	(NA)	1,036.2	23	30	(NA)	(NA)	(NA)	(NA)	3
	1967..	970	920.5	24	31	42	55	83	85	(X)
	1966..	(NA)	916.8	25	32	(NA)	(NA)	(NA)	(NA)	8
	1963..	926	640.2	33	40	50	64	81	83	(X)
3362	Brass, bronze, and copper foundries.....1972..	490	465.3	20	28	42	60	84	81	(X)
	1970..	(NA)	474.3	21	29	(NA)	(NA)	(NA)	(NA)	5
	1967..	516	445.2	18	28	45	63	83	82	(X)
	1966..	(NA)	451.7	20	28	(NA)	(NA)	(NA)	(NA)	6
	1963..	535	287.5	18	27	44	61	84	78	(X)
3369	Nonferrous foundries, n.e.c.....1972..	324	588.6	25	35	52	71	83	79	(X)
	1970..	(NA)	487.6	25	37	(NA)	(NA)	(NA)	(NA)	3
	1967..	352	556.3	29	39	54	73	83	82	(X)
	1966..	(NA)	498.3	25	34	(NA)	(NA)	(NA)	(NA)	6
	1963..	386	302.7	18	26	44	66	78	75	(X)
3398	Metal heat treating.....1972..	885	467.4	16	24	35	48	(¹⁰¹)	(¹⁰¹)	(X)
3399	Primary metal products, n.e.c.....1972..	129	348.3	26	40	62	85	92	74	(X)
	1967 industry 3399.--Primary metal products, n.e.c. (1972 industries 3398 and 3399).....1970..	(NA)	582.4	13	20	(NA)	(NA)	(NA)	(NA)	3
	1967..	868	578.5	14	23	36	51	97	85	(X)
	1966..	(NA)	398.8	16	27	(NA)	(NA)	(NA)	(NA)	6
	1963..	695	284.7	17	28	41	55	93	87	(X)
	MAJOR GROUP 34.--FABRICATED METAL PRODUCTS									
3411	Metal cans.....1972..	134	4,510.8	66	79	92	99	96	99	(X)
	1970..	(NA)	3,912.7	72	83	(NA)	(NA)	(NA)	(NA)	1
	1967..	96	2,890.6	73	84	94	99	90	98	(X)
	1966..	(NA)	2,631.3	71	83	(NA)	(NA)	(NA)	(NA)	2
	1963..	99	2,075.0	74	85	95	99	97	98	(X)
	1958..	84	1,803.7	80	89	97	99	95	96	(X)
	1954..	¹⁰² 109	1,366.8	80	88	96	(NA)	98	99	(X)
	1947..	102	678.9	78	86	94	(NA)	97	99	(X)
	1935..	(NA)	(NA)	80	85	(NA)	(NA)	(NA)	(NA)	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
		MAJOR GROUP 34.--FABRICATED METAL PRODUCTS--Continued								
3412	Metal barrels, drums, and pails (1967 industry 3491).....	1972.. 99	461.3	38	52	75	97	97	86	(X)
		1970.. (NA)	400.9	39	54	(NA)	(NA)	(NA)	(NA)	2
		1967.. 91	370.7	36	54	77	97	92	88	(X)
		1966.. (NA)	361.7	39	55	(NA)	(NA)	(NA)	(NA)	5
		1963.. 95	303.4	40	56	77	97	92	86	(X)
3421	Cutlery.....	1972.. 123	427.5	55	67	83	97	91	94	(X)
		1970.. (NA)	354.7	61	71	(NA)	(NA)	(NA)	(NA)	3
		1967.. 138	378.5	69	77	87	97	79	95	(X)
		1966.. (NA)	373.6	66	76	(NA)	(NA)	(NA)	(NA)	4
		1963.. 156	283.4	66	76	87	96	89	97	(X)
		1958.. 181	176.8	53	65	78	92	91	96	(X)
		1954.. 179	169.8	49	61	77	(NA)	88	96	(X)
		1947.. 192	142.6	41	54	73	(NA)	93	94	(X)
3423	Hand and edge tools, n.e.c.....	1972.. 582	1,233.1	23	39	58	77	89	88	(X)
		1970.. (NA)	970.6	25	37	(NA)	(NA)	(NA)	(NA)	2
		1967.. 630	813.5	22	34	53	73	93	85	(X)
		1966.. (NA)	808.1	22	35	(NA)	(NA)	(NA)	(NA)	6
		1963.. 681	565.6	21	34	52	72	87	84	(X)
		1958 ¹⁰⁰ (NA)	402.4	19	30	(NA)	(NA)	(NA)	(NA)	(X)
3425	Handsaws and saw blades.....	1972.. 81	194.4	51	74	88	98	85	77	(X)
		1970.. (NA)	177.8	47	(S)	(NA)	(NA)	(NA)	(NA)	14
		1967.. 74	154.3	51	71	89	99	80	82	(X)
		1966.. (NA)	149.9	55	76	(NA)	(NA)	(NA)	(NA)	5
		1963.. 70	102.8	48	66	90	99	78	85	(X)
		1958.. 82	84.8	49	66	89	98	82	90	(X)
		1954.. 95	83.7	56	70	89	(NA)	71	90	(X)
		1947.. 81	70.4	66	75	90	(NA)	78	87	(X)
		1935.. (NA)	(NA)	63	76	(NA)	(NA)	(NA)	(NA)	(X)
3429	Hardware, n.e.c.....	1972.. 963	3,239.4	35	43	57	71	94	94	(X)
		1970.. (NA)	2,485.8	30	38	(NA)	(NA)	(NA)	(NA)	2
		1967.. 979	2,368.3	38	45	58	70	91	95	(X)
		1966.. (NA)	2,343.8	38	45	(NA)	(NA)	(NA)	(NA)	2
		1963.. 1,025	1,785.1	39	45	57	70	91	93	(X)
3431	Metal sanitary ware.....	1972.. 86	370.2	49	67	87	99	84	91	(X)
		1970.. (NA)	369.2	46	65	(NA)	(NA)	(NA)	(NA)	1
		1967.. 83	251.2	51	69	90	99	83	89	(X)
		1966.. (NA)	262.3	47	67	(NA)	(NA)	(NA)	(NA)	2
		1963.. 75	234.9	49	68	91	99	84	91	(X)
3432	Plumbing fittings and brass goods.....	1972.. 211	708.2	26	42	66	88	90	90	(X)
		1970.. (NA)	465.4	30	46	(NA)	(NA)	(NA)	(NA)	5
		1967.. 210	404.7	28	43	64	88	93	86	(X)
		1966.. (NA)	396.3	32	43	(NA)	(NA)	(NA)	(NA)	6
		1963.. 247	333.8	30	41	60	83	90	83	(X)
3433	Heating equipment, except electric ¹⁰⁴	1972.. 409	1,058.4	22	31	48	70	82	88	(X)
		1970.. (NA)	1,256.7	19	30	(NA)	(NA)	(NA)	(NA)	2
		1967.. 496	1,069.0	22	33	50	71	77	80	(X)
		1966.. (NA)	1,167.3	16	26	(NA)	(NA)	(NA)	(NA)	4
		1963.. 611	1,019.8	16	27	45	66	76	81	(X)
3441	Fabricated structural metal.....	1972.. 2,010	3,920.1	10	14	23	36	89	93	(X)
		1970.. (NA)	3,139.0	13	18	(NA)	(NA)	(NA)	(NA)	2
		1967.. 1,865	2,967.8	13	18	26	38	89	91	(X)
		1966.. (NA)	2,601.7	14	20	(NA)	(NA)	(NA)	(NA)	3
		1963.. 1,636	1,916.0	15	20	28	41	86	89	(X)
3442	Metal doors, sash, and trim.....	1972.. 1,391	2,077.6	12	19	33	50	90	91	(X)
		1970.. (NA)	1,588.7	11	17	(NA)	(NA)	(NA)	(NA)	5
		1967.. 1,540	1,413.6	10	16	26	42	91	94	(X)
		1966.. (NA)	1,397.2	10	16	(NA)	(NA)	(NA)	(NA)	3
		1963.. 1,712	1,253.8	8	13	23	38	88	94	(X)
3443	Fabricated platework (boiler shops).....	1972.. 1,349	3,339.0	29	35	46	58	92	87	(X)
		1970.. (NA)	2,980.2	30	37	(NA)	(NA)	(NA)	(NA)	1
		1967.. 1,346	2,688.5	30	36	48	59	91	85	(X)
		1966.. (NA)	2,323.3	28	35	(NA)	(NA)	(NA)	(NA)	2
		1963.. 1,301	1,623.0	25	34	48	59	89	93	(X)
3444	Sheet metalwork.....	1972.. 2,959	2,680.0	9	15	24	36	90	84	(X)
		1970.. (NA)	2,035.8	9	14	(NA)	(NA)	(NA)	(NA)	4
		1967.. 2,942	1,812.4	10	16	26	39	88	83	(X)
		1966.. (NA)	1,834.8	11	17	(NA)	(NA)	(NA)	(NA)	3
		1963.. 3,139	1,303.7	11	16	24	35	88	78	(X)
		1958.. 3,066	973.8	15	20	27	39	88	83	(X)
		1954.. 2,363	738.5	19	28	36	(NA)	81	80	(X)
		1947.. 1,665	420.5	21	29	38	(NA)	83	82	(X)
		1935.. (NA)	(NA)	17	26	(NA)	(NA)	(NA)	(NA)	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ --						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
	MAJOR GROUP 34.--FABRICATED METAL PRODUCTS--Continued									
3446	Architectural metalwork.....1972..	1,431	573.7	14	21	33	48	88	81	(X)
	.....1970..	(NA)	489.0	16	25	(NA)	(NA)	(NA)	(NA)	5
	.....1967..	1,360	484.9	28	36	48	62	83	77	(X)
	.....1966..	(NA)	342.0	15	21	(NA)	(NA)	(NA)	(NA)	5
	.....1963..	1,326	269.3	13	19	32	50	86	71	(X)
3448	Prefabricated metal buildings.....1972..	145	608.9	35	52	76	93	89	90	(X)
3449	Miscellaneous metalwork.....1972..	332	980.4	27	41	60	79	91	76	(X)
	1967 industry 3449.--Miscellaneous metalwork (1972 industries 3448 and 3449).....1970..	(NA)	1,451.6	18	30	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	594	1,082.0	21	31	47	69	89	77	(X)
	.....1966..	(NA)	1,014.5	24	36	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	649	704.2	25	35	53	71	89	68	(X)
3451	Screw machine products.....1972..	1,780	1,063.8	6	9	16	26	96	90	(X)
	.....1970..	(NA)	1,048.4	(S)	(S)	(NA)	(NA)	(NA)	(NA)	7
	.....1967..	1,847	1,021.5	6	9	17	28	96	90	(X)
	.....1966..	(NA)	949.0	4	7	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	1,861	589.0	5	8	15	26	97	90	(X)
	.....1958..	1,784	415.3	9	12	19	30	95	86	(X)
	.....1954..	1,791	401.5	11	15	23	(NA)	93	82	(X)
	.....1947..	1,205	222.0	17	20	29	(NA)	94	86	(X)
3452	Bolts, nuts, rivets, and washers.....1972..	581	2,027.6	16	25	42	66	93	91	(X)
	.....1970..	(NA)	1,646.0	17	27	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	577	1,643.9	18	27	47	68	94	90	(X)
	.....1966..	(NA)	1,661.8	18	28	(NA)	(NA)	(NA)	(NA)	4
	.....1963..	504	1,218.2	18	27	47	68	92	90	(X)
	.....1958..	470	844.5	17	27	45	67	88	89	(X)
	.....1954..	421	699.5	15	25	45	(NA)	91	89	(X)
	.....1947..	339	463.8	20	31	52	(NA)	92	86	(X)
3462	Iron and steel forgings.....1972..	252	1,416.1	29	40	57	79	92	10568	(X)
	.....1970..	(NA)	1,184.5	31	40	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	248	1,261.6	30	40	57	77	90	10572	(X)
	.....1966..	(NA)	1,273.1	31	42	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	248	868.9	30	39	56	77	89	10569	(X)
	.....1958..	287	675.4	31	39	56	77	86	10572	(X)
	.....1954..	247	595.4	27	38	59	(NA)	88	73	(X)
	.....1947..	240	370.1	24	35	54	(NA)	95	77	(X)
	.....1935..	(NA)	(NA)	21	32	(NA)	(NA)	(NA)	(NA)	(X)
3463	Nonferrous forgings.....1972..	40	222.5	71	81	96	100	84	63	(X)
	.....1970..	(NA)	326.4	67	80	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	37	333.1	77	85	97	100	67	54	(X)
	.....1966..	(NA)	311.4	78	85	(NA)	(NA)	(NA)	(NA)	5
	.....1963..	32	165.1	84	91	99	100	69	55	(X)
3465	Automotive stampings.....1972..	388	5,286.0	69	72	79	87	92	92	(X)
3466	Crowns and closures.....1972..	42	343.5	49	72	92	100	88	83	(X)
3469	Metal stampings, n.e.c.....1972..	2,283	2,688.8	9	14	23	36	86	85	(X)
	1967 industry 3461.--Metal stampings (1972 industries 3465, 3466, and 3469) ¹⁰⁶....1970..	(NA)	6,453.5	40	46	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	2,564	5,893.7	39	44	51	60	89	91	(X)
3471	Plating and polishing.....1972..	3,179	1,034.5	5	8	15	24	(107)	(107)	(X)
	.....1970..	(NA)	966.6	(S)	(S)	(NA)	(NA)	(NA)	(NA)	5
	.....1967..	3,170	791.1	5	9	15	24	(107)	(107)	(X)
	.....1966..	(NA)	719.8	5	8	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	2,968	517.6	5	8	14	22	(107)	(107)	(X)
	.....1958..	2,588	353.5	5	7	12	21	(107)	(107)	(X)
	.....1954..	2,423	304.4	10	13	20	(NA)	(107)	(107)	(X)
	.....1947..	1,789	180.7	15	20	28	(NA)	(107)	(107)	(X)
	.....1935..	(NA)	(NA)	12	17	(NA)	(NA)	(NA)	(NA)	(X)
3479	Metal coating and allied services.....1972..	1,427	701.8	15	23	36	49	(107)	(107)	(X)
	.....1970..	(NA)	532.3	17	(S)	(NA)	(NA)	(NA)	(NA)	6
	.....1967..	1,393	471.3	18	26	37	50	(107)	(107)	(X)
	.....1966..	(NA)	469.1	15	24	(NA)	(NA)	(NA)	(NA)	7
	.....1963..	1,227	322.1	17	26	39	54	(107)	(107)	(X)
	.....1958..	986	194.4	21	28	(NA)	(NA)	(107)	(107)	(X)
3482	Small arms ammunition ¹⁰⁸.....1972..	57	438.0	89	95	99	99+	98	98	(X)
3483	Ammunition, except for small arms, n.e.c. ¹⁰⁸ ..1972..	78	1,477.9	44	62	85	99	87	88	(X)
3484	Small arms ¹⁰⁸.....1972..	75	393.5	53	74	96	99+	91	98	(X)
3489	Ordnance and accessories, n.e.c. ¹⁰⁸.....1972..	75	477.7	54	76	93	99+	83	72	(X)
3493	Steel springs, except wire.....1972..	99	331.4	45	62	86	98	81	73	(X)
	.....1970..	(NA)	265.5	43	62	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	105	192.4	36	53	82	97	88	63	(X)
	.....1966..	(NA)	162.2	41	62	(NA)	(NA)	(NA)	(NA)	5
	.....1963..	91	157.7	44	63	85	98	91	67	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ²	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
		Total	Percent accounted for by ⁴ —							
		(number)	(million dollars)	4 largest companies	8 largest companies	20 largest companies	50 largest companies			
		MAJOR GROUP 34.--FABRICATED METAL PRODUCTS--Continued								
3494	Valves and pipe fittings.....1972..	643	2,956.9	11	21	41	63	89	86	(X)
	1970..	(NA)	2,678.7	14	23	(NA)	(NA)	(NA)	(NA)	2
	1967..	575	2,274.5	14	23	42	65	87	88	(X)
	1966..	(NA)	2,209.0	13	23	(NA)	(NA)	(NA)	(NA)	2
	1963..	580	1,588.5	13	23	41	62	86	85	(X)
	1958..	535	1,196.5	17	27	46	66	87	88	(X)
	1954..	523	959.0	17	27	47	(NA)	75	86	(X)
	1947..	436	633.8	24	32	50	(NA)	82	90	(X)
3495	Wire springs.....1972..	206	611.9	26	38	60	80	88	93	(X)
3496	Miscellaneous fabricated wire products.....1972..	1,157	959.7	11	17	29	47	93	10545	(X)
	1967 industry 3481.--Miscellaneous Fabricated Wire Products (1972 industries 3495 and 3496).1970..	(NA)	1,253.7	11	17	(NA)	(NA)	(NA)	(NA)	3
	1967..	1,430	1,220.4	11	17	28	44	93	10559	(X)
	1966..	(NA)	1,299.9	13	19	(NA)	(NA)	(NA)	(NA)	4
	1963..	1,464	1,030.9	13	19	31	46	93	10565	(X)
	1958..	1,373	836.9	13	22	33	48	93	10562	(X)
	1954..	1,205	744.8	18	26	40	(NA)	89	63	(X)
	1947..	853	466.0	20	31	48	(NA)	91	60	(X)
	1935..	(NA)	(NA)	23	35	(NA)	(NA)	(NA)	(NA)	(X)
3497	Metal foil and leaf.....1972..	54	282.0	45	61	86	99+	79	42	(X)
	1970..	(NA)	283.7	45	65	(NA)	(NA)	(NA)	(NA)	2
	1967..	59	265.5	43	65	87	99+	85	56	(X)
	1966..	(NA)	165.9	43	66	(NA)	(NA)	(NA)	(NA)	3
	1963..	56	151.6	54	73	90	99+	86	41	(X)
3498	Fabricated pipe and fittings.....1972..	374	704.4	21	32	54	73	94	90	(X)
	1970..	(NA)	547.2	17	28	(NA)	(NA)	(NA)	(NA)	5
	1967..	356	508.1	17	27	48	68	95	90	(X)
	1966..	(NA)	463.0	13	22	(NA)	(NA)	(NA)	(NA)	3
	1963..	328	305.6	17	28	48	71	92	91	(X)
	1958..	269	296.6	24	39	55	75	90	92	(X)
	1954..	237	225.9	27	42	62	(NA)	92	88	(X)
	1947..	206	116.0	22	36	59	(NA)	82	83	(X)
3499	Fabricated metal products, n.e.c. (1967 industries 3492, 3496, and 3499).....1972..	2,255	1,938.6	16	22	33	47	89	74	(X)
	1967 industry 3492.--Safes and Vaults.....1970..	(NA)	191.5	(S)	(S)	(NA)	(NA)	(NA)	(NA)	2
	1967..	28	98.7	(D)	96	99+	100	87	85-90	(X)
	1966..	(NA)	91.8	(D)	(D)	(NA)	(NA)	(NA)	(NA)	6
	1963..	28	78.0	(D)	(D)	99+	100	81	90-95	(X)
	1958..	31	57.3	91	95	99+	100	78	97	(X)
	1954..	25	40.0	90	96	99+	100	87	97	(X)
	1947..	26	29.2	85	94	99+	100	98	98	(X)
	1935..	(NA)	(NA)	84	97	(NA)	(NA)	(NA)	(NA)	(X)
	1967 industry 3496.--Collapsible Tubes.....1970..	(NA)	84.5	67	(S)	(NA)	(NA)	(NA)	(NA)	1
	1967..	15	65.0	61	92	100	(X)	80	100	(X)
	1966..	(NA)	65.0	54	86	(NA)	(NA)	(NA)	(NA)	6
	1963..	18	51.0	58	92	100	(X)	88	100	(X)
	1958..	18	41.4	54	86	100	(X)	91	100	(X)
	1954..	19	36.9	52	82	100	(X)	93	100	(X)
	1947..	19	27.0	53	81	100	(X)	91	100	(X)
	1935..	(NA)	(NA)	52	79	(NA)	(NA)	(NA)	(NA)	(X)
	1967 industry 3499.--Fabricated Metal Products, n.e.c.....1970..	(NA)	1,189.9	15	22	(NA)	(NA)	(NA)	(NA)	4
	1967..	1,233	981.7	14	21	34	50	90	71	(X)
	1966..	(NA)	850.3	16	23	(NA)	(NA)	(NA)	(NA)	5
	1963..	1,254	573.2	16	22	34	49	89	62	(X)
	1958..	962	316.1	19	29	42	59	88	62	(X)
	1954..	1,017	237.8	18	29	43	(NA)	85	53	(X)
	1947..	430	73.2	31	43	58	(NA)	90	60	(X)
		MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL								
3511	Turbines and turbine generator sets.....1972..	59	2,189.0	90	96	99	100	92	90	(X)
	1970..	(NA)	1,791.0	77	88	(NA)	(NA)	(NA)	(NA)	1
	1967..	20	1,043.2	76	82	100	(X)	83	78	(X)
	1966..	(NA)	867.2	87	98	(NA)	(NA)	(NA)	(NA)	2
	1963..	17	616.4	93	98	100	(X)	85	82	(X)
3519	Internal combustion engines, n.e.c.....1972..	145	3,326.1	50	70	92	99	91	86	(X)
	1970..	(NA)	2,673.7	51	74	(NA)	(NA)	(NA)	(NA)	1
	1967..	129	2,093.2	47	64	89	99	89	83	(X)
	1966..	(NA)	2,052.5	52	69	(NA)	(NA)	(NA)	(NA)	2
	1963..	120	1,473.6	49	65	89	99	86	86	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
			MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued							
3523	Farm machinery and equipment (1967 industry 3522, part).....1972 ¹⁰⁹	1,465	4,529.7	47	61	69	78	90	94	(X)
3524	Lawn and garden equipment (1967 industry 3522, part).....1972..	100	1,059.1	34	53	78	95	90	82	(X)
	1967 industry 3522.--Farm machinery (1972 SIC industries 3523 and 3524).....1970..	(NA)	4,367.3	40	51	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	1,526	4,299.9	44	56	68	77	92	94	(X)
	.....1966..	(NA)	4,332.0	45	59	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	1,481	2,842.2	43	55	67	77	89	95	(X)
3531	Construction machinery ⁸.....1972..	644	6,091.0	43	54	72	86	90	93	(X)
	.....1970..	(NA)	4,888.1	42	53	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	578	4,138.0	41	53	72	85	88	92	(X)
	.....1966..	(NA)	3,767.8	45	57	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	561	2,696.0	42	53	70	84	91	89	(X)
3532	Mining machinery.....1972..	220	771.4	41	55	72	89	87	81	(X)
	.....1970..	(NA)	688.8	36	50	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	197	622.2	37	52	73	89	78	82	(X)
	.....1966..	(NA)	630.4	34	52	(NA)	(NA)	(NA)	(NA)	4
	.....1963..	198	417.6	35	53	74	91	75	82	(X)
3533	Oilfield machinery ⁸.....1972..	257	1,207.1	28	42	64	90	82	92	(X)
	.....1970..	(NA)	1,063.7	23	37	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	309	799.8	21	36	60	82	85	92	(X)
	.....1966..	(NA)	846.0	24	39	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	373	666.5	25	37	57	80	90	91	(X)
3534	Elevators and moving stairways.....1972..	135	483.6	55	68	82	94	97	96	(X)
	.....1970..	(NA)	467.8	61	(S)	(NA)	(NA)	(NA)	(NA)	3
	.....1967 ¹¹⁰	130	319.7	55	67	81	94	94	95	(X)
	.....1966..	(NA)	352.6	63	74	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	126	318.6	62	73	85	95	97	95	(X)
	.....1958..	135	189.4	62	71	82	93	97	80	(X)
	.....1954..	127	161.0	66	74	83	(NA)	87	89	(X)
	.....1947..	108	101.8	63	73	84	(NA)	92	91	(X)
3535	Conveyors and conveying equipment.....1972..	457	969.8	22	32	50	69	90	88	(X)
	.....1970..	(NA)	878.2	24	34	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	416	736.0	29	39	56	74	85	83	(X)
	.....1966..	(NA)	725.4	29	39	(NA)	(NA)	(NA)	(NA)	6
	.....1963..	428	494.6	28	39	60	78	82	83	(X)
3536	Hoists, cranes, and monorails ¹¹¹.....1972..	176	527.3	30	46	71	89	78	84	(X)
	.....1970..	(NA)	477.2	39	55	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	139	444.4	44	61	80	93	78	83	(X)
	.....1966..	(NA)	437.3	44	62	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	120	220.0	36	53	79	95	80	70	(X)
3537	Industrial trucks and tractors.....1972..	363	1,035.4	50	66	77	88	96	91	(X)
	.....1970..	(NA)	905.8	52	67	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	337	778.0	48	62	76	81	93	86	(X)
	.....1966..	(NA)	792.1	49	63	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	304	447.0	54	64	77	88	90	81	(X)
	.....1958..	251	255.0	52	64	77	88	92	84	(X)
	.....1954..	234	245.1	50	62	77	(NA)	88	83	(X)
	.....1947..	191	162.2	57	69	81	(NA)	84	84	(X)
3541	Machine tools, metal cutting types.....1972..	857	1,418.1	22	33	55	75	86	90	(X)
	.....1970..	(NA)	1,829.2	24	37	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	865	2,127.2	21	33	54	77	86	90	(X)
	.....1966..	(NA)	1,826.1	22	34	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	784	1,060.8	20	32	52	74	81	88	(X)
	.....1958..	608	684.8	21	32	52	74	82	90	(X)
	.....1954..	627	1,146.9	19	29	52	(NA)	84	93	(X)
	.....1947..	312	493.9	20	30	50	(NA)	77	86	(X)
3542	Machine tools, metal forming types.....1972..	375	693.6	18	33	54	75	89	87	(X)
	.....1970..	(NA)	760.2	23	39	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	344	714.0	23	38	63	82	85	84	(X)
	.....1966..	(NA)	727.7	24	38	(NA)	(NA)	(NA)	(NA)	4
	.....1963..	362	441.4	22	39	61	80	86	79	(X)
3544	Special dies, tools, jigs, and fixtures.....1972..	6,513	2,426.7	7	10	14	21	94	78	(X)
	.....1970..	(NA)	2,478.9	7	9	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	6,532	2,202.3	4	7	12	19	94	74	(X)
	.....1966..	(NA)	2,217.9	5	8	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	5,850	1,388.8	6	9	14	21	93	72	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³					Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
	MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued									
3545	Machine tool accessories.....1972..	1,113	1,249.0	19	30	47	63	86	88	(X)
	1970..	(NA)	1,206.3	21	32	(NA)	(NA)	(NA)	(NA)	2
	1967..	1,073	1,309.9	20	32	47	64	85	85	(X)
	1966..	(NA)	1,230.3	20	32	(NA)	(NA)	(NA)	(NA)	4
	1963..	983	787.3	17	29	46	63	83	84	(X)
3546	Power driven handtools (1967 industry 3548, part).....1972..	71	730.5	48	70	93	99	82	92	(X)
3547	Rolling mill machinery (1967 industry 3548, part).....1972..	40	327.8	69	88	96	100	74	86	(X)
3549	Metalworking machinery, n.e.c. (1967 industry 3548, part).....1972..	384	427.8	15	27	50	72	86	88	(X)
	1967 industry 3548.--Metalworking machinery, n.e.c. (1972 SIC industries 3546, 3547, and 3549).....1970..	(NA)	1,230.9	25	37	(NA)	(NA)	(NA)	(NA)	3
	1967..	409	1,158.1	26	41	66	84	86	88	(X)
	1966..	(NA)	1,148.0	25	40	(NA)	(NA)	(NA)	(NA)	3
	1963..	420	796.3	25	40	64	85	85	88	(X)
3551	Food products machinery.....1972..	636	1,000.1	18	27	42	62	90	89	(X)
	1970..	(NA)	916.2	21	(S)	(NA)	(NA)	(NA)	(NA)	2
	1967..	611	830.2	22	34	49	66	88	86	(X)
	1966..	(NA)	827.3	21	32	(NA)	(NA)	(NA)	(NA)	3
	1963..	649	640.5	22	33	47	65	86	87	(X)
	1958..	657	429.5	16	27	43	61	86	84	(X)
	1954..	650	404.3	16	29	46	(NA)	84	86	(X)
	1947..	605	327.7	18	27	43	(NA)	89	82	(X)
3552	Textile machinery.....1972..	535	822.8	31	46	61	75	94	96	(X)
	1970..	(NA)	793.0	33	49	(NA)	(NA)	(NA)	(NA)	2
	1967..	524	711.7	31	48	65	78	94	95	(X)
	1966..	(NA)	820.3	33	51	(NA)	(NA)	(NA)	(NA)	4
	1963..	529	542.7	35	52	67	80	93	94	(X)
	1958..	507	363.2	34	49	64	79	87	94	(X)
	1954..	517	336.8	32	46	63	(NA)	89	93	(X)
	1947..	470	403.4	30	44	59	(NA)	95	93	(X)
	1935..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(X)
3553	Woodworking machinery.....1972..	229	488.0	40	53	70	87	90	91	(X)
	1970..	(NA)	385.6	36	51	(NA)	(NA)	(NA)	(NA)	4
	1967..	232	314.4	37	51	70	88	83	87	(X)
	1966..	(NA)	382.5	32	45	(NA)	(NA)	(NA)	(NA)	3
	1963..	245	252.8	35	48	65	83	80	83	(X)
	1958..	251	204.7	39	52	69	85	79	86	(X)
	1954..	247	167.2	37	52	72	(NA)	84	81	(X)
	1947..	(²⁴)	153.4	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(X)
3554	Paper industries machinery.....1972..	203	447.8	32	46	65	85	85	86	(X)
	1970..	(NA)	535.2	(S)	(S)	(NA)	(NA)	(NA)	(NA)	3
	1967..	206	551.4	43	54	72	90	92	86	(X)
	1966..	(NA)	502.8	37	51	(NA)	(NA)	(NA)	(NA)	2
	1963..	204	403.9	41	53	74	92	88	90	(X)
	1958..	192	292.4	47	58	78	92	93	90	(X)
	1954..	163	196.6	34	46	69	(NA)	85	86	(X)
	1947..	144	151.1	28	42	66	(NA)	85	89	(X)
3555	Printing trades machinery.....1972..	523	823.5	42	51	66	82	97	91	(X)
	1970..	(NA)	750.6	48	58	(NA)	(NA)	(NA)	(NA)	1
	1967..	485	752.3	48	57	72	86	98	94	(X)
	1966..	(NA)	649.1	46	58	(NA)	(NA)	(NA)	(NA)	2
	1963..	463	448.4	44	53	68	83	95	93	(X)
	1958..	421	279.1	42	53	68	82	97	92	(X)
	1954..	342	248.7	38	57	73	(NA)	95	90	(X)
	1947..	300	199.4	31	48	70	(NA)	95	94	(X)
	1935..	(NA)	(NA)	32	47	(NA)	(NA)	(NA)	(NA)	(X)
3559	Special industry machinery, n.e.c. ¹¹².....1972..	1,310	2,603.9	20	27	42	59	81	81	(X)
	1970..	(NA)	1,990.5	11	17	(NA)	(NA)	(NA)	(NA)	1
	1967..	1,085	1,833.0	13	21	35	54	82	81	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)			
			Total (million dollars)	Percent accounted for by ⁴ —								
				4 largest companies	8 largest companies	20 largest companies				50 largest companies		
			MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued									
3561	Pumps and pumping equipment (1967 industry 3561, part).....1972..	492	1,917.3	17	27	49	75	83	86	(X)		
3563	Air and gas compressors (1967 industry 3561, part).....1972..	66	858.1	47	72	94	99	83	90	(X)		
	1967 industry 3561.--Pumps and compressors (1972 industries 3561 and 3563).....1970..	(NA)	2,520.3	23	35	(NA)	(NA)	(NA)	(NA)	1		
	1967..	480	2,207.5	26	37	56	75	87	88	(X)		
	1966..	(NA)	2,151.1	27	38	(NA)	(NA)	(NA)	(NA)	2		
	1963..	589	1,419.1	26	36	55	75	85	86	(X)		
3562	Ball and roller bearings.....1972..	99	1,530.5	53	73	89	99	94	99	(X)		
	1970..	(NA)	1,314.6	54	74	(NA)	(NA)	(NA)	(NA)	1		
	1967..	85	1,328.5	54	73	90	99	97	97	(X)		
	1966..	(NA)	1,398.9	56	74	(NA)	(NA)	(NA)	(NA)	2		
	1963..	93	998.8	57	76	91	99	97	98	(X)		
	1958..	85	638.9	57	77	92	99	97	98	(X)		
	1954..	83	537.2	60	79	92	(NA)	98	98	(X)		
	1947..	78	365.6	62	79	93	(NA)	94	96	(X)		
3564	Blowers and fans.....1972..	360	805.2	26	37	59	80	79	84	(X)		
	1970..	(NA)	670.6	24	37	(NA)	(NA)	(NA)	(NA)	3		
	1967..	271	525.2	23	37	62	84	85	82	(X)		
	1966..	(NA)	444.3	25	39	(NA)	(NA)	(NA)	(NA)	7		
	1963..	225	315.3	27	43	67	88	83	79	(X)		
	1958..	197	250.5	28	43	66	86	83	79	(X)		
	1954..	208	261.8	31	49	68	(NA)	83	76	(X)		
	1947..	187	140.7	39	54	72	(NA)	75	78	(X)		
3565	Industrial patterns.....1972..	1,017	198.0	7	13	23	36	95	78	(X)		
	1970..	(NA)	210.5	(S)	(S)	(NA)	(NA)	(NA)	(NA)	8		
	1967..	1,156	201.8	9	14	24	39	96	80	(X)		
	1966..	(NA)	233.0	(S)	(S)	(NA)	(NA)	(NA)	(NA)	9		
	1963..	1,206	140.7	9	14	24	37	96	80	(X)		
3566	Speed changers, drives, and gears (1967 industry 3566, part).....1972..	330	632.7	27	41	62	80	88	89	(X)		
3568	Power transmission equipment, n.e.c. (1967 industry 3566, part).....1972..	125	876.4	36	58	75	92	87	74	(X)		
	1967 industry 3566.--Power transmission equipment (1972 industries 3566 and 3568)....1970..	(NA)	1,386.8	25	41	(NA)	(NA)	(NA)	(NA)	1		
	1967..	476	1,263.4	25	39	57	73	90	83	(X)		
	1966..	(NA)	1,314.1	25	39	(NA)	(NA)	(NA)	(NA)	2		
	1963..	498	888.6	24	36	57	75	84	79	(X)		
3567	Industrial furnaces and ovens.....1972..	253	443.2	30	43	66	83	78	91	(X)		
	1970..	(NA)	454.9	34	48	(NA)	(NA)	(NA)	(NA)	4		
	1967..	246	495.7	36	50	68	85	87	88	(X)		
	1966..	(NA)	401.0	35	48	(NA)	(NA)	(NA)	(NA)	4		
	1963..	229	279.1	28	42	62	84	84	79	(X)		
3569	General industrial machinery, n.e.c. ¹¹².....1972..	864	1,171.9	10	17	31	51	85	81	(X)		
	1970..	(NA)	1,032.6	13	23	(NA)	(NA)	(NA)	(NA)	4		
	1967..	725	901.2	10	19	36	56	85	79	(X)		
3572	Typewriters.....1972..	(¹¹³)	(¹¹³)	(¹¹³)	(¹¹³)	(¹¹³)	(¹¹³)	(¹¹³)	(¹¹³)	(X)		
	1970..	(NA)	635.1	(S)	(S)	(NA)	(NA)	(NA)	(NA)	1		
	1967..	20	595.5	81	99	100	(X)	86	99	(X)		
	1966..	(NA)	533.9	79	99	(NA)	(NA)	(NA)	(NA)	2		
	1963..	17	315.4	76	99	100	(X)	85	99	(X)		
	1958..	15	230.1	79	99	100	(X)	82	99-100	(X)		
	1954..	15	173.4	83	99	100	(X)	80	97	(X)		
	1947..	23	153.9	79	96	100	(X)	90-100	97-100	(X)		
	1935..	(NA)	(NA)	(NA)	99	(NA)	(NA)	(NA)	(NA)	(X)		
3573	Electronic computing equipment ¹¹⁴.....1972..	518	⁹³ 3,418.9	51	63	78	90	92	91	(X)		
	1970..	(NA)	⁹² 2,816.9	57	78	(NA)	(NA)	(NA)	(NA)	1		
	1967..	134	⁹¹ 1,926.4	66	83	92	98	(¹¹⁵)	(¹¹⁵)	(X)		
3574	Calculating and accounting machines ¹¹⁴.....1972..	74	637.2	73	89	98	100	97	86	(X)		
	1970..	(NA)	887.9	83	91	(NA)	(NA)	(NA)	(NA)	1		
	1967..	132	707.8	83	90	95	99	85	84	(X)		
3576	Scales and balances, except laboratory.....1972..	86	200.4	50	68	88	99	92	95	(X)		
	1970..	(NA)	157.3	62	76	(NA)	(NA)	(NA)	(NA)	3		
	1967..	69	140.2	53	72	92	99	93	96	(X)		
	1966..	(NA)	130.7	50	69	(NA)	(NA)	(NA)	(NA)	8		
	1963..	81	98.5	50	69	88	99	92	97	(X)		

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
			MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued							
3579	Office machines, n.e.c.....1972..	113 206	113 1,296.1	113 60	113 75	113 88	113 96	113 79	113 87	(X)
	1970..	(NA)	605.3	67	78	(NA)	(NA)	(NA)	(NA)	2
	1967..	170	516.6	63	74	87	96	89	77	(X)
	1966..	(NA)	466.4	57	69	(NA)	(NA)	(NA)	(NA)	6
	1963..	158	349.2	59	71	85	96	81	79	(X)
3581	Automatic merchandising machines.....1972..	116	324.4	51	68	89	97	94	92	(X)
	1970..	(NA)	247.3	57	73	(NA)	(NA)	(NA)	(NA)	3
	1967..	143	248.0	60	74	87	96	97	88	(X)
	1966..	(NA)	279.5	61	77	(NA)	(NA)	(NA)	(NA)	2
	1963..	148	238.0	55	72	84	95	81	90	(X)
3582	Commercial laundry equipment ¹¹⁶.....1972..	100	157.0	53	65	82	97	91	70	(X)
	1970..	(NA)	165.3	57	(S)	(NA)	(NA)	(NA)	(NA)	5
	1967..	109	183.1	51	63	83	97	92	79	(X)
	1966..	(NA)	190.5	51	(S)	(NA)	(NA)	(NA)	(NA)	5
	1963..	107	136.8	47	57	77	96	91	89	(X)
	1958..	113	111.7	51	66	83	96	94	95	(X)
	1954..	101	88.1	51	67	81	(NA)	83	93	(X)
	1947..	119	4.4	59	69	81	(NA)	94	94	(X)
3585	Refrigeration and heating equipment ¹⁰⁴.....1972..	655	⁹ 3,517.4	40	53	70	85	(³)	(³)	(X)
	1967 industry 3585.--Refrigeration machinery ¹⁰⁴.....1970..	(NA)	⁹ 1,990.2	31	48	(NA)	(NA)	(NA)	(NA)	1
	1967..	624	⁹ 1,479.8	31	45	62	78	(¹¹⁵)	(¹¹⁵)	(X)
	1966..	(NA)	⁹ 1,235.7	34	49	(NA)	(NA)	(NA)	(NA)	2
	1963..	655	⁹ 892.7	25	39	58	77	(¹¹⁵)	(¹¹⁵)	(X)
3586	Measuring and dispensing pumps.....1972..	54	232.3	51	75	94	100	71	83	(X)
	1970..	(NA)	201.8	58	83	(NA)	(NA)	(NA)	(NA)	1
	1967..	46	174.7	56	83	97	100	71	80	(X)
	1966..	(NA)	206.9	48	77	(NA)	(NA)	(NA)	(NA)	2
	1963..	42	159.5	46	80	97	100	73	85	(X)
	1958..	32	110.5	52	85	99	100	66	90	(X)
	1954..	(¹¹⁷)	104.4	(¹¹⁷)	(¹¹⁷)	(¹¹⁷)	(¹¹⁷)	(¹¹⁷)	(¹¹⁷)	(X)
	1947..	51	125.1	49	76	97	(D)	76	98	(X)
3589	Service industry machines, n.e.c.....1972..	669	913.8	12	22	39	62	90	87	(X)
	1970..	(NA)	708.7	14	26	(NA)	(NA)	(NA)	(NA)	2
	1967..	554	598.1	14	24	44	66	89	88	(X)
	1966..	(NA)	570.8	15	26	(NA)	(NA)	(NA)	(NA)	4
	1963..	496	378.3	14	26	46	67	86	84	(X)
3592	Carburetors, pistons, rings, valves ⁸.....1972..	98	744.3	53	71	92	98	81	74	(X)
	1967 product class 35991.--Carburetors (new), pistons and piston rings, and valves (1972 industry 3592).....1967..	(NA)	499.9	39	62	88	97	93	94	(X)
3599	Machinery, except electrical, n.e.c. ⁸.....1972..	16,220	3,665.2	4	5	8	13	93	94	(X)
	1967 industry 3599.--Miscellaneous machinery, except electrical (1972 industries 3592 and 3599) ⁸.....1970..	(NA)	3,957.4	7	12	(NA)	(NA)	(NA)	(NA)	3
	1967..	15,055	3,712.0	7	11	17	24	93	94	(X)
	1966..	(NA)	2,864.8	6	11	(NA)	(NA)	(NA)	(NA)	3
	1963..	12,032	2,036.3	8	12	20	27	90	90	(X)
			MAJOR GROUP 36.--ELECTRIC AND ELECTRONIC EQUIPMENT							
3612	Transformers.....1972..	168	1,461.9	59	75	90	97	96	97	(X)
	1970..	(NA)	1,392.5	59	76	(NA)	(NA)	(NA)	(NA)	1
	1967..	150	1,188.4	65	78	92	97	95	98	(X)
	1966..	(NA)	1,053.0	66	80	(NA)	(NA)	(NA)	(NA)	2
	1963..	144	722.9	68	79	93	98	92	94	(X)
	1958..	153	639.1	71	84	94	98	94	93	(X)
	1954..	152	686.1	78	89	95	(NA)	87	94	(X)
	1947..	134	357.0	73	84	93	(NA)	85	91	(X)
3613	Switchgear and switchboard apparatus.....1972..	462	2,123.5	51	65	79	89	91	89	(X)
	1970..	(NA)	1,890.3	52	66	(NA)	(NA)	(NA)	(NA)	2
	1967..	398	1,690.0	51	65	78	88	89	90	(X)
	1966..	(NA)	1,549.0	52	67	(NA)	(NA)	(NA)	(NA)	2
	1963..	338	1,093.7	51	65	79	89	87	89	(X)
3621	Motors and generators.....1972..	325	2,501.7	47	59	78	90	91	81	(X)
	1970..	(NA)	2,475.2	50	62	(NA)	(NA)	(NA)	(NA)	1
	1967..	320	2,402.3	48	60	74	87	83	83	(X)
	1966..	(NA)	2,288.8	48	57	(NA)	(NA)	(NA)	(NA)	2
	1963..	316	1,709.8	50	59	73	88	81	84	(X)
	1958..	317	1,359.7	47	56	72	88	83	88	(X)
	1954..	266	1,389.1	50	59	75	(NA)	82	84	(X)
	1947..	224	995.6	59	66	80	(NA)	81	92	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
	MAJOR GROUP 36.--ELECTRIC AND ELECTRONIC EQUIPMENT--Continued									
3622	Industrial controls.....1972..	545	1,424.1	44	59	74	85	79	84	(X)
	1970..	(NA)	1,170.8	47	62	(NA)	(NA)	(NA)	(NA)	3
	1967..	456	1,102.8	49	63	77	88	83	81	(X)
	1966..	(NA)	1,049.0	50	65	(NA)	(NA)	(NA)	(NA)	2
	1963..	421	648.7	56	69	91	90	79	79	(X)
3623	Welding apparatus, electric.....1972..	154	659.6	41	60	77	94	84	92	(X)
	1970..	(NA)	505.9	45	64	(NA)	(NA)	(NA)	(NA)	2
	1967..	133	493.3	38	53	78	93	91	94	(X)
	1966..	(NA)	533.8	38	53	(NA)	(NA)	(NA)	(NA)	4
	1963..	133	330.2	41	54	79	94	93	89	(X)
	1958..	123	234.7	39	52	78	95	93	92	(X)
	1954..	111	168.8	39	52	76	(NA)	90	92	(X)
	1947..	103	103.7	46	58	79	(NA)	93	89	(X)
3624	Carbon and graphite products.....1972..	58	397.4	80	91	98	99+	95	98	(X)
	1970..	(NA)	369.6	87	94	(NA)	(NA)	(NA)	(NA)	1
	1967..	49	296.4	86	93	98	100	96	96	(X)
	1966..	(NA)	283.2	88	93	(NA)	(NA)	(NA)	(NA)	3
	1963..	40	226.9	83	92	98	100	93	96	(X)
	1958..	34	154.5	87	92	99	100	97	95	(X)
	1954..	43	111.0	86	93	98	100	98	94	(X)
	1947..	36	68.7	87	93	99	100	95	95	(X)
3629	Electrical industrial apparatus, n.e.c.....1972..	245	449.4	31	47	65	83	85	80	(X)
	1970..	(NA)	409.9	35	49	(NA)	(NA)	(NA)	(NA)	4
	1967..	212	328.8	33	45	61	83	84	67	(X)
	1966..	(NA)	369.4	33	45	(NA)	(NA)	(NA)	(NA)	6
	1963..	226	238.3	38	51	67	84	80	72	(X)
3631	Household cooking equipment.....1972..	74	939.8	60	73	90	99+	91	74	(X)
	1970..	(NA)	656.5	61	76	(NA)	(NA)	(NA)	(NA)	1
	1967..	66	551.9	56	72	90	99+	92	77	(X)
	1966..	(NA)	548.5	54	71	(NA)	(NA)	(NA)	(NA)	2
	1963..	77	473.5	51	68	88	99+	87	72	(X)
3632	Household refrigerators and freezers.....1972..	30	1,719.7	85	98	99+	100	75-80	80-85	(X)
	1970..	(NA)	2,022.1	82	99	(NA)	(NA)	(NA)	(NA)	1
	1967..	31	1,785.4	73	93	99+	100	59	99	(X)
	1966..	(NA)	1,674.9	72	93	(NA)	(NA)	(NA)	(NA)	2
	1963..	31	1,306.5	74	91	99+	100	66	99	(X)
3633	Household laundry equipment.....1972..	20	1,356.5	83	98	100	(X)	88	91	(X)
	1970..	(NA)	1,081.0	83	97	(NA)	(NA)	(NA)	(NA)	1
	1967..	25	982.5	78	95	99+	100	87	90	(X)
	1966..	(NA)	946.9	79	95	(NA)	(NA)	(NA)	(NA)	2
	1963..	31	760.2	78	95	99+	100	89	87	(X)
	1958..	34	722.2	71	90	99	100	91	91	(X)
	1954..	48	527.5	68	85	99	100	93	81	(X)
	1947..	59	442.3	40	65	91	(NA)	90	91	(X)
	1935..	(NA)	(NA)	56	79	(NA)	(NA)	(NA)	(NA)	(X)
3634	Electric housewares and fans.....1972..	247	1,613.3	43	60	76	91	88	91	(X)
	1970..	(NA)	1,275.5	45	59	(NA)	(NA)	(NA)	(NA)	1
	1967..	248	1,112.0	52	63	80	94	90	86	(X)
	1966..	(NA)	1,127.8	50	61	(NA)	(NA)	(NA)	(NA)	2
	1963..	286	850.3	41	59	78	92	87	81	(X)
3635	Household vacuum cleaners.....1972..	34	467.7	75	91	99	100	80	85	(X)
	1970..	(NA)	346.1	79	97	(NA)	(NA)	(NA)	(NA)	1
	1967..	34	293.2	76	94	99	100	75	84	(X)
	1966..	(NA)	252.6	78	98	(NA)	(NA)	(NA)	(NA)	2
	1963..	34	175.4	81	96	99	100	87	80	(X)
3636	Sewing machines.....1972..	72	159.6	84	92	97	99+	95-100	93	(X)
	1970..	(NA)	135.9	80	(S)	(NA)	(NA)	(NA)	(NA)	2
	1967..	83	123.6	81	92	97	99+	95-99	96	(X)
	1966..	(NA)	120.8	(D)	(S)	(NA)	(NA)	(NA)	(NA)	4
	1963..	83	117.2	(D)	93	97	99+	90-95	96	(X)
	1958..	80	95.4	(D)	93	97	99	97	94	(X)
	1954..	78	112.0	81	91	96	(NA)	91	94	(X)
	1947..	69	97.0	77	87	97	(NA)	95	94	(X)
	1935..	(NA)	(NA)	78	90	(NA)	(NA)	(NA)	(NA)	(X)
3639	Household appliances, n.e.c.....1972..	70	681.9	57	76	94	99+	93	96	(X)
	1970..	(NA)	535.8	46	67	(NA)	(NA)	(NA)	(NA)	1
	1967..	71	479.9	44	65	92	99+	87	79	(X)
	1966..	(NA)	448.9	45	67	(NA)	(NA)	(NA)	(NA)	2
	1963..	102	435.5	41	61	86	98	79	79	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³					Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
MAJOR GROUP 36.--ELECTRIC AND ELECTRONIC EQUIPMENT--Continued										
3641	Electric lamps.....1972..	103	1,095.7	90	94	98	99+	95	96	(X)
	.....1970..	(NA)	891.5	92	97	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	72	781.8	91	95	99	99+	94	95	(X)
	.....1966..	(NA)	742.0	93	97	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	6054	574.5	92	96	99	(D)	95	96	(X)
	.....1958..	35	409.5	92	97	99+	100	94	98	(X)
	.....1954..	35	326.3	93	97	99+	100	94	99	(X)
	.....1947..	35	203.2	92	96	99+	100	94	100	(X)
3643	Current-carrying wiring devices.....1972..	355	1,218.7	30	46	65	83	83	81	(X)
	.....1970..	(NA)	1,008.9	32	47	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	351	837.0	32	48	67	83	78	78	(X)
	.....1966..	(NA)	811.3	32	48	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	431	616.0	28	44	64	82	80	83	(X)
3644	Noncurrent-carrying wiring devices.....1972..	149	886.4	24	41	67	91	81	78	(X)
	.....1970..	(NA)	789.4	24	40	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	158	637.9	26	42	68	93	74	82	(X)
	.....1966..	(NA)	673.9	22	36	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	168	479.0	22	39	66	91	77	80	(X)
3645	Residential lighting fixtures (1967 industry 3642, Lighting fixtures, part).....1972..	665	767.2	28	35	46	59	97	93	(X)
3646	Commercial lighting fixtures (1967 industry 3642, Lighting fixtures, part).....1972..	206	718.7	25	40	64	85	90	91	(X)
3647	Vehicular lighting fixtures (1967 industry 3642, Lighting fixtures, part).....1972..	46	499.8	78	89	97	100	68	94	(X)
3648	Lighting Equipment, n.e.c. (1967 industry 3642, Lighting fixtures, part).....1972..	172	466.5	29	46	73	90	86	79	(X)
	1967 industry 3642, Lighting fixtures (1972 in- dustries 3645, 3646, 3647, and 3648).....1970..	(NA)	1,976.0	20	30	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	1,148	1,593.6	19	29	41	56	93	94	(X)
	.....1966..	(NA)	1,544.1	18	28	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	1,203	1,159.5	17	26	38	54	93	93	(X)
	.....1958..	1,180	798.5	16	23	33	49	89	92	(X)
	.....1954..	1,211	641.6	20	28	39	(NA)	90	90	(X)
	.....1947..	1,198	465.4	18	26	39	(NA)	90	89	(X)
3651	Radio and TV receiving sets.....1972..	343	4,440.1	49	71	86	96	95	99	(X)
	.....1970..	(NA)	3,594.8	48	67	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	303	3,846.3	49	69	85	95	94	99	(X)
	.....1966..	(NA)	4,117.4	48	68	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	322	2,254.9	41	62	82	94	91	96	(X)
3652	Phonograph records.....1972..	537	567.7	48	61	76	85	98	99	(X)
	.....1970..	(NA)	437.5	62	73	(NA)	(NA)	(NA)	(NA)	6
	.....1967..	306	276.4	58	67	81	92	99	96	(X)
	.....1966..	(NA)	218.4	71	79	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	128	180.2	69	75	85	94	99	97	(X)
	.....1958..	85	138.6	76	83	90	98	97	98	(X)
	.....1954..	135	84.7	70	80	88	(NA)	94	97	(X)
	.....1947..	96	110.2	79	87	94	(NA)	96	99	(X)
3661	Telephone and telegraph apparatus.....1972..	157	⁹ 2,650.1	(D)	(D)	98	99+	91	99	(X)
	.....1970..	(NA)	⁹ 2,246.6	94	99	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	82	⁹ 1,536.7	92	96	99	99+	88	96	(X)
	.....1966..	(NA)	⁹ 1,431.8	94	97	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	65	⁹ 1,013.8	92	96	99	99+	(⁹⁸)	(⁹⁸)	(X)
	.....1958..	44	⁹ 749.7	92	97	99+	100	(⁹⁸)	(⁹⁸)	(X)
	.....1954..	56	⁹ 497.8	90	95	(NA)	(NA)	(⁹⁸)	(⁹⁸)	(X)
	.....1947..	50	⁹ 384.4	(¹¹⁸)	(¹¹⁸)	(¹¹⁸)	(¹¹⁸)	(⁹⁸)	(⁹⁸)	(X)
3662	Radio and TV communication equipment.....1972..	1,524	9,140.2	19	33	58	77	91	91	(X)
	.....1970..	(NA)	9,330.8	19	33	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	1,111	8,555.8	22	37	61	81	89	92	(X)
	.....1966..	(NA)	7,562.6	24	39	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	1,001	7,145.6	29	45	69	84	88	91	(X)
3671	Electron tubes, receiving type.....1972..	21	230.4	95	99+	(D)	100	83	94	(X)
	.....1970..	(NA)	252.8	95	99	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	28	300.6	94	99	99+	100	85	94	(X)
	.....1966..	(NA)	336.1	95	99+	(NA)	(NA)	(NA)	(NA)	1
	.....1963..	30	321.1	87	99	99+	100	89	95	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)			
			Total (million dollars)	Percent accounted for by ⁴ —								
				4 largest companies	8 largest companies	20 largest companies				50 largest companies		
			MAJOR GROUP 36.--ELECTRIC AND ELECTRONIC EQUIPMENT--Continued									
3672	Cathode ray television picture tubes.....1972..	69	696.5	83	97	99+	99+	91	98	(X)		
	1970..	(NA)	519.1	88	97	(NA)	(NA)	(NA)	(NA)	1		
	1967..	95	832.3	84	98	99+	99+	92	98	(X)		
	1966..	(NA)	812.4	89	(D)	(NA)	(NA)	(NA)	(NA)	2		
	1963..	148	269.1	91	95	97	99	85-90	90	(X)		
3673	Electron tubes, transmitting.....1972..	43	479.3	55	80	98	100	68	84	(X)		
	1970..	(NA)	392.4	65	86	(NA)	(NA)	(NA)	(NA)	3		
	1967..	43	369.4	70	87	98	100	79	72	(X)		
	1966..	(NA)	369.9	57	77	(NA)	(NA)	(NA)	(NA)	3		
	1963..	45	299.5	52	77	96	100	80	75	(X)		
3674	Semiconductors and related devices.....1972..	289	2,704.8	57	70	82	94	89	92	(X)		
	1970..	(NA)	1,473.2	49	65	(NA)	(NA)	(NA)	(NA)	1		
	1967..	141	1,141.0	47	65	85	98	92	87	(X)		
	1966..	(NA)	1,123.7	51	70	(NA)	(NA)	(NA)	(NA)	2		
	1963..	86	687.8	46	65	90	99	88	92	(X)		
3675	Electronic capacitors (1967 industry 3679, part).....1972..	79	445.8	42	61	85	97	90	87	(X)		
3676	Electronic resistors (1967 industry 3679, part).....1972..	67	372.2	43	65	86	99+	90	74	(X)		
3677	Electronic coils and transformers (1967 industry 3679, part).....1972..	216	354.1	14	24	45	71	87	79	(X)		
3678	Electronic connectors (1967 industry 3679, part).....1972..	75	483.3	55	71	87	98	87	81	(X)		
3679	Electronic components, n.e.c. (1967 industry 3679, part).....1972..	1,744	3,046.6	36	41	51	63	80	72	(X)		
	1967 industry 3679, Electronic components, n.e.c., (1972 industries 3675, 3676, 3677, 3678, and 3679).....1970..	(NA)	4,586.7	31	38	(NA)	(NA)	(NA)	(NA)	2		
	1967..	1,775	4,809.5	32	38	51	65	83	85	(X)		
	1966..	(NA)	4,001.8	22	29	(NA)	(NA)	(NA)	(NA)	2		
	1963..	1,743	2,332.2	13	21	35	54	89	78	(X)		
3691	Storage batteries.....1972..	138	968.6	57	85	93	98	98	99	(X)		
	1970..	(NA)	783.0	56	83	(NA)	(NA)	(NA)	(NA)	1		
	1967..	154	577.5	61	83	93	98	98	97	(X)		
	1966..	(NA)	615.7	60	80	(NA)	(NA)	(NA)	(NA)	3		
	1963..	169	516.5	59	78	92	97	98	99	(X)		
	1958..	206	366.6	64	81	91	96	99	100	(X)		
	1954..	244	341.4	64	80	90	(NA)	100	100	(X)		
	1947..	205	297.7	62	78	87	(NA)	90	99	(X)		
3692	Primary batteries, dry and wet.....1972..	30	348.1	92	97	99+	100	95	98	(X)		
	1970..	(NA)	329.5	85	96	(NA)	(NA)	(NA)	(NA)	1		
	1967..	32	307.6	85	95	99+	100	97	86	(X)		
	1966..	(NA)	277.0	88	97	(NA)	(NA)	(NA)	(NA)	2		
	1963..	26	195.3	89	98	99+	100	96	91	(X)		
	1958..	24	134.9	84	95	99+	100	99	98	(X)		
	1954..	20	121.8	78	93	100	(X)	98	98	(X)		
	1947..	23	85.0	76	95	99+	100	90-100	98-100	(X)		
3693	X-ray apparatus and tubes.....1972..	95	443.7	54	75	90	99	95	92	(X)		
	1970..	(NA)	256.3	59	(S)	(NA)	(NA)	(NA)	(NA)	3		
	1967..	78	233.2	62	77	92	99+	93	86	(X)		
	1966..	(NA)	240.4	67	85	(NA)	(NA)	(NA)	(NA)	5		
	1963..	56	143.7	67	79	93	99+	83	80	(X)		
	1958..	126	77.2	63	74	87	96	85	82	(X)		
	1954..	129	79.9	51	69	87	(NA)	81	91	(X)		
	1947..	114	59.5	58	75	90	(NA)	94	93	(X)		
3694	Engine electrical equipment.....1972..	266	2,035.0	65	78	89	96	79	87	(X)		
	1970..	(NA)	1,569.9	66	75	(NA)	(NA)	(NA)	(NA)	2		
	1967..	239	1,364.7	68	77	89	96	81	85	(X)		
	1966..	(NA)	1,342.5	72	81	(NA)	(NA)	(NA)	(NA)	(X)		
	1963..	163	900.7	69	79	88	97	93	81	(X)		
	1958..	147	565.7	66	78	91	95	81	85	(X)		
	1954..	154	587.1	62	83	90	(NA)	85	87	(X)		
	1947..	100	357.8	67	81	93	(NA)	89	91	(X)		
3699	Electrical equipment and supplies, n.e.c.....1972..	968	501.8	21	30	45	62	91	52	(X)		
	1970..	(NA)	416.3	26	37	(NA)	(NA)	(NA)	(NA)	9		
	1967..	528	290.8	23	34	52	73	93	96 50	(X)		
	1966..	(NA)	319.3	30	40	(NA)	(NA)	(NA)	(NA)	4		
	1963..	245	190.0	38	48	64	81	90	96 49	(X)		

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
	MAJOR GROUP 37.--TRANSPORTATION EQUIPMENT									
3711	Motor vehicles and car bodies.....1972..	165	42,905.6	93	99	99+	99+	96	100	(X)
	1970..	(NA)	27,750.7	91	97	(NA)	(NA)	(NA)	(NA)	1
	1967..	107	27,296.0	92	98	99+	99+	96	99	(X)
3713	Truck and bus bodies.....1972..	729	1,564.4	26	34	48	64	90	91	(X)
	1970..	(NA)	935.5	22	31	(NA)	(NA)	(NA)	(NA)	2
	1967..	620	706.1	21	30	47	65	85	92	(X)
	1966..	(NA)	718.6	17	26	(NA)	(NA)	(NA)	(NA)	5
	1963..	594	476.7	22	32	50	66	88	86	(X)
	1958..	548	292.4	21	31	49	68	87	87	(X)
	1954..	555	256.9	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	86	87	(X)
	1947..	599	242.3	22	31	48	(NA)	79	90	(X)
3714	Motor vehicle parts and accessories.....1972..	1,748	18,333.5	61	69	78	86	94	86	(X)
	1970..	(NA)	13,073.2	58	66	(NA)	(NA)	(NA)	(NA)	1
	1967..	1,424	11,623.8	60	68	78	87	96	99	(X)
	Motor vehicles and motor vehicle parts and accessories ^{119 120}.....1970..	(NA)	⁹ 13,780.3	72	77	(NA)	(NA)	(NA)	(NA)	(X)
	1967..	(NA)	⁹ 13,065.6	76	81	(NA)	(NA)	(NA)	(NA)	(X)
	1966..	(NA)	⁹ 14,476.6	77	81	(NA)	(NA)	(NA)	(NA)	(X)
	1963..	1,655	⁹ 11,433.9	77	82	88	93	(NA)	(NA)	(X)
3715	Truck trailers.....1972..	215	1,117.9	45	60	77	91	96	94	(X)
	1970..	(NA)	777.5	49	63	(NA)	(NA)	(NA)	(NA)	2
	1967..	147	713.9	48	64	82	95	94	91	(X)
	1966..	(NA)	795.6	53	66	(NA)	(NA)	(NA)	(NA)	2
	1963..	175	515.7	59	69	81	93	92	93	(X)
	1958..	155	324.6	52	63	77	93	84	83	(X)
	1954..	115	305.5	57	68	84	(NA)	82	93	(X)
	1947..	107	155.7	56	67	83	(NA)	81	87	(X)
3721	Aircraft.....1972..	141	¹²² 8,779.3	66	86	99	99+	86	96	(X)
	1970..	(NA)	¹²³ 10,996.2	65	87	(NA)	(NA)	(NA)	(NA)	1
	1967..	91	¹²³ 5,447.6	69	89	99	99+	83	97	(X)
	1966..	(NA)	¹²³ 4,674.6	67	88	(NA)	(NA)	(NA)	(NA)	2
	1963..	82	¹²³ 3,542.7	59	83	99	99+	69	96	(X)
	1958..	¹⁰² 113	¹²³ 3,375.9	59	83	99	99+	81	95	(X)
	1954..	(¹²¹)	¹²³ 3,348.9	(¹²¹)	(¹²¹)	(¹²¹)	(¹²¹)	(¹²¹)	(¹²¹)	(X)
	1947..	(¹²¹)	¹²³ 606.0	(¹²¹)	(¹²¹)	(¹²¹)	(¹²¹)	(¹²¹)	(¹²¹)	(X)
3724	Aircraft engines and engine parts (1967 industry 3722, part).....1972..	189	3,640.2	77	87	94	97	87	94	(X)
	1967 industry 3722, Aircraft engines and engine parts (1972 industries 3724 and 3764).....1970..	(NA)	5,150.2	68	81	(NA)	(NA)	(NA)	(NA)	1
	1967..	205	5,289.7	64	81	93	97	88	92	(X)
	1966..	(NA)	4,424.6	60	79	(NA)	(NA)	(NA)	(NA)	2
	1963..	194	4,024.9	57	79	94	99+	87	93	(X)
	1958..	186	3,359.3	56	77	92	97	94	93	(X)
	1954..	202	3,189.0	62	81	93	(NA)	93	91	(X)
	1947..	54	464.6	72	88	98	(NA)	90	95	(X)
3728	Aircraft equipment, n.e.c. (1967 industry 3729, Aircraft equipment, n.e.c., part).....1972..	649	3,031.9	33	51	69	84	77	66	(X)
	1967 industry 3729, Aircraft equipment, n.e.c., part (1972 industries 3728 and 3729) ¹²⁴.....1970..	(NA)	3,846.4	27	44	(NA)	(NA)	(NA)	(NA)	1
	1967..	825	4,694.4	25	41	60	76	78	64	(X)
	1966..	(NA)	3,992.3	24	39	(NA)	(NA)	(NA)	(NA)	2
	1963..	(NA)	3,359.4	38	52	65	79	(NA)	(NA)	(X)
3731	Shipbuilding and repairing.....1972..	415	¹²³ 3,281.0	47	63	81	91	98	98	(X)
	1970..	(NA)	¹²³ 2,534.1	46	65	(NA)	(NA)	(NA)	(NA)	1
	1967..	389	¹²³ 2,518.2	42	59	77	90	95	98	(X)
	1966..	(NA)	¹²³ 2,338.9	42	61	(NA)	(NA)	(NA)	(NA)	2
	1963..	305	¹²³ 1,679.8	48	63	81	92	92	99	(X)
	1958..	293	¹²³ 1,626.3	48	66	80	91	93	99	(X)
	1954..	328	¹²³ 1,077.9	43	58	74	(NA)	92	99	(X)
	1947..	272	¹²³ 802.6	43	55	73	(NA)	94	98	(X)
3732	Boatbuilding and repairing.....1972..	1,725	1,048.2	14	23	38	54	97	96	(X)
	1970..	(NA)	673.5	15	24	(NA)	(NA)	(NA)	(NA)	4
	1967..	1,565	571.4	19	27	41	57	96	91	(X)
	1966..	(NA)	485.1	20	29	(NA)	(NA)	(NA)	(NA)	4
	1963..	1,596	360.2	21	29	42	56	97	95	(X)
	1958..	1,622	310.2	18	25	37	52	94	95	(X)
	1954..	1,146	154.4	21	28	39	(NA)	93	85	(X)
	1947..	798	114.4	31	41	53	(NA)	83	88	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
MAJOR GROUP 37.--TRANSPORTATION EQUIPMENT--Continued										
3743	Railroad equipment (1967 industry 3741, Locomotives and parts and industry 3742, Railroad and street cars).....1972..	128	2,446.2	56	70	90	98	92	95	(X)
	1967 industry 3741, Locomotive and parts (1972 industry 3743, part).....1970..	(NA)	(¹²⁵)	(¹²⁵)	(¹²⁵)	(NA)	(NA)	(NA)	(NA)	
	1967..	26	689.6	97	99	99+	100	80	92	(X)
	1966..	(NA)	700.7	98	99	(NA)	(NA)	(NA)	(NA)	2
	1963..	23	437.9	97	99	99+	100	83	90	(X)
	1958..	25	387.4	95	99	99+	100	85	90	(X)
	1954..	25	428.3	91	98	99+	100	82	95	(X)
	1947..	33	355.2	91	95	99	100	95	83	(X)
	1967 industry 3742, Railroad and street cars (1972 industry 3743, part).....1970..	(NA)	¹²⁵ 2,159.6	¹²⁵ 52	¹²⁵ 68	(NA)	(NA)	(NA)	(NA)	1
	1967..	79	1,420.9	53	69	90	99+	95	95	(X)
	1966..	(NA)	1,695.7	50	69	(NA)	(NA)	(NA)	(NA)	2
	1963..	68	927.2	53	73	93	99+	91	93	(X)
	1958..	55	554.4	58	81	97	99+	88	91	(X)
	1954..	47	495.8	64	81	98	100	83	86	(X)
	1947..	68	726.2	56	72	92	(NA)	91	91	(X)
3751	Motorcycles, bicycles, and parts (1967 industry 3751, part) ⁸.....1972..	219	659.5	65	78	92	97	81	95	(X)
	1970..	(NA)	404.8	57	72	(NA)	(NA)	(NA)	(NA)	7
	1967..	87	299.6	57	76	95	99+	89	96	(X)
	1966..	(NA)	261.1	57	78	(NA)	(NA)	(NA)	(NA)	4
	1963..	85	192.9	56	77	94	99+	83	93	(X)
	1958..	49	118.3	58	81	97	99+	84	93	(X)
	1954..	44	95.6	50	77	97	100	86	92	(X)
	1947..	75	163.7	42	68	92	(NA)	87	89	(X)
	1935..	(NA)	(NA)	60	90	(NA)	(NA)	(NA)	(NA)	(X)
3761	Guided missiles and space vehicles (1967 industry 1925).....1972..	23	4,123.7	62	88	(D)	100	81	95	(X)
3764	Space propulsion units and parts (1967 industry 3722, part).....1972..	22	716.3	59	92	(D)	100	91	87	(X)
3769	Space vehicle equipment, n.e.c. (1967 industry 3729, part).....1972..	45	788.2	70	85	97	100	79	68	(X)
3792	Travel trailers and campers (1967 industry 3791, part).....1972..	943	1,342.4	21	29	43	59	92	94	(X)
2451	Mobile homes (1967 industry 3791, part).....1972..	352	3,242.9	26	37	56	77	99	99	(X)
	Trailer coaches (1972 industries 3792 and 2451).1970..	(NA)	2,652.5	22	33	(NA)	(NA)	(NA)	(NA)	5
	1967..	708	1,324.5	19	31	48	67	99	99	(X)
	1966..	(NA)	1,089.3	21	33	(NA)	(NA)	(NA)	(NA)	6
	1963..	348	713.1	22	37	53	71	98	99	(X)
3795	Tanks and tank components (1967 industry 1931).1972..	18	272.2	99	99	100	(X)	95	77	(X)
3799	Transportation equipment, n.e.c. ¹²⁷.....1972..	444	654.6	28	38	53	73	93	74	(X)
MAJOR GROUP 38.--INSTRUMENTS AND RELATED PRODUCTS										
3811	Engineering and scientific instruments.....1972..	703	1,042.0	22	33	50	68	86	72	(X)
	1970..	(NA)	1,150.9	26	38	(NA)	(NA)	(NA)	(NA)	4
	1967..	642	1,000.8	28	38	56	71	88	73	(X)
	1966..	(NA)	748.7	29	41	(NA)	(NA)	(NA)	(NA)	3
	1963..	571	553.9	29	40	58	75	84	56	(X)
3822	Environmental controls.....1972..	117	728.1	57	76	93	99	86	90	(X)
	1970..	(NA)	642.2	56	81	(NA)	(NA)	(NA)	(NA)	1
	1967..	88	618.0	56	75	96	99+	81	81	(X)
	1966..	(NA)	628.5	59	77	(NA)	(NA)	(NA)	(NA)	2
	1963..	89	527.4	55	75	96	99+	82	95	(X)
3823	Process control instruments (1967 industry 3821, part) ¹²⁷.....1972..	175	906.9	35	53	75	89	83	83	(X)
3824	Fluid meters and counting devices (1967 industry 3821, part).....1972..	51	296.2	57	77	95	(D)	90	79	(X)
	1967 industry 3821.--Mechanical measuring devices (1972 industries 3823, 3824, and 3829) ¹²⁷.....1970..	(NA)	1,607.4	21	36	(NA)	(NA)	(NA)	(NA)	2
	1967..	605	1,455.1	20	34	58	79	86	82	(X)
	1966..	(NA)	1,428.5	21	33	(NA)	(NA)	(NA)	(NA)	2
	1963..	510	1,143.5	22	36	61	81	90	23	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
	MAJOR GROUP 38.--INSTRUMENTS AND RELATED PRODUCTS--Continued									
3825	Instruments to measure electricity (1967 industry 3611) ⁸.....1972..	606	1,493.5	38	49	64	79	82	88	(X)
	.....1970..	(NA)	1,309.9	38	48	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	502	1,184.0	35	45	61	77	84	79	(X)
	.....1966..	(NA)	1,020.5	36	48	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	536	749.2	34	47	65	81	84	78	(X)
3829	Measuring and controlling devices, n.e.c. (1967 industry 3821, part).....1972..	579	577.7	23	37	56	77	85	77	(X)
3832	Optical instruments and lenses (1967 industry 3831 and 1941) ^{12,8}.....1972..	467	531.5	42	53	66	79	92	79	(X)
	.....1970..	(NA)	431.5	54	64	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	287	406.9	49	59	74	88	87	74	(X)
	.....1966..	(NA)	332.4	56	66	(NA)	(NA)	(NA)	(NA)	7
	.....1963..	272	196.0	41	53	73	87	90	61	(X)
	.....1958..	222	89.0	46	60	74	88	90	66	(X)
	.....1954..	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(X)
	.....1947..	(²⁴)	45.3	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(²⁴)	(X)
3841	Surgical and medical instruments.....1972..	448	961.8	32	45	64	81	90	82	(X)
	.....1970..	(NA)	630.2	43	55	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	298	475.4	38	54	72	88	91	63	(X)
	.....1966..	(NA)	360.1	40	51	(NA)	(NA)	(NA)	(NA)	6
	.....1963..	256	284.0	47	58	72	86	88	74	(X)
3842	Surgical appliances and supplies.....1972..	780	1,453.5	41	54	67	81	79	90	(X)
	.....1970..	(NA)	1,209.6	43	56	(NA)	(NA)	(NA)	(NA)	2
	.....1967..	755	837.9	44	53	66	80	80	86	(X)
	.....1966..	(NA)	768.9	45	55	(NA)	(NA)	(NA)	(NA)	6
	.....1963..	525	594.8	49	58	71	84	80	90	(X)
3843	Dental equipment and supplies.....1972..	385	409.2	35	49	71	87	93	94	(X)
	.....1970..	(NA)	274.2	38	54	(NA)	(NA)	(NA)	(NA)	3
	.....1967..	314	220.5	41	53	73	89	94	94	(X)
	.....1966..	(NA)	205.6	37	50	(NA)	(NA)	(NA)	(NA)	7
	.....1963..	267	147.8	37	50	70	88	94	92	(X)
	.....1958..	240	108.7	45	57	73	89	95	92	(X)
	.....1954..	193	79.2	40	53	73	(NA)	95	94	(X)
	.....1947..	209	71.1	40	52	72	(NA)	97	94	(X)
	.....1935..	(NA)	(NA)	51	67	(NA)	(NA)	(NA)	(NA)	(X)
3851	Ophthalmic goods.....1972..	447	586.3	56	66	77	89	88	97	(X)
	.....1970..	(NA)	516.0	54	63	(NA)	(NA)	(NA)	(NA)	4
	.....1967..	432	426.0	51	58	71	84	88	95	(X)
	.....1966..	(NA)	346.8	60	70	(NA)	(NA)	(NA)	(NA)	3
	.....1963..	211	272.7	53	62	77	90	86	82	(X)
	.....1958..	226	191.5	52	62	74	86	87	98	(X)
	.....1954..	223	157.9	54	63	75	(NA)	83	94	(X)
	.....1947..	175	121.2	58	69	80	(NA)	86	97	(X)
3861	Photographic equipment and supplies.....1972..	555	5,623.9	74	85	92	95	95	96	(X)
	.....1970..	(NA)	4,372.5	75	86	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	505	3,664.5	69	81	89	95	95	97	(X)
	.....1966..	(NA)	3,285.7	67	79	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	499	1,851.2	63	76	86	93	95	97	(X)
	.....1958..	450	1,133.6	65	74	85	93	94	94	(X)
	.....1954..	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(⁹⁹)	(X)
	.....1947..	346	457.5	61	70	81	(NA)	93	97	(X)
	.....1935..	(NA)	(NA)	77	84	(NA)	(NA)	(NA)	(NA)	(X)
3873	Watches, clocks, and watchcases (1967 industry 3871 and 3872).....1972..	183	937.2	55	67	84	96	87	95	(X)
	1967 industry 3871, Watches and clocks (1972 industry 3873, part).....1970..	(NA)	834.7	56	70	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	153	746.5	47	63	87	98	85	90	(X)
	.....1966..	(NA)	669.4	45	63	(NA)	(NA)	(NA)	(NA)	2
	.....1963..	150	511.2	46	65	90	98	82	85	(X)
	.....1958..	153	322.1	48	70	89	97	88	95	(X)
	.....1954..	141	330.0	44	68	80	(NA)	82	90	(X)
	.....1947..	183	341.2	41	59	82	(NA)	97	98	(X)
	.....1935..	(NA)	(NA)	37	59	(NA)	(NA)	(NA)	(NA)	(X)
	1967 industry 3872.--Watchcases (1972 industry 3873, part).....1970..	(NA)	54.0	70	(S)	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	45	55.6	68	81	97	100	78	96	(X)
	.....1966..	(NA)	58.1	55	(S)	(NA)	(NA)	(NA)	(NA)	8
	.....1963..	51	33.6	57	72	93	(D)	86	97	(X)
	.....1958..	58	34.6	57	71	89	99+	80	98	(X)
	.....1954..	63	35.0	40	58	85	(NA)	86	85	(X)
	.....1947..	81	44.5	40	60	84	(NA)	87	94	(X)
	.....1935..	(NA)	(NA)	58	80	(NA)	(NA)	(NA)	(NA)	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³					Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —							
				4 largest companies	8 largest companies	20 largest companies	50 largest companies				
	MAJOR GROUP 39.--MISCELLANEOUS MANUFACTURING INDUSTRIES										
3911	Jewelry, precious metal.....1972..	1,497	1,124.6	21	26	35	49	92	96	(X)	
	1970..	(NA)	904.3	21	(S)	(NA)	(NA)	(NA)	(NA)	4	
	1967..	1,477	741.8	23	28	38	49	91	96	(X)	
	1966..	(NA)	693.8	25	32	(NA)	(NA)	(NA)	(NA)	10	
	1963..	1,428	481.9	26	33	42	53	92	97	(X)	
	1958..	1,300	303.3	18	25	36	48	95	98	(X)	
	1954..	1,323	258.1	15	23	36	(NA)	93	96	(X)	
	1947..	1,342	248.2	13	20	32	(NA)	92	95	(X)	
3914	Silverware and plated ware.....1972..	206	377.4	52	68	85	94	94	97	(X)	
	1970..	(NA)	316.1	56	68	(NA)	(NA)	(NA)	(NA)	4	
	1967..	186	339.1	56	67	82	93	95	99	(X)	
	1966..	(NA)	325.1	55	66	(NA)	(NA)	(NA)	(NA)	2	
	1963..	201	238.0	55	66	81	91	95	98	(X)	
	1958..	198	192.2	54	67	79	91	95	98	(X)	
	1954..	190	211.1	61	72	83	(NA)	91	97	(X)	
	1947..	221	221.6	61	72	82	(NA)	98	97	(X)	
	1935..	(NA)	(NA)	56	68	(NA)	(NA)	(NA)	(NA)	(X)	
3915	Jewelers' materials and lapidary work (1967 industries 3912 and 3913).....1972..	566	323.3	18	29	51	71	95	86	(X)	
	1967 industry 3912.--Jewelers' findings and materials.....1970..	(NA)	115.6	31	(S)	(NA)	(NA)	(NA)	(NA)	9	
	1967..	232	128.6	31	44	63	83	90	94	(X)	
	1966..	(NA)	(108.2)	24	35	(NA)	(NA)	(NA)	(NA)	13	
	1963..	228	72.8	33	45	65	83	92	89	(X)	
	1958..	248	56.5	27	41	58	80	90	97	(X)	
	1954..	234	69.3	43	53	66	(NA)	92	91	(X)	
	1947..	180	73.5	39	52	75	(NA)	92	93	(X)	
	1967 industry 3913.--Lapidary work.....1970..	(NA)	113.3	(S)	(S)	(NA)	(NA)	(NA)	(NA)	15	
	1967..	296	89.5	30	47	70	89	95	78	(X)	
	1966..	(NA)	(74.6)	40	51	(NA)	(NA)	(NA)	(NA)	16	
	1963..	318	65.1	38	53	72	88	93	81	(X)	
	1958..	326	38.5	16	28	53	79	99	87	(X)	
	1954..	332	33.6	21	31	51	(NA)	97	91	(X)	
	1947..	270	30.3	26	38	58	(NA)	98	98	(X)	
	1935..	(NA)	(NA)	37	54	(NA)	(NA)	(NA)	(NA)	(X)	
3931	Musical instruments.....1972..	310	617.5	38	60	82	94	97	99	(X)	
	1970..	(NA)	478.9	40	58	(NA)	(NA)	(NA)	(NA)	3	
	1967..	304	434.3	34	57	79	91	97	98	(X)	
	1966..	(NA)	437.3	36	57	(NA)	(NA)	(NA)	(NA)	3	
	1963..	288	314.4	38	54	73	88	97	92	(X)	
3942	Dolls.....1972..	237	199.1	22	34	55	79	99	68	(X)	
	1970..	(NA)	169.9	21	35	(NA)	(NA)	(NA)	(NA)	6	
	1967..	331	162.8	19	31	51	72	99+	70	(X)	
	1966..	(NA)	150.2	(S)	(S)	(NA)	(NA)	(NA)	(NA)	5	
	1963..	404	247.9	(D)	50	62	75	80-85	87	(X)	
	1958..	482	160.3	12	20	37	59	98	94	(X)	
	1954..	484	142.7	19	29	43	(NA)	92	97	(X)	
	1947..	374	69.8	39	48	62	(NA)	89	98	(X)	
3944	Games, toys, and children's vehicles (1967 industries 3941 and 3943).....1972..	618	1,734.3	35	49	65	80	86	92	(X)	
	1967 industry 3941.--Games and toys.....1970..	(NA)	1,483.4	35	47	(NA)	(NA)	(NA)	(NA)	2	
	1967..	653	1,113.5	25	36	56	73	88	96	(X)	
	1966..	(NA)	1,157.2	22	32	(NA)	(NA)	(NA)	(NA)	3	
	1963..	767	796.6	15	25	43	63	92	91	(X)	
	1958..	845	532.1	13	22	35	53	95	93	(X)	
	1954..	872	382.7	18	25	40	(NA)	95	89	(X)	
	1947..	830	181.9	20	29	44	(NA)	92	90	(X)	
	1967 industry 3943.--Children's vehicles, except bicycles.....1970..	(NA)	122.1	52	79	(NA)	(NA)	(NA)	(NA)	7	
	1967..	41	78.7	57	78	99	100	81	61	(X)	
	1966..	(NA)	95.8	45	69	(NA)	(NA)	(NA)	(NA)	10	
	1963..	60	77.5	43	67	94	99+	71	65	(X)	
	1958..	57	71.6	37	62	91	99+	84	81	(X)	
	1954..	58	76.6	46	66	90	(NA)	76	90	(X)	
	1947..	119	85.8	30	52	79	(NA)	81	79	(X)	
	1935..	(NA)	(NA)	47	64	(NA)	(NA)	(NA)	(NA)	(X)	
3949	Sporting and athletic goods, n.e.c.....1972..	1,441	1,729.2	28	37	50	66	89	94	(X)	
	1970..	(NA)	949.5	24	33	(NA)	(NA)	(NA)	(NA)	3	
	1967..	1,304	853.3	27	33	47	62	95	91	(X)	
	1966..	(NA)	805.1	27	34	(NA)	(NA)	(NA)	(NA)	4	
	1963..	1,361	704.7	37	44	52	64	93	91	(X)	
	1958..	1,167	542.5	41	49	58	69	88	91	(X)	
	1954..	1,007	293.7	21	31	47	(NA)	90	86	(X)	
	1947..	843	202.3	24	37	53	(NA)	94	90	(X)	

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)		
			Total (million dollars)	Percent accounted for by ⁴ —							
				4 largest companies	8 largest companies	20 largest companies				50 largest companies	
MAJOR GROUP 39.—MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued											
3951	Pens and mechanical pencils ¹²⁹	1972..	112	310.5	47	63	82	96	92	91	(X)
		1970..	(NA)	243.5	45	64	(NA)	(NA)	(NA)	(NA)	3
		1967..	113	211.8	46	60	80	96	93	92	(X)
		1966..	(NA)	216.4	46	60	(NA)	(NA)	(NA)	(NA)	4
		1963..	122	185.5	48	60	79	94	90	93	(X)
3952	Lead pencils and art goods.....	1972..	136	198.8	41	64	82	95	83	88	(X)
		1970..	(NA)	172.8	41	65	(NA)	(NA)	(NA)	(NA)	2
		1967..	123	158.9	42	61	79	95	85	93	(X)
		1966..	(NA)	159.6	39	57	(NA)	(NA)	(NA)	(NA)	5
		1963..	140	121.6	37	55	75	94	87	90	(X)
		1958..	138	93.4	44	60	(NA)	(NA)	88	92	(X)
3953	Marking devices ¹²⁹	1972..	584	180.0	31	38	49	63	90	91	(X)
		1970..	(NA)	185.9	28	39	(NA)	(NA)	(NA)	(NA)	6
		1967..	561	146.3	30	43	54	67	90	91	(X)
		1966..	(NA)	162.2	26	40	(NA)	(NA)	(NA)	(NA)	11
		1963..	581	126.8	40	49	59	70	84	90	(X)
		1958..	495	53.6	23	29	41	57	96	86	(X)
		1954..	444	47.6	20	28	42	(NA)	90	89	(X)
		1947..	415	27.5	16	25	40	(NA)	89	89	(X)
		1935..	(NA)	(NA)	18	28	(NA)	(NA)	(NA)	(NA)	(X)
3955	Carbon paper and inked ribbons.....	1972..	72	237.5	37	58	83	99	90	61	(X)
		1970..	(NA)	228.1	30	45	(NA)	(NA)	(NA)	(NA)	6
		1967..	87	206.8	37	54	78	98	94	79	(X)
		1966..	(NA)	196.5	38	56	(NA)	(NA)	(NA)	(NA)	5
		1963..	91	155.5	38	55	78	97	95	83	(X)
		1958..	97	116.4	29	47	75	94	91	89	(X)
		1954..	80	81.2	31	48	78	(NA)	93	83	(X)
		1947..	63	48.6	32	53	83	(NA)	90-100	90-100	(X)
		1935..	(NA)	(NA)	35	56	(NA)	(NA)	(NA)	(NA)	(X)
3961	Costume jewelry.....	1972..	764	471.6	17	27	41	59	93	90	(X)
		1970..	(NA)	447.2	26	36	(NA)	(NA)	(NA)	(NA)	5
		1967..	763	376.5	22	31	43	60	95	92	(X)
		1966..	(NA)	335.0	25	33	(NA)	(NA)	(NA)	(NA)	6
		1963..	910	280.5	17	25	39	55	95	95	(X)
		1958..	1,049	245.3	12	18	32	48	95	96	(X)
		1954..	1,123	239.4	14	21	32	(NA)	95	95	(X)
		1947..	855	170.3	24	33	48	(NA)	90	91	(X)
3962	Artificial flowers.....	1972..	260	108.7	33	44	61	79	93	92	(X)
		1970..	(NA)	82.9	23	(S)	(NA)	(NA)	(NA)	(NA)	8
		1967..	319	84.7	19	28	47	70	97	85	(X)
		1966..	(NA)	(73.5)	(S)	(S)	(NA)	(NA)	(NA)	(NA)	18
		1963..	367	60.4	17	26	42	62	97	87	(X)
		1958..	428	60.4	12	19	35	56	98	98	(X)
		1954..	466	50.0	9	16	32	(NA)	97	98	(X)
		1947..	443	39.5	10	17	33	(NA)	97	99	(X)
3963	Buttons.....	1972..	179	93.7	31	47	70	87	94	81	(X)
		1970..	(NA)	95.1	29	45	(NA)	(NA)	(NA)	(NA)	5
		1967..	227	80.8	26	39	59	80	97	90	(X)
		1966..	(NA)	72.9	(S)	(S)	(NA)	(NA)	(NA)	(NA)	13
		1963..	282	81.8	27	39	59	78	96	87	(X)
		1958..	348	65.7	20	32	52	73	98	88	(X)
		1954..	395	64.8	20	29	47	(NA)	92	89	(X)
		1947..	412	59.5	20	32	52	(NA)	93	94	(X)
		1935..	(NA)	(NA)	15	27	(NA)	(NA)	(NA)	(NA)	(X)
3964	Needles, pins, and fasteners.....	1972..	244	574.7	48	59	73	88	94	92	(X)
		1970..	(NA)	531.4	51	62	(NA)	(NA)	(NA)	(NA)	3
		1967..	262	385.3	47	58	71	86	93	89	(X)
		1966..	(NA)	409.3	43	55	(NA)	(NA)	(NA)	(NA)	5
		1963..	314	337.3	34	47	64	81	91	92	(X)
		1958..	359	214.8	35	47	64	80	93	89	(X)
		1954..	349	203.1	44	56	68	(NA)	82	91	(X)
		1947..	273	147.2	39	52	69	(NA)	91	89	(X)
		1935..	(NA)	(NA)	63	76	(NA)	(NA)	(NA)	(NA)	(X)
3991	Brooms and brushes.....	1972..	430	438.3	24	36	53	72	92	94	(X)
		1970..	(NA)	408.6	31	42	(NA)	(NA)	(NA)	(NA)	2
		1967..	516	371.8	33	44	58	75	90	92	(X)
		1966..	(NA)	374.4	32	42	(NA)	(NA)	(NA)	(NA)	6
		1963..	628	321.1	31	41	57	73	89	(NA)	(X)
		1958..	713	252.2	23	33	49	65	87	96	(X)
		1954..	688	185.4	21	32	47	(NA)	91	92	(X)
		1947..	698	179.8	22	36	54	(NA)	94	97	(X)

See footnotes at end of table.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

1972 code	Industry and year ¹	Companies ² (number)	Value of industry shipments ³				Primary product special- ization ratio ⁵ (percent)	Coverage ratio ⁶ (percent)	Standard error of estimate ⁷ (percent)	
			Total (million dollars)	Percent accounted for by ⁴ —						
				4 largest companies	8 largest companies	20 largest companies	50 largest companies			
			MAJOR GROUP 39.—MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued							
3993	Signs and advertising displays.....1972..	3,221	1,198.1	6	10	18	29	98	97	(X)
	.....1970..	(NA)	982.7	7	11	(NA)	(NA)	(NA)	(NA)	4
	.....1967..	3,159	875.1	6	10	17	28	97	95	(X)
	.....1966..	(NA)	818.6	6	10	(NA)	(NA)	(NA)	(NA)	8
	.....1963..	3,165	646.8	5	8	15	26	96	95	(X)
	.....1958..	2,689	446.9	5	8	14	26	86	87	(X)
	.....1954..	2,600	353.3	8	11	18	(NA)	93	92	(X)
	.....1947..	1,933	204.7	5	9	18	(NA)	95	88	(X)
	.....1935..	(NA)	(NA)	9	14	(NA)	(NA)	(NA)	(NA)	(X)
3995	Burial caskets (1967 industry 3994) ¹³⁰.....1972..	474	391.9	25	34	47	63	99	99	(X)
	.....1970..	(NA)	355.2	24	31	(NA)	(NA)	(NA)	(NA)	4
	.....1967..	527	306.1	22	28	42	58	95	98	(X)
	.....1966..	(NA)	319.1	22	28	(NA)	(NA)	(NA)	(NA)	(X)
	.....1963..	581	290.0	20	27	41	57	95	98	(X)
	.....1958..	562	226.6	21	28	42	56	95	99	(X)
	.....1954..	541	166.1	20	26	38	(NA)	97	97	(X)
	.....1947..	525	188.8	26	34	45	(NA)	90	97	(X)
	.....1935..	(NA)	(NA)	17	23	(NA)	(NA)	(NA)	(NA)	(X)
3996	Hard surface floor coverings.....1972..	18	342.3	91	98	100	(X)	88	99	(X)
	.....1970..	(NA)	232.6	92	(S)	(NA)	(NA)	(NA)	(NA)	1
	.....1967..	18	221.7	89	99	100	(X)	86	97	(X)
	.....1966..	(NA)	230.3	89	98	(NA)	(NA)	(NA)	(NA)	8
	.....1963..	15	204.1	87	98	100	(X)	82	98	(X)
	.....1958..	11	178.8	83	(D)	100	(X)	(NA)	(NA)	(X)
	.....1954..	10	181.6	87	(D)	100	(X)	85	97	(X)
	.....1947..	14	173.3	80	95	100	(X)	91	100	(X)
3999	Manufactures, n.e.c. ¹³¹.....1972..	3,313	1,534.7	12	19	30	43	91	92	(X)
	.....1970..	(NA)	1,148.0	9	15	(NA)	(NA)	(NA)	(NA)	4
	.....1967..	2,165	943.3	10	17	28	42	94	90	(X)

Note: The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

(X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Data suppressed because some of the largest companies were approximately the same size as others not included in the sample, and therefore a reliable numerator could not be computed.

¹Industry codes and descriptions are based on the 1972 Standard Industrial Classification Manual (SIC). This classification system represents a substantial revision from the previous 1957 edition as modified through 1967 and was put into effect with the final reports in the 1972 census. The concentration ratios in 1958 were tabulated on the 1945 edition to preserve comparability to prior years. Also, in 1958, establishments in Alaska and Hawaii were not included as part of U.S. industry totals since these States did not attain Statehood until 1959. Data and ratios for 1958 and prior years are shown in this report only if the industry definitions are so closely comparable that the concentration ratios could not be affected by the shifting of plants due to industry classification changes or by the change in treatment of Alaska and Hawaii. (See "Concentration Ratios in Manufacturing Industry: 1958," Part I, table 7, for comparability of old-new industry definitions.)

²The determination of company affiliation of establishments is based on census reports and publicly available records. Value of shipment totals for establishments have been summarized into company totals in each manufacturing industry. "Largest" companies are determined by each company's value of shipments in the specified industry.

³Value of shipments figures are not completely comparable between the years 1963-72 and prior years. They include for all establishments classified in the industry (a) value of products primary to the industry, (b) value of all secondary products which are primary to other industries, (c) value of miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, salable refuse, repairs, etc., and (d) value of resales—i.e., products resold in same condition as bought. In 1958 and prior years value of resales was excluded from value of shipments.

⁴The percentages consist of the sum of the value of shipments of the largest 4 companies (or 8, 20, or 50 companies), divided by the total value of shipments of the industry.

⁵The "primary product specialization ratio" measures the extent to which plants classified in the industry specialize in making products regarded as primary to the industry; that is, value of shipments of primary products of plants in the industry is expressed as a ratio of the total shipments of all products made by these establishments (excluding miscellaneous receipts, such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc.).

⁶The "coverage ratio" measures the extent to which all shipments of primary products of an industry are made by plants classified in the industry, as distinguished from secondary producers elsewhere; that is, value of shipments of the primary products made by plants classified in the industry is expressed as a ratio of the total shipments of primary products made by all producers, both in and out of the specified industry.

⁷A description of the standard error of estimate is given in the Introduction under "Qualifications of the Data". The percentage standard errors shown are approximate relative standard errors of level for 1970 and 1966.

⁸Although, the 1972 definition of this industry is the same as that used in the 1967 SIC system, the content of the industry has changed slightly. The net result of these changes accounts for less than 3 percent of the industry aggregate and the 1972 data are considered to be directly comparable to prior years data.

⁹Value added by manufacture is shown for this industry rather than value of shipments because the latter contains a substantial and unmeasurable amount of duplication. The calculations for the 4, 8, 20, and 50 largest companies also are based on value added. The value added figure for 1963 and later years is adjusted value added; for 1958 and prior years it is unadjusted value added. Adjusted value added is calculated by subtracting the cost of materials including cost of resales from the value of shipments including resales and adjusting for the change in finished products and work-in-process inventories during the year. Unadjusted value added excludes value added by resales and any inventory change. The standard error shown for this industry is for value added by manufacturing.

¹⁰For 1972, industry 2015 was split to form this industry and industry 2017.

¹¹Not completely comparable to 1954 and later years because of a change in industry classification. For discussion of 1947 to 1954 comparability, see 1954 Census of Manufactures, Volume II, Industry Statistics, "Dairy Products."

¹²In 1954, industry 2027, Fluid Milk, was composed of two industries, 2026, Fluid Milk (only), and 2027, Fluid Milk and Other Products. In 1954 figures on value of shipments and share of value of shipments accounted for by the 4 and 8 largest companies have been recalculated on a basis comparable to 1958. In 1947 and earlier years, establishments primarily distributing fluid milk were classified as nonmanufacturing.

¹³Value of production shown for this industry rather than value of shipments. For 1963 and subsequent years the figure includes value of primary and secondary products made, miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and other salable refuse, and the value of products bought and resold in the same condition; for 1958 and prior years resales are excluded.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

(Footnotes for table 5--Continued)

¹⁴For 1972, this industry was split to form a new industry 2038; in 1970 and prior years, the statistics for industry 2038 were included in industry 2037, Frozen Fruits and Vegetables.

¹⁵For 1972, this industry was split to form a new industry 2048.

¹⁶Establishments in Alaska and Hawaii are important producers in this industry. Recomputed figures cannot be shown for the 4, 8, 20, and 50 companies prior to 1963 without disclosing the operation of individual companies in Alaska and Hawaii.

¹⁷The discrepancy between these figures and those appearing in table 1 of the 1958 Census of Manufactures, Volume II, Chapter 20H, Fats and Oils (82 companies and \$994,865 thousand value of shipments) is due to a misclassification of 16 small companies into industry 2075. These companies should have been classified into industry 2079, Shortening and Cooking Oils.

¹⁸The 1957 SIC combined into this industry two industries which were separate in the 1945 SIC: industry 2882, Linseed Oil Mills, and industry 2884, Vegetable Oil Mills, N.E.C. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and later years.

¹⁹The SIC, as revised in 1963, combined into this industry two industries which were separate in the 1945 SIC: industry 2886, Grease and Tallow, and industry 2889, Animal Oils, N.E.C. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and later years.

²⁰The 1957 SIC combined into this industry two industries which were separate in the 1945 SIC: industry 2092, Shortening and Cooking Oils, and industry 2093, Margarine. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and later years.

²¹Includes data for 21 wholesale distributors of malt liquors. Each had less than 10 employees and had no significant effect on any of the statistics for the industry except the establishment and company counts.

²²Bonded store rooms which were engaged in blending wines were excluded in 1947.

²³The 1954 data for industry 2036 are not completely comparable to 1958 and subsequent years; 1947 data are not available. In 1947 industry 2036, Packaged Seafood, was in part (frozen packaged seafood) included in industry 2037, Frozen Fruits, Vegetables, and Fish, and in part (fresh packaged seafood) included in nonmanufacturing industries (principally industry 5046, Fish and Seafoods). A significant but undetermined number of establishments classified in industry 2036 in 1958 and 1963 were probably classified in industry 5046 in 1954.

²⁴Comparable data are not available because of significant changes in the 1947 classification of plants or products in this industry.

²⁵Jobbers were included in 1947 but excluded in 1954 and later years.

²⁶Value of production shown for this industry in 1958 and prior years whereas value of shipments is shown for 1963 and later years. This change does not affect the comparability significantly. For industries 2253, 2254, 2256 and 2259, the method of computing coverage and specialization ratios was changed in 1967, causing a significant decrease in some ratios.

²⁷For 1972, industry 2256 was split to form new industries 2257 and 2258.

²⁸The SIC codes combined in this industry are the two industries which were separate in the 1957 SIC: industry 2255, Knit Glove Mills, and industry 2259, Knitting Mills, N.E.C. The 1958 value of production figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and later years.

²⁹Includes finished cotton broadwoven fabrics (except commission finishing) which are also primary to industry 2211, Weaving Mills, Cotton.

³⁰Includes finished synthetic fabrics (except commission finishing) which are also primary to industry 2221, Weaving Mills, Synthetics.

³¹Includes finished yarns except wool which are also primary to industry 2281, Yarn Mills, Except Wool.

³²Excludes shipments of finished purchased yarns from establishments classified in industry 2269, Finishing Plants, N.E.C.

³³This industry included a large number of very small establishments in 1958, and there is a possibility that some were misclassified as to industry. Industry misclassification of these small establishments does not affect significantly any statistics other than the number of establishments and companies.

³⁴This industry included a large number of very small establishments in 1963 and some of these small establishments may have been misclassified as to industry. Industry misclassification of these small establishments does not affect significantly any statistics other than the number of establishments and companies.

³⁵The 1972 definition of this industry has been revised from that used in the 1967 SIC manual. In 1967, industry 2297 was titled Scouring and Combing Mill Products. This is now product class 22993 in industry 2299, Textile Goods, N.E.C. In 1967, Nonwoven Textiles was product class 22991 in industry 2299.

³⁶Includes products of Knitting Mills (SIC Group 225) which are primary to industries 2253 and 2254.

³⁷Includes the shipments of women's and children's knit underwear and nightwear made in knitting mills (primary products of industry 2254) as well as the shipments of these products cut and sewed from purchased knit cloth.

³⁸The 1957 SIC combined into this industry four industries which were separate in the 1945 SIC: industry 2281, Fur-Felt Hats and Hat Bodies; industry 2282, Wool-Felt Hats and Hat Bodies; industry 2283, Straw Hats; and industry 2325, Men's and Boys' Cloth Hats. The 1958 value of production figures for these four industries have been combined and the ratios for the largest 4 and 8 companies have been recomputed on a basis comparable to 1963 and later years.

³⁹Includes the shipments of children's knit outerwear made in Knitting Mills (primary products of industry 2253) as well as the shipments of these products cut and sewed from purchased knit cloth.

⁴⁰Includes the shipments of fabric gloves made in Knitting Mills (primary products of industry 2259) as well as the shipments of fabric gloves cut and sewed from purchased fabrics.

⁴¹The 1957 SIC combined in this industry two industries which were separate in the 1945 SIC: industry 2381, Fabric Dress Gloves, and industry 2382, Fabric Work Gloves. The 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and later years.

⁴²A review of the reports for 1963 indicated that there were approximately 300 very small companies included in this industry which described their activities as custom drapery producers, interior decorators workrooms, etc. Approximately half of these companies were classified as nonmanufacturing in the 1958 Census.

⁴³For 1963 and subsequent years, the value of shipments total includes shipments of logs for establishments that own and maintain timberlands but contract the cutting of logs to others. The establishments that actually performed the logging on a contract basis also reported their receipts for contract logging under the heading total value of shipments. Thus, an undetermined amount of duplication exists in the shipments total. The figures previously reported for 1958 and prior years do not include shipments for timberland owners that do not perform their own logging.

⁴⁴Comparable data are not available for prior years due to a significant revision in the 1972 SIC system. This industry as now constituted includes wood frames for household furniture which were previously classified in industry 2512 under 1967 product class 25126.

⁴⁵The low coverage ratio for 1963 was due to the large amount of wood chips manufactured by establishments classified in industry 2421. In 1967, wood chips were reclassified from industry 2429 to industry 2421.

⁴⁶Comparable data are not available for prior years due to a significant revision in the 1972 SIC system. Custom cabinetwork, to be built-in (1967 product class 24317) was reclassified to industry 2434.

⁴⁷Comparable data are not available for prior years due to a major revision in the 1972 SIC system. Industry 2434 was formed by combining the manufacture of custom cabinetwork, to be built-in, (1967 product class 24317) with wood kitchen cabinets (1967 product class 25114).

⁴⁸For 1972, industry 2432 was split to form new industries 2435 and 2436.

⁴⁹This industry was revised for 1972. Historical data are not available. All products now classified in industry 2439 were formerly part of old industry 2433, Prefabricated Wood Structures. The balance of old industry 2433 is now classified as industry 2452.

⁵⁰Comparable data for prior years are not available due to a major revision in the 1972 SIC system. This industry was previously identified under product class 24992 as a part of industry 2499.

⁵¹For 1972, industry codes 2442, 2443, and 2445 were combined to form industry 2449.

⁵²Comparable data for prior years are not available due to a major revision in the 1972 SIC system. All products now classified in this industry were formerly part of industry 3791.

⁵³Comparable data for prior years are not available due to a major revision in the 1972 SIC system. All products now classified in industry 2452 were formerly part of old industry 2433. The balance of old industry 2433 is now classified as 2439.

⁵⁴Comparable data for prior years are not available due to a major revision in the 1972 SIC system. This industry was previously identified as product class 24993 under industry 2499.

⁵⁵This industry was revised for 1972. Historical data are not available. The industry as now constituted excludes pallets and skids (1967 product class code 24992) and particleboard (1967 product class code 24993) which were reclassified to product classes 24480 and 24920 respectively.

⁵⁶Comparable data for prior years are not available due to a significant revision in the 1972 SIC system. Radio, phonograph, stereo wood cabinets and sewing machine cabinets were reclassified to new SIC industry 2517, and wood kitchen cabinets were reclassified to new SIC industry 2434.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

(Footnotes for table 5--Continued)

⁵⁷Data for 1972 are not completely comparable to earlier data due to a significant revision in the 1972 SIC system. The industry as now constituted excludes wood frames for household furniture (1967 product class 25126) which was reclassified to industry 2426.

⁵⁸Comparable data for previous years are not available due to a significant revision in the 1972 SIC system. This industry was previously classified under industry 2511 as product class 25111 and part of product class 25112.

⁵⁹While there has been no change in the 1972 SIC, data for 1972 are not completely comparable to those published for earlier years since a number of establishments previously classified in this industry are now included in industries 2621 and 2631.

⁶⁰Beginning with 1958, integrated pulp and paper companies were given the option of reporting their pulp and paper (or board) operations on a combined basis when both were conducted at a single physical location. Most integrated companies exercise this option and file a single report covering their pulp, paper (or board) making operations at a single physical location, but a few with departmental accounting choose to report separately for the pulp mill and paper (or board) mill. The other pulp mills separately reported are: (1) those exclusively selling their pulp on the market (i.e., not associated or affiliated with a paper and board mill), and (2) those pulp mills affiliated or associated with paper or board mills but operated at a different physical location from the paper or board mill(s).

⁶¹This is a minimum ratio (the exact ratio is withheld to avoid disclosing figures for individual companies).

⁶²This industry was revised for 1972; historical data are not available. The stationary products which now constitute industry 2648 were classified in the 1967 SIC system in industry 2649 under product class 26491.

⁶³Comparable data are not available for prior years due to a significant revision in the 1972 SIC system. The industry as now constituted includes wallpaper (1967 SIC industry 2644) and excludes stationery products (1967 product class 26491).

⁶⁴Data for 1972 are not completely comparable to earlier data due to a significant revision in the 1972 SIC system. Industry 2751 was split into two separate industries: This industry and commercial printing, gravure (industry 2754, 1967 product classes 27517 and 27518).

⁶⁵Data for 1972 are not completely comparable to earlier data due to a significant revision in the 1972 SIC system. Industry 2752 was split into two separate industries: This industry and lithographic platemaking and related services (industry 2795, 1967 product class 27527).

⁶⁶Comparable data for prior years are not available due to a major revision in the 1972 SIC system; this industry was previously identified as product classes 27517 and 27512 under industry 2751.

⁶⁷Comparable data for prior years are not available due to a major revision in the 1972 SIC system; this industry was previously identified as product class 27527 under industry 2752.

⁶⁸Comparable data for prior years are not available due to a significant revision in the 1972 SIC system. The 1972 revisions transferred the manufacture of household bleaches to industry 2842; the manufacture of synthetic ammonia, nitric acid, and ammonium compounds to industry 2873; and the manufacture of phosphoric acid to industry 2874.

⁶⁹Government-owned establishments that are privately operated are included in this industry but did not enter into the calculation of the specialization and coverage ratios as all dollar receipts for these establishments were included in "miscellaneous receipts".

⁷⁰Comparable data are not available for 1970 and earlier years due to a significant revision in the 1972 SIC system. The 1972 revisions transferred the manufacture of unsupported plastics film, sheets, rods, and tubes; regenerated cellulosic products, except rayon; and custom compounded purchased resins to industry 3079. In addition, the production of synthetic resin adhesives, from resins manufactured in the same establishment, was transferred to industry 2881.

⁷¹This industry was revised for 1972; historical data are not available. The 1972 revisions transferred the manufacture of household insecticides and repellants to industry 2879. In addition, the production of household liquid and dry bleaches was transferred from industry 2819 to this industry.

⁷²Data for 1972 are not completely comparable to earlier data due to a significant revision in the 1972 SIC system. Caulking and sealant compounds, formerly classified in product class 28518, were reclassified into industry 2891. The degree of change based on total employment is estimated to be 4 percent.

⁷³Comparable data for 1970 and earlier years are not available due to a major revision in the 1972 SIC system. This industry was formed by combining synthetic ammonia, nitric acid, and ammonium compounds (1967 product class 28191); urea (part of 1967 product class 28182); and fertilizer materials of organic origin (part of 1967 product class 28712).

⁷⁴Comparable data for 1970 and earlier years are not available due to a major revision in the 1972 SIC system. Industry 2874 was formed by combining most of the products of old industry 2871, which includes superphosphate, other phosphatic fertilizer materials, and mixed fertilizers produced from one or more materials made in the same plant, with phosphoric acid which was previously classified in 1967 product class 28194 as part of industry 2819.

⁷⁵Comparable data for 1970 and earlier years are not available due to a major revision in the 1972 SIC system. The industry as now constituted includes the manufacture of household insecticides and repellants which were previously classified as product class 28421 in industry 2842.

⁷⁶Comparable data are not available for 1970 and earlier years due to a significant revision in the 1972 SIC system. This industry as now constituted includes synthetic resin adhesives from resins manufactured in the same establishment (formerly in industry 2821), caulking compounds and sealants (formerly in industry 2851), rubber cement (formerly in industry 3069), and sealants, n.e.c. (formerly in industry 2899), and excludes gelatin and sizes (now in industry 2899).

⁷⁷Data for 1972 are not completely comparable to earlier data due to a slight revision in the 1972 SIC system. The industry as now constituted includes gelatin, except ready-to-eat desserts, (formerly classified in industry 2891), sizes (formerly in industry 2891), and embalming chemicals (formerly in industry 3994), and excludes sealants, n.e.c. (now classified in industry 2991). The degree of change, based on total employment, is estimated to be 5 percent.

⁷⁸Includes lubricating oils and greases which are also primary to industry 2992, Lubricating Oils and Greases.

⁷⁹Includes lubricating oils and greases which are also primary to industry 2911, Petroleum Refining.

⁸⁰Data for 1972 are not directly comparable to earlier data due to a significant revision in the 1972 SIC system. Plastics footwear which was classified in industry 3079 in 1967, is now included in industry 3021. However, the degree of change based on total employment is estimated to be 11 percent.

⁸¹The rubber and plastics hose and belting industry is included for the first time in the census of manufactures for 1972. The industry includes all of 1967 product class 30691, Rubber and plastics belts and belting; and product class 30692, Rubber hose and tubing, except 30692 81, Tubing, except medical and surgical and reinforced; part of 1967 product class 30795, Industrial plastics products and product class 30798, Consumer and commercial plastics products, n.e.c.

⁸²This industry was significantly revised for 1972. The statistics for this industry, as classified under the 1972 edition of the SIC manual, were unchanged as to code number from the previous classification, but were significantly changed in comparison with data classified by the previous system. All of 1967 product class 30691, Rubber and plastics belts and belting and all of 1967 product class 30692, Rubber hose and tubing except, product code 30692 81 Tubing, except medical and surgical and reinforced, are now classified in industry 3041, Rubber and Plastics Hose and Belting. Tubing, except medical and surgical and reinforced, is now included in product class 30695. In addition, seals and packing (former product codes 30695 26, 27 and 28) are now included in industry 3293; and latex and solvent-type cement (former product codes 30698 64 and 65) are now classified in industry 3291.

⁸³Data for 1972 are not directly comparable to earlier data due to a significant revision in the 1972 SIC system. However, the degree of change, based on total employment, is estimated to be 9 percent.

⁸⁴Value of production shown for this industry in 1958 and prior years whereas value of shipments is shown for 1963 and later years. This change does not affect the comparability significantly.

⁸⁵Comparable data are not available because of significant changes in the 1947 classification of plants or products in this industry.

⁸⁶For 1972, industry 3141 was split to form new industries: 3143, 3144, and 3149.

⁸⁷Data for 1972 are not completely comparable to earlier data due to a significant revision in the 1972 SIC system. Industrial leather belting was reclassified to industry 3199, Leather Goods, N.E.C.

⁸⁸The 1957 SIC combined two industries which were separate in the 1945 SIC; industry 3192, Saddlery, Harness, and Whips, and this industry; the 1958 value of shipments figures for these two industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and 1966.

⁸⁹A number of small establishments was misclassified into this industry. This affects the figure for the number of companies but has no appreciable effect on the total value of shipments or the percentage of value of shipments accounted for by the largest companies.

⁹⁰Comparable data are not available because of significant changes in the 1947 classification of plants or products in this industry.

⁹¹Data for 1972 are not directly comparable to earlier data due to a significant revision in the 1972 SIC system. Insulation materials containing asbestos, which were previously classified in industry 3293, are now included in this industry. However, the degree of change, based on total employment, is estimated to be 4 percent.

⁹²Revised percentages not available.

TABLE 5. Share of Value of Shipments Accounted for by the 4, 8, 20, and 50 Largest Companies in Each Manufacturing Industry: 1972 and Earlier Years—Continued

Footnotes for table 5--Continued

⁹³Although the SIC number and title of industry 3293 are unchanged, the 1972 definition of this industry has been revised from that used in the 1967 SIC manual. Molded packings and seals, except plastics (formerly classified in industry 3069), axial mechanical face seals (formerly in industry 3599), plastics packing and seals (formerly in industry 3079), and leather packings, oil and grease retainers, including seals (formerly in industry 3121), are now included in this industry. Also, insulation materials containing asbestos, which were previously classified in this industry, are included in industry 3292 for 1972.

⁹⁴The value of shipments for this industry totaled \$23,947 million in 1972. These values, however, include duplication in that the products of some establishments are used as materials by others. A specialization ratio computed on the basis of net value of shipments (adjusted for estimated cost of coke used as fuel) would approximate 94 percent for 1972, 1967, 1963, and 1958. Although, a coverage ratio cannot be computed precisely, it would exceed 83 percent for 1972, 84 percent for 1967, 86 percent for 1963, and 84 percent for 1958.

⁹⁵Industry 3312, Blast Furnaces and Steel Mills, has been redefined since 1954 to include industry 3311, Blast Furnaces; industry 3312, Steelworks and Rolling Mills; industry 2931, Beehive Coke Ovens; and industry 2932, Byproduct Coke Ovens. For 1954 and 1947, value added by manufacture and shares accounted for by the largest 4, 8, and 20 companies have been recomputed on a basis comparable to later years.

⁹⁶This ratio is based on shipments of primary products only by this industry. However, some of these products are also primary to one or more other industries.

⁹⁷This industry includes, in addition to commercial (jobbing) foundries, "captive" foundries at separate locations producing gray iron castings for other plants of the same company. Accordingly, the ratios for this industry do not reflect the market shares in the commercial foundry industry as such.

⁹⁸Ratios not meaningful because total value of primary products shipped include a significant amount of duplication.

⁹⁹Comparable data are not available due to significant revisions in the 1954 classification of plants or products in this industry.

¹⁰⁰Comparable data are not available because of significant changes in the 1947 classification of plants or products in this industry.

¹⁰¹Indexes not meaningful because of large miscellaneous receipts, particularly receipts for contract and commission work on materials owned by others. Such receipts are treated as primary products for this industry.

¹⁰²A number of small establishments was misclassified into this industry. This affects the figure for the number of companies but has no appreciable effect on the total value of shipments or the percentage of value of shipments accounted for by the largest companies.

¹⁰³The 1957 SIC combined in this industry three industries which were separate in the 1945 SIC: industry 3422, Edge Tools; industry 3423, Hand Tools, N.E.C.; and industry 3424, Files. The 1958 value of shipments figures for these three industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963 and later years.

¹⁰⁴This industry was revised for 1972; historical data are tabulated under the old definition and are not directly comparable. Warm air furnaces (old product class 34332) and parts and attachments for warm air furnaces (old product code 34336 73) are classified in industry 3585, Refrigeration and Heating Equipment.

¹⁰⁵This ratio is based on shipments of primary products only by this industry. However, some of these products are also primary to one or more other industries.

¹⁰⁶Revisions were made to this industry for prior years to include automobile stampings plants operated by automobile producing companies. Concentration ratios cannot be published for prior years on a revised basis without approximating the operations of individual companies.

¹⁰⁷Indexes not meaningful because of large miscellaneous receipts, particularly receipts for contract and commission work on materials owned by others.

¹⁰⁸Comparable data are not available for 1970 and earlier years.

¹⁰⁹Farm wagons, trucks, and other farm transportation equipment previously classified in industry 3799 (Transportation Equipment, N.E.C.) are now included in this industry for 1972. The effect of the change on this industry is approximately 5 percent of the total value of shipments for 1972.

¹¹⁰Not completely comparable to 1966 and earlier years, some companies included construction receipts with value of shipments for those years. Such receipts are excluded in 1967.

¹¹¹For 1972, the content of this industry has been slightly changed by the inclusion of automatic stacking machines and parts and attachments. The effect of this change on the industry is approximately 5 percent. These products were formerly classified in industry 3537.

¹¹²Comparable data are not available for 1966 and earlier years because of significant changes in the 1967 SIC system of plants or products of this industry.

¹¹³Separate data cannot be published for this industry, Typewriters, without revealing the operations of individual companies. Accordingly, this industry has been combined with industry 3579, Office Machines, N.E.C., for 1972.

¹¹⁴Comparable data are not available for prior years as this industry was not separately identified prior to 1967.

¹¹⁵Ratios not meaningful because total value of primary products shipped include a significant amount of duplication.

¹¹⁶For 1972, data for coin-operated washers and dryers under 10-lb. load, and parts and attachments for these products have been moved to industry 3633, Household Laundry Equipment. Products shifting out of this industry represent approximately 15 percent of the total shipments value at the United States level.

¹¹⁷Comparable data are not available due to significant revisions in the 1954 classification of plants or products in this industry.

¹¹⁸Comparable figures not available. Ratios were calculated originally on value of shipments in 1954 and 1947. 1954 ratios for the largest 4 and 8 companies have been recalculated based on value added; 1947 ratios based on value added are not available.

¹¹⁹Prior to 1967, industries 3711 and 3714 were combined and identified as industry 3717.

¹²⁰Data for 1966 and 1963 have been revised by the exclusion of automotive stamping plants operated by automobile producing companies; as a result of this revision, these plants are now classified in the metal stampings industry (SIC industry 3465).

¹²¹Not completely comparable to 1958 and later years because of a change in the SIC system. In 1958 and later years an establishment manufacturing complete aircraft was classified in industry 3721, Aircraft, if its value of work done on aircraft exceeded its value of shipments of any other single industry's products. In 1954 and earlier years any establishment manufacturing at least one complete aircraft was classified in industry 3721.

¹²²Value of shipments, rather than value of work done has been used in this industry since 1970.

¹²³Value of work done rather than value of shipments.

¹²⁴Data include aircraft propellers and parts, classified in industry 3723 prior to 1967.

¹²⁵Industry 3741 is combined with industry 3742 to avoid disclosing the operations of individual companies.

¹²⁶This industry was revised for 1972; historical data are tabulated under the old definition and are not comparable. Farm wagons and other farm transportation equipment (1967 product class 37992, part) were reclassified to industry 3523. Other Automobile Trailers (1967 product class 37991, part) were reclassified to industry 3792; self-propelled golf carts, classified in this industry prior to 1972, were reclassified into product class 37997.

¹²⁷Industry 3821, Mechanical Measuring Devices, in 1967 was split into three industries; 3823, Process Control Instruments; 3824, Fluid Meters and Counting Devices; 3829, Measuring and Controlling Devices, N.E.C.

¹²⁸This industry and 1967 industry 3831, Optical Instruments and Lenses are not directly comparable; also this industry is a combination of two 1967 industries: 1941, Sighting and Fire Control Equipment and 3831, Optical Instruments and Lenses. No 1967 concentration data was published for industry 1941. However, from the final industry Bulletin MC-72(2)-38A, table 1C, it can be seen that 4 percent of the total value of shipments for this industry in 1972 came from 1967 industry 1941.

¹²⁹Data for 1972 are not directly comparable to earlier years data due to a significant revision in the industry's SIC system. Broad-tipped markers, formerly in industry 3953 (product code 39530 43), are now included in industry 3951 (product code 39510 43). However, the degree of change (based on total employment) for industry 3951 and industry 3953 are 6 percent and 8 percent, respectively.

¹³⁰Data for 1972 are not directly comparable to earlier years data due to a minor revision in the industry SIC system. Data for embalming chemicals are now included in industry 2899, Chemical Preparations, N.E.C.; burial garments in industry 2389, Apparel and Accessories, N.E.C.; and innerliners, sold as such, in industry 2399, Fabricated Textile Products, N.E.C. However, the degree of change (based on total employment) is less than 1 percent.

¹³¹The 1967 SIC combined into this industry six industries which were separate in the 1957 SIC: industry 3983, Matches; 3984, Candles; 3987, Lamp Shades; 3992, Furs, Dressed and Dyed; 3995, Umbrellas, Parasols and Canes; and 3999, Miscellaneous Products, N.E.C. Concentration ratio data are not available for 1966 or prior years.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS				
2011-	Meatpacking plants.....1972..	⁴ 21,637.3	26	39	53	67
		1967.. ⁴ 14,665.2	27	38	49	62
		1963.. ⁴ 11,768.7	30	40	50	62
		1958.. ⁴ 11,257.0	33	44	54	64
20111	Beef, not canned or made into sausage.....1972..	11,771.1	30	42	58	72
		1967..7,398.5	26	35	49	63
		1963..5,707.8	26	34	46	59
		1958..5,019.4	31	38	49	61
20112	Veal, not canned or made into sausage.....1972..	1954..3,943.1	36	43	51	(NA)
		241.5	27	46	70	91
		1967..307.7	37	50	68	86
		1963..310.8	36	44	60	78
20113	Lamb and mutton, not canned or made into sausage.....1972..	1958..414.1	41	50	65	80
		1954..397.6	49	56	67	(NA)
		330.5	55	76	96	99+
		1967..312.7	57	73	91	99
20114	Pork, fresh and frozen.....1972..	1963..300.1	54	67	85	97
		1958..305.2	60	69	85	96
		1954..298.5	61	74	87	(NA)
		4,220.9	37	50	73	91
20115	Lard.....1972..	1967..182.2	33	51	71	87
		1963..223.6	33	51	71	85
		1958..332.0	41	58	75	87
		1954..383.2	45	63	78	(NA)
20116	Pork, processed (not canned or made into sausage) made in meat- packing plants. (See product class 20136.).....1972..	⁴ 1,427.6	34	48	69	88
		1967.. ⁴ 1,324.0	30	47	67	85
		1963.. ⁴ 1,176.1	33	49	66	82
		1958.. ⁴ 1,349.0	37	56	71	84
20117	Sausage, and similar products (not canned), made in meatpacking plants. (See product class 20137.).....1972..	⁴ 1,340.7	26	38	58	80
		1967.. ⁴ 1,020.7	27	40	57	75
		1963.. ⁴ 850.6	27	41	56	72
		1958.. ⁴ 836.0	28	39	54	68
20118	Canned meats (except animal feed and baby food) containing 20 per- cent or more meats, made in meatpacking plants. (See product class 20138.) ⁵.....1972..	⁴ 634.3	68	87	99+	100
		1967.. ⁴ 490.4	57	82	98	100
		1963.. ⁴ 482.2	58	81	98	100
		1958.. ⁴ 406.5	62	83	97	99
20119	Hides, skins, and pelts.....1972..	579.9	30	41	56	72
		1967..276.3	32	43	55	69
		1963..223.4	33	41	53	67
		1958..295.7	33	39	(NA)	(NA)
2011X	Other meatpacking plant products, except sausage casings.....1972..	1954..225.5	43	49	57	(NA)
		126.8	(S)	(S)	(NA)	(NA)
		1967..100.7	(S)	(S)	(NA)	(NA)
		1963..87.8	37	61	(NA)	(NA)
20110	Miscellaneous byproducts of meatpacking plant ⁵.....1972..	1958..105.7	49	63	(NA)	(NA)
		1954..109.0	61	69	79	(NA)
		793.0	(X)	(X)	(X)	(X)
		1967..461.0	(X)	(X)	(X)	(X)
2013-	Sausages and other prepared meats.....1972..	1963..203.8	(X)	(X)	(X)	(X)
		1958..169.2	(X)	(X)	(X)	(X)
		1954..60.5	(X)	(X)	(X)	(NA)
		⁴ 3,905.1	16	25	37	53
20136	Pork, processed or cured (not canned or made into sausage), not made in meatpacking plants. (See product class 20116.).....1972..	1967.. ⁴ 2,583.1	15	22	36	51
		1963.. ⁴ 1,798.7	14	21	35	50
		1958.. ⁴ 1,494.5	16	24	(NA)	(NA)
		⁴ 985.9	24	35	54	75
		1967.. ⁴ 684.0	20	31	53	76
		1963.. ⁴ 458.6	21	34	56	76
		1958.. ⁴ 472.7	23	36	58	80

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued				
2013-	Sausages and other prepared meats--Continued					
20137	Sausage and similar products (not canned), not made in meatpacking plants. (See also product class 20117.).....1972..	⁴ 1,923.7	23	31	43	59
	.....1967..	⁴ 1,265.9	22	30	41	55
	.....1963..	⁴ 905.6	18	25	37	51
	.....1958..	⁴ 690.2	19	25	36	51
20138	Canned meats (except animal feed and baby foods) containing 20 per- cent or more meat, not made in meatpacking plants. (See product class 20118.) ⁵.....1972..	⁴ 472.0	34	51	77	97
	.....1967..	⁴ 366.0	33	49	71	94
	.....1963..	⁴ 247.9	34	48	74	95
	.....1958..	⁴ 192.1	34	48	75	96
20139	Natural sausage casings.....1972..	114.9	40	58	79	97
	.....1967..	83.4	32	52	79	95
	.....1963..	91.7	37	54	77	94
20130	Sausages and other prepared meats, n.s.k.....1972..	408.6	(X)	(X)	(X)	(X)
	.....1967..	183.8	(X)	(X)	(X)	(X)
	.....1963..	73.2	(X)	(X)	(X)	(X)
2016-	Poultry dressing plants.....1972..	3,058.2	16	25	42	62
20161	Young chickens (usually under 20 weeks of age), including broilers, fryers, roasters, and capons.....1972..	2,198.0	17	27	47	71
20162	Hens and/or fowl ⁶.....1972..	147.8	39	57	82	98
	1967 product class 20151, Hens (or fowl) and chickens ⁶.....1967..	1,849.5	17	26	40	60
	.....1963..	1,480.0	14	21	36	55
	.....1958..	1,178.4	12	17	29	48
	.....1954..	899.3	18	25	35	(NA)
20163	Turkeys (1967 product class 20153).....1972..	539.0	40	56	79	98
	.....1967..	504.7	28	39	61	87
	.....1963..	371.9	23	35	56	85
	.....1958..	257.9	23	32	52	79
	.....1954..	203.8	22	31	49	(NA)
20164	Other poultry and small game (1967 product class 20155).....1972..	23.7	69	89	100	(X)
	.....1967..	19.7	81	91	99+	100
	.....1963..	14.3	83	89	98	100
	.....1958..	19.4	44	58	81	96
20160	Poultry dressing plants, n.s.k.....1972..	149.7	(X)	(X)	(X)	(X)
2017-	Poultry and egg processing.....1972..	525.5	23	37	61	86
20171	Processed poultry, except soups (1967 product class 20154).....1972..	358.1	34	51	78	98
	.....1967..	141.8	50	65	90	100
	.....1963..	⁷ 39.1	40	68	94	100
	.....1958..	⁷ 25.6	(⁷)	(⁷)	(⁷)	(⁷)
20172	Liquid, dried, and frozen eggs (1967 product class 20156).....1972..	156.7	36	53	82	100
	.....1967..	159.6	43	58	82	99+
	.....1963..	139.7	33	48	74	98
	.....1958..	150.7	30	45	73	97
	.....1954..	148.0	34	51	76	(NA)
20170	Poultry and egg processing, n.s.k.....1972..	10.7	(X)	(X)	(X)	(X)
20210	Creamery butter.....1972..	791.1	37	47	61	78
	.....1967..	836.5	14	20	33	51
	.....1963..	820.4	8	14	25	40
	.....1958..	802.3	11	15	24	37
	.....1954..	858.5	14	19	28	(NA)
2022-	Cheese, natural and processed.....1972..	2,753.5	40	51	62	74
	.....1967..	1,533.8	45	53	62	71
	.....1963..	⁸ 1,070.0	45	50	59	68
	.....1958..	⁸ 761.9	(⁸)	(⁸)	(⁸)	(⁸)
20221	Natural cheese, except cottage cheese.....1972..	1,400.0	36	46	63	77
	.....1967..	829.2	38	44	55	68
	.....1963..	⁸ 681.5	34	39	49	61
20222	Process cheese and related products.....1972..	1,134.0	60	74	86	95
	.....1967..	562.5	72	84	94	99
	.....1963..	⁸ 388.5	67	74	(NA)	(NA)
20220	Natural and processed cheese, n.s.k.....1972..	219.5	(X)	(X)	(X)	(X)
	.....1967..	142.1	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued				
2023-	Condensed and evaporated milk.....1972..	1,722.6	34	52	66	80
	1967..	1,422.7	35	47	61	73
	1963..	1,104.5	33	42	55	70
	1958..	977.9	38	48	58	72
20231	Dry milk products.....1972..	880.3	45	59	73	90
	1967..	632.0	35	45	57	73
	1963..	504.4	22	30	47	65
	1958..	421.1	22	33	49	69
20232	Canned milk products (consumer type cans).....1972..	427.7	69	83	98	100
	1967..	475.5	62	81	95	100
	1963..	363.0	66	78	93	100
	1958..	352.1	78	85	97	99
	1954..	341.2	79	86	97	(NA)
20233	Concentrated milk, shipped in bulk.....1972..	131.9	29	47	75	98
	1967..	79.3	31	49	75	94
	1963..	75.3	41	54	74	91
	1958..	84.2	38	54	76	92
	1954..	91.1	45	58	73	(NA)
20234	Ice cream mix and ice milk mix.....1972..	227.7	16	30	50	72
	1967..	201.1	15	26	44	70
	1963..	157.8	17	26	45	69
	1958..	118.5	23	35	56	77
	1954..	119.5	24	33	46	(NA)
20230	Condensed and evaporated milk, n.s.k.....1972..	55.0	(X)	(X)	(X)	(X)
	1967..	34.8	(X)	(X)	(X)	(X)
	1963..	3.9	(X)	(X)	(X)	(X)
	1958..	2.0	(X)	(X)	(X)	(X)
20240	Ice cream and ices.....1972..	1,519.3	27	37	54	70
	1967..	1,273.6	32	42	57	68
	1963..	1,210.0	34	43	57	65
	1958..	1,137.7	35	44	54	62
	1954..	954.3	33	41	52	(NA)
2026-	Fluid milk.....1972..	7,662.5	17	26	41	54
	1967..	6,603.4	21	29	40	49
	1963..	6,016.6	22	29	38	46
	1958..	5,577.0	23	29	37	44
20261	Bulk fluid milk and cream.....1972..	1,258.8	23	34	53	72
	1967..	923.5	17	27	42	60
	1963..	950.5	15	22	34	50
	1958..	817.5	16	24	38	53
	1954..	715.6	18	27	39	(NA)
20262	Packaged fluid milk and related products.....1972..	5,078.9	19	29	45	59
	1967..	4,454.9	25	34	45	55
	1963..	4,285.1	25	32	42	50
	1958..	4,110.3	26	32	40	47
20263	Cottage cheese (including bakers' cheese, pot cheese, and farmers' cheese).....1972..	340.9	27	41	62	81
	1967..	218.0	36	50	68	81
	1963..	189.1	32	45	58	72
	1958..	185.3	32	44	58	70
20264	Buttermilk, chocolate drink, and other flavored milk products.....1972..	423.0	29	39	55	70
	1967..	286.0	31	39	50	62
	1963..	252.7	31	40	50	59
	1958..	213.0	30	37	44	53
20260	Fluid milk and related products, n.s.k.....1972..	560.9	(X)	(X)	(X)	(X)
	1967..	721.0	(X)	(X)	(X)	(X)
	1963..	339.2	(X)	(X)	(X)	(X)
	1958..	250.9	(X)	(X)	(X)	(X)
2032-	Canned specialties.....1972..	⁹ 1,629.9	62	76	89	96
	1967..	⁹ 1,190.7	64	77	88	96
	1963..	⁹ 946.6	69	79	89	96
	1958..	⁹ 827.6	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)
20321	Canned baby foods ⁵.....1972..	⁹ 346.7	95	99	99+	100
	1967..	⁹ 246.3	93	98	100	(X)
	1963..	⁹ 230.8	95	99	100	(X)
	1958..	⁹ 185.2	94	99	100	(X)
	1954..	⁹ 148.7	(D)	100	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ --			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued				
2032-	Canned specialties--Continued					
20323	Canned dry beans.....1972..	\$305.8	50	68	89	99+
	.....1967..	\$246.1	49	64	86	98
	.....1963..	\$200.3	44	63	85	97
	.....1958..	\$166.9	46	63	81	94
20322	} Soups and other canned specialties and canned specialties, n.s.k.....1972..	\$977.4	64	86	(NA)	(NA)
20324		\$698.3	83	89	(NA)	(NA)
20320		\$515.5	84	89	(NA)	(NA)
2033-	Canned fruits and vegetables.....1972..	\$3,922.7	18	29	51	69
	.....1967..	\$3,222.3	23	35	52	68
	.....1963..	\$2,585.8	24	35	49	64
	.....1958..	\$2,191.5	(¹¹)	(¹¹)	(¹¹)	(¹¹)
20331	Canned fruits (except baby foods).....1972..	\$828.4	35	50	75	92
	.....1967..	\$818.3	34	51	75	90
	.....1963..	\$721.7	37	52	73	86
	.....1958..	\$639.7	(¹¹)	(¹¹)	(¹¹)	(¹¹)
20332	Canned vegetables (except hominy and mushrooms).....1972..	\$1,067.1	35	46	64	85
	.....1967..	\$957.5	38	46	61	78
	.....1963..	\$767.7	34	41	55	71
	.....1958..	\$638.6	(¹²)	(¹²)	(¹²)	(¹²)
20333	Canned hominy and mushrooms.....1972..	\$98.2	39	57	89	100
	.....1967..	\$51.6	39	62	91	100
	.....1963..	\$39.0	34	55	90	100
	.....1958..	\$34.8	37	57	90	100
20334	Canned fruit juices, nectars, and concentrates.....1972..	\$709.2	29	45	66	85
	.....1967..	\$413.5	31	45	69	86
	.....1963..	\$380.5	31	43	66	85
	.....1958..	\$294.2	(¹¹)	(¹¹)	(¹¹)	(¹¹)
20335	Canned vegetable juices.....1972..	\$155.7	62	76	92	99+
	.....1967..	\$104.2	62	72	88	98
	.....1963..	\$91.1	55	69	86	98
	.....1958..	\$93.3	58	69	84	96
	.....1954..	\$64.5	58	69	81	(NA)
20336	Catsup and other tomato sauces.....1972..	\$603.3	56	70	87	98
	.....1967..	\$507.7	55	68	86	97
	.....1963..	\$297.9	49	63	80	94
	.....1958..	\$245.6	55	65	80	93
20338	Jams, jellies, and preserves.....1972..	\$280.3	40	55	79	96
	.....1967..	\$245.2	35	49	70	90
	.....1963..	\$227.3	31	44	63	84
	.....1958..	\$197.9	28	38	56	76
	.....1954..	\$160.0	26	36	53	(NA)
20330	Canned fruits and vegetables, n.s.k.....1972..	\$180.5	(X)	(X)	(X)	(X)
	.....1967..	\$124.3	(X)	(X)	(X)	(X)
	.....1963..	\$58.5	(X)	(X)	(X)	(X)
	.....1958..	\$47.4	(X)	(X)	(X)	(X)
2034-	Dehydrated fruits, vegetables, and soups.....1972..	625.9	31	50	74	92
	.....1967..	450.9	29	46	70	91
	.....1963..	334.9	35	51	74	92
	.....1958..	276.8	44	64	80	96
	.....1954..	185.5	50	68	85	(NA)
20341	Dried fruits and vegetables, except soup mixes.....1972..	466.4	32	51	79	97
	.....1967..	344.9	32	50	77	97
	.....1963..	284.5	39	55	77	95
20342	Soup mixes, dried.....1972..	126.7	75	86	97	100
	.....1967..	76.4	73	83	97	100
	.....1963..	44.5	84	91	99	100
20340	Dehydrated fruits, vegetables and soup mixes, n.s.k.....1972..	32.8	(X)	(X)	(X)	(X)
	.....1967..	29.6	(X)	(X)	(X)	(X)
	.....1963..	5.9	(X)	(X)	(X)	(X)
2035-	Pickles, sauces, and salad dressings.....1972..	\$1,165.1	30	42	57	76
	.....1967..	\$792.9	29	40	56	74
	.....1963..	\$619.0	29	40	55	71
	.....1958..	\$496.1	29	38	51	68

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued				
2035-	Pickles, sauces, and salad dressings--Continued					
20352	Pickles and other pickled products.....1972..	³ 362.5	38	51	74	91
	.....1967..	³ 260.6	29	43	65	86
	.....1963..	³ 220.5	23	34	53	77
	.....1958..	³ 170.1	20	30	50	73
	.....1954..	³ 135.6	18	29	49	(NA)
20353	Meat sauces (except tomato).....1972..	³ 151.3	50	66	86	97
	.....1967..	³ 98.5	47	63	82	95
	.....1963..	³ 102.0	45	57	78	92
	.....1958..	³ 67.6	35	47	66	83
20354	Mayonnaise, salad dressings, and sandwich spreads.....1972..	³ 576.0	52	62	76	92
	.....1967..	³ 373.9	55	65	78	92
	.....1963..	³ 278.6	56	68	80	93
20350	Pickles, sauces, and salad dressings, n.s.k.....1972..	³ 75.3	(X)	(X)	(X)	(X)
	.....1967..	³ 59.9	(X)	(X)	(X)	(X)
	.....1963..	³ 18.0	(X)	(X)	(X)	(X)
2037-	Frozen fruits and vegetables.....1972..	³ 1,644.4	28	42	64	86
20371	Frozen fruits, juices, and ades ⁵.....1972..	³ 730.0	41	54	77	93
	.....1967..	³ 419.5	30	43	68	90
	.....1963..	³ 436.3	28	42	65	86
	.....1958..	³ 358.0	34	48	72	90
	.....1954..	³ 256.5	40	54	74	(NA)
20372	Frozen vegetables.....1972..	³ 914.4	35	57	82	97
	.....1967..	³ 579.9	34	53	76	95
	.....1963..	³ 396.0	39	56	75	92
	.....1958..	³ 231.1	45	59	76	93
	.....1954..	³ 168.1	52	63	78	(NA)
20370	Frozen fruits and vegetables, n.s.k.....1972..	(¹³)	(X)	(X)	(X)	(X)
2038-	Frozen specialties.....1972..	1,743.0	36	48	65	82
20381	Frozen pies and other frozen baked goods ¹⁴.....1972..	387.5	51	65	89	99
20382	Frozen dinners, beef, pork, poultry pies, and nationality foods, etc. ¹⁴.....1972..	702.5	58	72	90	99
20383	Other frozen specialties ¹⁴.....1972..	492.5	35	54	81	95
	1967 SIC 20373, Frozen specialties ¹⁴.....1967..	³ 889.4	49	59	74	87
	.....1963..	³ 608.1	46	53	66	81
	.....1958..	³ 292.9	(¹²)	(¹²)	(¹²)	(¹²)
20380	Other frozen specialties, n.s.k.....1972..	¹³ 160.5	(X)	(X)	(X)	(X)
2041-	Flour and other grain mill products.....1972..	⁴ 2,374.1	32	53	76	91
	.....1967..	⁴ 2,322.5	31	45	70	88
	.....1963..	⁴ 2,070.6	36	51	70	87
	.....1958..	⁴ 1,914.1	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
20411	Wheat flour, except flour mixes.....1972..	1,626.7	37	62	84	96
	.....1967..	1,557.7	37	55	78	94
	.....1963..	1,490.9	40	58	77	92
	.....1958..	1,398.9	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
20412	Wheat mill products other than flour.....1972..	222.6	37	61	84	97
	.....1967..	204.3	35	55	77	94
	.....1963..	199.5	38	56	77	93
	.....1958..	167.9	40	55	71	89
	.....1954..	195.1	42	58	74	(NA)
20413	Corn mill products.....1972..	241.9	60	77	92	99
	.....1967..	261.8	62	77	91	97
	.....1963..	193.0	(¹⁶)	(¹⁶)	(¹⁶)	(¹⁶)
20415	Flour mixes and refrigerated doughs, made in flour mills. (See product class 20455.).....1972..	⁴ 143.5	79	91	99	100
	.....1967..	⁴ 148.6	70	93	99	100
	.....1963..	⁴ 115.1	71	86	96	99
	.....1958..	⁴ 134.5	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
	.....1954..	⁴ 194.1	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
20416	Other grain mill products.....1972..	45.6	51	77	99	100
	.....1967..	43.4	46	69	97	100
	.....1963..	46.0	(¹⁶)	(¹⁶)	(¹⁶)	(¹⁶)
20410	Flour and other grain mill products, n.s.k.....1972..	93.8	(X)	(X)	(X)	(X)
	.....1967..	106.7	(X)	(X)	(X)	(X)
	.....1963..	26.3	(X)	(X)	(X)	(X)
	.....1958..	25.3	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued				
20430	Cereal breakfast foods.....1972..	934.6	84	96	99	100
	.....1967..	715.7	82	94	99	100
	.....1963..	561.4	82	94	99	100
	.....1958..	431.8	80	91	98	99
	.....1954..	331.0	78	89	98	(NA)
20440	Milled rice and byproducts.....1972..	671.2	42	67	90	99+
	.....1967..	548.0	45	67	88	100
	.....1963..	407.1	46	68	86	100
	.....1958..	281.3	44	65	82	99
	.....1954..	264.8	40	59	81	(NA)
20455	Flour mixes and refrigerated doughs, not made in flour mills. (See product class 20415.) ¹⁵.....1972..	⁴ 648.4	62	79	90	97
	.....1967..	⁴ 496.3	63	80	90	96
	.....1963..	⁴ 410.9	65	79	89	95
20460	Wet corn milling.....1972..	786.8	63	85	99	100
	.....1967..	646.6	64	87	98	100
	.....1963..	547.2	65	87	97	100
	.....1958..	482.6	68	88	(NA)	(NA)
2047-	Dog, cat, and other pet food ¹⁷.....1972..	1,463.9	50	67	81	90
20471	Dog and cat food ¹⁷.....1972..	1,317.4	54	73	87	95
20472	Other pet and specialty feed ¹⁷.....1972..	146.5	26	38	60	82
2048-	Prepared feeds, n.e.c. ¹⁷.....1972..	4,662.8	22	30	42	57
20481	Egg-type feed, including starter-grower and layer-breeder ¹⁷.....1972..	711.6	30	42	59	78
20482	Broiler feed ¹⁷.....1972..	568.8	26	41	65	94
20483	Turkey feed ¹⁷.....1972..	159.9	34	50	76	96
20484	Dairy cattle feed ¹⁷.....1972..	754.7	32	43	62	79
20485	Swine feed ¹⁷.....1972..	754.2	38	53	72	86
20486	Beef cattle feed ¹⁷.....1972..	546.0	27	38	57	75
20487	Horse and mule feed ¹⁷.....1972..	92.3	34	46	64	83
20488	Other poultry and livestock feed ¹⁷.....1972..	145.0	44	56	75	90
20489	Other prepared animal feeds ¹⁷.....1972..	167.7	23	35	54	75
20480	Prepared feeds, n.e.c., n.s.k. ¹⁷.....1972..	¹⁸ 762.6	(X)	(X)	(X)	(X)
2051-	Bread, cake, and related products.....1972..	5,160.9	27	37	48	60
	.....1967..	4,320.4	25	36	45	56
	.....1963..	3,829.8	22	34	43	54
	.....1958..	3,555.9	21	33	42	51
	.....1954..	2,987.9	19	32	42	(NA)
20511	Bread, white, wheat, and rye ¹⁹.....1972..	2,444.5	32	43	56	68
20512	Rolls, bread-type, including brown and serve, stuffing and crumbs ¹⁹ ...1972..	896.5	28	38	51	66
	1967 product class 20511, Bread and bread-type rolls ¹⁹.....1967..	2,793.5	28	38	49	60
	.....1963..	2,496.6	24	36	47	59
	.....1958..	2,221.0	25	37	48	58
	.....1954..	2,009.2	22	35	47	(NA)
20513	Sweet yeast goods.....1972..	430.2	24	36	56	74
	.....1967..	393.0	19	30	46	63
	.....1963..	330.5	21	29	43	56
	.....1958..	295.5	20	28	41	54
	.....1954..	233.9	15	23	37	(NA)
20514	Soft cakes.....1972..	552.4	48	60	74	88
	.....1967..	478.5	39	57	70	84
	.....1963..	438.0	31	50	64	76
	.....1958..	413.3	32	48	62	75
	.....1954..	372.4	31	45	48	(NA)
20515	Pies.....1972..	224.0	41	55	72	88
	.....1967..	226.7	40	53	66	84
	.....1963..	205.9	27	38	55	71
	.....1958..	201.5	23	33	50	66
	.....1954..	185.9	20	28	43	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued				
2051-	Bread, cake, and related products--Continued					
20516	Pastries.....1972..	49.6	33	55	77	93
	.....1967..	51.2	32	46	67	83
	.....1963..	51.2	24	37	56	76
	.....1958..	39.9	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
20517	Doughnuts (cake type).....1972..	179.3	50	60	72	87
	.....1967..	164.0	38	53	64	78
	.....1963..	141.4	32	44	56	69
	.....1958..	125.2	23	34	47	62
	.....1954..	113.3	21	32	45	(NA)
20510	Bread, cake, and related products, n.s.k.....1972..	384.4	(X)	(X)	(X)	(X)
	.....1967..	213.6	(X)	(X)	(X)	(X)
	.....1963..	166.3	(X)	(X)	(X)	(X)
	.....1958..	259.6	(X)	(X)	(X)	(X)
2052-	Cookies and crackers.....1972..	1,713.3	58	67	80	91
	.....1967..	1,349.5	56	65	78	89
	.....1963..	1,137.6	58	66	77	89
	.....1958..	982.0	61	68	77	86
20521	Crackers and pretzels.....1972..	715.0	68	77	89	98
	.....1967..	494.0	71	78	89	(NA)
	.....1963..	450.2	71	81	92	98
	.....1958..	349.8	77	84	92	99
20522	Cookies and ice cream cones.....1972..	976.5	55	67	81	93
	.....1967..	832.2	51	63	78	91
	.....1963..	679.8	52	60	75	88
	.....1958..	618.8	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
20520	Cookies and crackers, n.s.k.....1972..	21.8	(X)	(X)	(X)	(X)
	.....1967..	23.3	(X)	(X)	(X)	(X)
	.....1963..	7.6	(X)	(X)	(X)	(X)
	.....1958..	13.4	(X)	(X)	(X)	(X)
20610	Sugar cane mill products and byproducts.....1972..	419.6	43	60	83	99
	.....1967..	363.5	42	62	82	99
	.....1963 ¹¹	373.5	47	65	82	100
20620	Refined cane sugar and byproducts.....1972..	1,746.4	58	83	99	100
	.....1967..	1,336.2	59	83	100	(X)
	.....1963..	1,255.0	62	82	100	(X)
	.....1958..	996.2	69	87	(D)	100
	.....1954..	859.0	(¹²)	(¹²)	100	(X)
20630	Refined beet sugar and byproducts.....1972..	866.4	66	97	100	(X)
	.....1967..	550.8	67	96	100	(X)
	.....1963..	553.7	66	97	100	(X)
	.....1958..	379.8	64	94	100	(X)
	.....1954..	289.6	66	96	100	(X)
2065-	Confectionery products (1967 product group 2071-).....1972..	⁴ 2,337.0	32	43	59	75
	.....1967..	⁴ 1,812.7	24	35	51	67
	.....1963..	⁴ 1,393.9	15	26	44	63
	.....1958..	⁴ 1,172.8	17	26	41	60
	.....1954..	⁴ 982.5	18	26	41	(NA)
20651	Bar goods (except solid chocolate bars) (1967 product class 20711)....1972..	427.7	66	81	93	99
	.....1967..	354.4	54	71	87	96
	.....1963..	265.6	48	61	82	96
	.....1958..	262.3	51	62	81	94
	.....1954..	230.2	49	62	78	(NA)
20652	5 cent and 10 cent specialties (1967 product class 20712).....1972..	244.1	51	69	88	99
	.....1967..	203.2	48	66	87	98
	.....1963..	128.2	51	65	83	96
	.....1958..	102.7	42	56	78	94
	.....1954..	85.1	40	54	75	(NA)
20653	Package goods (except solid chocolate) (1967 product class 20713).....1972..	713.6	37	49	68	85
	.....1967..	551.6	31	41	59	80
	.....1963..	480.3	24	36	53	74
	.....1958..	386.9	23	32	50	70
	.....1954..	297.5	24	36	57	(NA)
20654	Bulk goods (except solid chocolate) (1967 product class 20714).....1972..	134.5	31	41	61	85
	.....1967..	136.3	28	40	55	78
	.....1963..	132.6	26	38	54	74
	.....1958..	135.7	23	34	50	69
	.....1954..	154.7	23	33	50	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 20.—FOOD AND KINDRED PRODUCTS--Continued				
2065-	Confectionery products--Continued					
20655	Penny goods (1967 product class 20715).....1972..	67.6	34	52	82	99
	1967..	66.8	34	51	77	96
	1963..	62.7	33	46	71	92
	1958..	50.1	37	49	70	90
20657	Chocolate-type confectionery made from purchased chocolate. (See also product class 20662.) ²⁰.....1972..	⁴ 116.8	44	60	81	97
20658	Salted nuts and other confectionery-type products (1967 product class 20716) ²⁰.....1972..	528.5	47	57	76	91
	1967..	⁴ 384.8	37	45	63	84
	1963..	⁴ 294.0	28	40	58	78
	1958..	⁴ 216.4	29	40	58	78
20650	Confectionery products, n.s.k.(1967 product class 20710).....1972..	104.2	(X)	(X)	(X)	(X)
	1967..	115.6	(X)	(X)	(X)	(X)
	1963..	30.4	(X)	(X)	(X)	(X)
	1958..	18.9	(X)	(X)	(X)	(X)
2066-	Chocolate and cocoa products (1967 product group 2072-).....1972..	⁴ 724.0	72	86	99+	100
	1967..	⁴ 546.4	74	87	99	100
	1963..	⁴ 480.6	71	83	96	100
	1958..	⁴ 442.3	69	83	97	100
20661	Chocolate coatings (1967 product class 20721).....1972..	167.0	54	84	99	100
	1967..	137.8	56	84	98	100
	1963..	139.6	45	73	96	100
	1958..	143.6	46	71	97	100
20662	Confectionery-type chocolate and cocoa products, made from cocoa beans ground in the same establishment. (See also product class 20657.) (1967 product class 20722).....1972..	⁴ 289.5	(D)	98	100	(X)
	1967..	⁴ 205.1	(D)	99	100	(X)
	1963..	⁴ 179.9	(D)	98	100	(X)
	1958..	⁴ 141.8	88	96	100	(X)
20668	Other chocolate and cocoa products made from cocoa beans or nibs ground in the same establishment. (See also product class 20998.) (1967 product class 20728).....1972..	⁴ 262.5	83	93	100	(X)
	1967..	⁴ 192.8	89	97	100	100
	1963..	⁴ 161.2	79	88	98	100
	1958..	⁴ 156.8	81	93	100	(X)
20660	Chocolate and cocoa products, n.s.k. ¹⁶ (1967 product class 20720).....1972..	5.0	(X)	(X)	(X)	(X)
	1967..	10.7	(X)	(X)	(X)	(X)
20670	Chewing gum and chewing gum base (1967 product class 20730).....1972..	384.8	84	97	99+	100
	1967..	271.9	81	94	99+	100
	1963..	206.8	86	95	100	(X)
	1958..	175.1	83	92	98	100
	1954..	153.5	84	93	99	(NA)
2074-	Cottonseed oil mill products (1967 product group 2091-).....1972..	410.8	42	55	74	96
	1967..	365.7	44	60	76	94
	1963..	490.7	40	54	68	88
	1958..	377.3	44	56	72	91
	1954..	559.6	44	54	70	(NA)
20741	Cottonseed oil, crude (1967 product class 20911).....1972..	125.9	43	57	78	99
	1967..	114.8	43	58	77	97
	1963..	174.1	41	53	69	90
	1958..	162.7	43	53	72	91
20742	Cottonseed oil, once refined (1967 product class 20912).....1972..	73.4	62	88	100	(X)
	1967..	56.2	75	96	100	(X)
	1963..	65.7	68	85	100	(X)
	1958..	47.7	71	89	99	100
20743	Cotton linters (1967 product class 20913).....1972..	29.2	40	57	80	99
	1967..	38.3	41	62	80	96
	1963..	37.7	37	54	71	90
	1958..	28.7	40	57	75	92
20744	Cottonseed cake, meal, and other byproducts (1967 product class 20914).....1972..	175.3	39	58	78	98
	1967..	148.0	40	60	77	95
	1963..	208.1	37	53	68	89
	1958..	131.3	42	55	71	89
20740	Cottonseed oil mill products, n.s.k. (1967 product class 20910).....1972..	7.0	(X)	(X)	(X)	(X)
	1967..	8.4	(X)	(X)	(X)	(X)
	1963..	5.1	(X)	(X)	(X)	(X)
	1958..	6.9	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued				
2075-	Soybean oil mill products (1967 product group 2092-).....1972..	2,652.2	52	68	90	99
	1967..	1,740.8	55	73	90	99
	1963..	1,293.6	48	67	86	99
	1958..	919.7	37	61	84	97
	1954..	762.9	37	62	87	(NA)
20751	Soybean oil (1967 product class 20921).....1972..	802.4	51	70	91	99+
	1967..	594.3	55	73	90	99+
	1963..	458.9	46	67	86	99
	1958..	425.9	39	61	84	98
20752	Soybean cake, meal, and other byproducts (1967 product class 20922).....1972..	1,844.0	53	70	92	99+
	1967..	1,143.4	56	76	92	99+
	1963..	831.4	49	69	87	99
	1958..	487.4	37	61	85	98
20750	Soybean oil mill products, n.s.k.(1967 product class 20920).....1972..	5.8	(X)	(X)	(X)	(X)
	1967..	3.1	(X)	(X)	(X)	(X)
	1963..	3.4	(X)	(X)	(X)	(X)
	1958..	6.4	(X)	(X)	(X)	(X)
2076-	Vegetable oil mill products, n.e.c.(1967 product group 2093-).....1972..	272.1	45	70	94	100
	1967..	205.9	46	67	95	99+
	1963..	196.8	54	79	93	100
	1958..	189.3	61	88	98	99
20761	Linseed oil (1967 product class 20931).....1972..	44.4	98	100	(X)	(X)
	1967..	48.2	86	99	100	(X)
	1963..	50.2	84	99	100	(X)
	1958..	63.2	77	99	100	(X)
20762	Vegetable oils (other than cottonseed, soybean, and linseed) (1967 product class 20932).....1972..	157.4	53	70	94	100
	1967..	113.4	52	74	97	100
	1963..	105.2	66	83	95	100
	1958..	82.7	75	88	98	100
20763	Other vegetable oil mill products, except cottonseed and soybean (1967 product class 20933).....1972..	67.9	61	82	99	100
	1967..	41.8	53	78	98	100
	1963..	39.5	59	85	98	100
	1958..	43.3	70	92	99	100
20760	Vegetable oil mill products, n.e.c., n.s.k.(1967 product class 20930).....1972..	2.4	(X)	(X)	(X)	(X)
	1967..	2.5	(X)	(X)	(X)	(X)
	1963..	2.0	(X)	(X)	(X)	(X)
2077-	Animal and marine fats and oils (1967 product group 2094-).....1972..	977.1	17	26	41	60
	1967..	709.4	18	26	41	57
	1963..	642.9	18	27	40	56
	1958..	² 534.3	19	28	(NA)	(NA)
20771	Grease and inedible tallow (1967 product class 20941).....1972..	419.4	22	33	51	72
	1967..	302.6	23	33	49	65
	1963..	264.2	26	34	48	64
	1958..	246.7	23	34	47	61
	1954..	182.6	25	36	49	(NA)
20772	Meat meal and tankage (1967 product class 20942).....1972..	389.2	19	31	48	68
	1967..	277.8	20	31	47	66
	1963..	246.7	20	29	45	64
	1958..	174.3	22	30	44	60
	1954..	169.7	29	37	52	(NA)
20773	Animal and marine oil products, including foots (1967 product class 20943).....1972..	121.8	42	54	75	95
	1967..	96.3	41	54	74	94
	1963..	111.3	36	50	74	94
	1958..	104.3	37	50	69	91
20770	Animal and marine fats and oils, n.s.k.(1967 product class 20940).....1972..	46.7	(X)	(X)	(X)	(X)
	1967..	32.7	(X)	(X)	(X)	(X)
	1963..	20.7	(X)	(X)	(X)	(X)
	1958..	8.9	(X)	(X)	(X)	(X)
2079-	Shortening and cooking oils (1967 product group 2096-).....1972..	2,232.6	40	61	87	99
	1967..	1,690.4	42	64	88	99
	1963..	1,230.7	41	63	89	99
	1958..	1,191.3	43	65	89	99

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued				
2079-	Shortening and cooking oils--Continued					
20791	Shortening and cooking oils (1967 product class 20961).....1972..	1,643.6	50	70	89	99
	.....1967..	1,233.9	53	72	92	99
	.....1963..	907.4	51	74	92	98
	.....1958..	895.4	50	73	94	99
	.....1954..	888.3	55	79	95	(NA)
20792	Margarine (1967 product class 20962).....1972..	586.3	54	81	99	100
	.....1967..	456.5	47	72	97	100
	.....1963..	323.2	50	73	97	100
	.....1958..	295.9	46	70	94	100
	.....1954..	278.5	39	64	93	(NA)
20790	Shortening and cooking oils, n.s.k.....1972..	2.7	(X)	(X)	(X)	(X)
2082-	Malt beverages ²².....1972..	4,038.6	52	70	91	99
	.....1967..	2,900.3	40	59	87	98
	.....1963..	2,282.0	34	52	79	94
	.....1958..	1,972.1	29	45	69	88
	.....1954..	1,854.8	27	41	60	(NA)
20821	Canned beer and ale ²².....1972..	2,206.3	59	77	96	100
20822	Bottled beer and ale ²².....1972..	1,416.6	46	65	89	99
20823	Beer and ale in barrels and kegs ²².....1972..	264.1	51	67	91	100
20824	All other malt beverages and brewing byproducts ²².....1972..	116.5	73	86	98	100
20820	Malt beverages, n.s.k. ²².....1972..	35.1	(X)	(X)	(X)	(X)
	1967 product class 20820, Malt liquors and brewing products ²².....1967..	2,900.3	40	59	87	98
	.....1963..	2,282.0	34	52	79	94
	.....1958..	1,972.1	29	45	69	88
	.....1954..	1,854.8	27	41	60	(NA)
20830	Malt and malt byproducts.....1972..	212.9	49	76	98	100
	.....1967..	200.0	42	67	95	100
	.....1963..	185.1	37	62	94	100
	.....1958..	184.9	50	69	95	100
	.....1954..	193.1	47	68	93	(NA)
20840	Wines, brandy, and brandy spirits.....1972..	²³ 851.0	52	66	84	94
	.....1967..	²³ 414.9	48	62	78	91
	.....1963..	²³ 352.6	50	63	76	90
2085-	Distilled liquor, except brandy.....1972..	⁹ 1,557.2	50	72	90	99
	.....1967..	⁹ 1,246.1	52	70	87	99
	.....1963..	⁹ 959.9	56	73	92	99
	.....1958..	⁹ 809.9	60	77	94	98
	.....1954..	⁹ 684.3	63	80	93	(NA)
20851	Distilled liquors, except brandy.....1972..	⁹ 153.7	49	76	98	100
	.....1967..	⁹ 202.3	50	74	96	100
	.....1963..	⁹ 163.0	51	76	97	100
	.....1958..	⁹ 144.9	55	71	95	100
20853	Bottled liquors, except brandy.....1972..	⁹ 1,396.3	51	73	92	99+
	.....1967..	⁹ 1,043.8	53	71	89	99+
	.....1963..	⁹ 796.6	58	75	93	100
	.....1958..	⁹ 664.1	61	80	96	99
	.....1954..	⁹ 540.2	67	82	95	(NA)
20850	Distilled liquor, except brandy, n.s.k.....1972..	⁹ 7.2	(X)	(X)	(X)	(X)
	.....1967..	-	(X)	(X)	(X)	(X)
	.....1963..	⁹ 0.4	(X)	(X)	(X)	(X)
	.....1958..	⁹ 0.9	(X)	(X)	(X)	(X)
20860	Bottled and canned soft drinks.....1972..	4,800.5	14	20	32	45
	.....1967..	2,996.8	13	19	27	38
	.....1963..	2,136.2	11	16	23	33
	.....1958..	1,451.3	11	15	22	31
2087-	Flavoring extracts and sirups, n.e.c.....1972..	1,455.7	62	70	76	84
	.....1967..	1,037.9	63	70	77	85
	.....1963..	790.3	55	63	72	80
	.....1958..	523.0	(¹²)	(¹²)	(¹²)	(¹²)
	.....1954..	464.2	48	56	69	(NA)
20871	Flavoring extracts, emulsions, and other liquid flavors.....1972..	119.0	23	34	56	83
	.....1967..	95.0	18	28	49	78
	.....1963..	99.3	27	36	52	72
	.....1958..	71.7	28	38	55	76
	.....1954..	65.2	35	43	59	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued				
2087-	Flavoring extracts and sirups, n.e.c.--Continued					
20872	Liquid beverage bases, not for use by soft drink bottlers.....1972..	97.9	65	79	93	99
	1967..	129.9	74	87	96	99
	1963..	76.1	73	85	93	99
	1958..	59.2	63	78	91	99
	1954..	38.3	83	89	95	(NA)
20873	Flavoring sirups for use by soft drink bottlers.....1972..	637.1	89	94	98	99+
	1967..	353.0	(D)	97	99	99+
	1963..	298.7	(D)	91	95	98
	1958..	217.4	89	93	96	98
	1954..	194.2	89	95	97	(NA)
20874	Other flavoring agents (except chocolate sirups).....1972..	529.9	68	74	82	92
	1967..	410.6	(D)	72	81	92
	1963..	299.1	51	61	73	87
	1958..	162.8	(¹²)	(¹²)	(¹²)	(¹²)
	1954..	159.5	38	47	62	(NA)
20870	Flavoring extracts and sirups, n.s.k.....1972..	71.8	(X)	(X)	(X)	(X)
	1967..	49.4	(X)	(X)	(X)	(X)
	1963..	17.1	(X)	(X)	(X)	(X)
	1958..	12.0	(X)	(X)	(X)	(X)
20910	Canned and cured seafood, including soup (except frozen) (1967 product class 20310).....1972..	⁹ 585.0	38	56	71	85
	1967..	⁹ 421.1	34	52	68	82
	1963..	⁹ 384.5	33	47	62	78
	1958..	⁹ 367.0	(¹¹)	(¹¹)	(¹¹)	(¹¹)
2092-	Fresh or frozen packaged fish (1967 product group 2036-).....1972..	⁹ 1,000.2	21	32	52	72
	1967..	⁹ 529.7	24	35	53	71
	1963..	⁹ 362.8	23	34	49	65
	1958..	⁹ 274.1	18	28	45	66
	1954..	⁹ 158.0	23	36	53	(NA)
20922	Fresh packaged fish and other seafood (1967 product class 20362).....1972..	⁹ 135.2	28	39	59	80
	1967..	⁹ 66.2	23	35	58	83
	1963..	⁹ 76.6	14	21	37	58
	1958..	⁹ 58.4	16	26	42	63
	1954..	⁹ 53.6	20	31	50	(NA)
20923	Frozen packaged fish, excluding shellfish ²⁴.....1972..	⁹ 299.0	42	64	87	99
20924	Frozen packaged shellfish and other seafood, including soup ²⁴.....1972..	⁹ 414.9	32	48	70	92
	1967 product class 20361, Frozen packaged fish and other seafood, including soup ²⁴.....1967..	⁹ 383.9	32	50	70	88
	1963..	⁹ 267.0	31	46	66	84
	1958..	⁹ 203.3	23	37	59	83
	1954..	⁹ 104.0	31	49	68	(NA)
20920	Fresh or frozen packaged fish, n.s.k. (1967 product class 20360).....1972..	⁹ 151.1	(X)	(X)	(X)	(X)
	1967..	⁹ 79.2	(X)	(X)	(X)	(X)
	1963..	⁹ 19.2	(X)	(X)	(X)	(X)
	1958..	⁹ 12.5	(X)	(X)	(X)	(X)
2095-	Roasted coffee ²⁵.....1972..	2,163.3	64	79	91	97
	1967..	1,793.9	57	74	88	96
	1963..	1,602.7	54	70	84	93
	1958..	1,768.2	46	59	76	89
	1954..	1,886.7	45	59	75	(NA)
20951	Roasted coffee, whole bean or ground.....1972..	1,517.7	60	75	91	98
	1967..	1,375.3	56	73	88	96
	1963..	1,206.4	51	66	81	92
20952	Concentrated coffee.....1972..	599.2	(D)	97	99+	100
	1967..	365.6	85	94	99+	100
	1963..	396.3	81	91	98	100
20950	Roasted coffee, n.s.k. ¹⁶.....1972..	46.4	(X)	(X)	(X)	(X)
	1967..	53.0	(X)	(X)	(X)	(X)
20970	Manufactured ice.....1972..	105.7	29	42	52	61
	1967..	85.8	32	41	50	61
	1963..	94.8	32	40	48	58
	1958..	115.2	32	40	49	59
	1954..	133.0	26	33	41	(NA)
20980	Macaroni, spaghetti, and noodles.....1972..	353.8	34	50	74	93
	1967..	248.3	31	49	73	93
	1963..	215.9	28	46	69	90
	1958..	165.3	25	41	63	86
	1954..	151.1	25	37	57	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²					
		Total (million dollars)	Percent accounted for by ³ —				
			4 largest companies	8 largest companies	20 largest companies	50 largest companies	
		MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS--Continued					
2099-	Food preparations, n.e.c.....1972..	3,762.1	26	36	50	65	
		1967.. 2,501.0	23	34	50	64	
		1963.. 1,962.0	26	35	48	63	
		1958.. 1,467.2	(²⁵)	(²⁵)	(²⁵)	(²⁵)	
20991	Desserts (ready-to-mix).....1972..	267.2	(D)	86	96	99	
		1967.. 218.2	(D)	89	96	99+	
		1963.. 191.6	86	92	97	100	
		1958.. 138.8	81	88	95	99	
20992	Chips, (potato, corn, etc.).....1972..	1,042.1	49	61	76	89	
		1967.. 648.0	41	55	72	87	
		1963.. 466.0	41	51	69	84	
		1958.. 294.3	35	46	61	77	
20993	Sweetening sirups and molasses.....1972..	167.3	53	71	86	98	
		1967.. 138.8	54	68	89	98	
		1963.. 136.5	63	76	91	98	
		1958.. 95.6	(¹²)	(¹²)	(¹²)	(¹²)	
20994	Baking powder and yeast.....1972..	78.2	65	77	91	(NA)	
		1967.. 82.6	89	95	99	100	
		1963.. 79.0	81	93	99	100	
		1958.. 80.8	86	91	98	100	
20995	Tea in consumer packages ²⁶.....1972..	83.0	78	87	94	99	
		359.8	79	92	98	99+	
		1967.. 80.6	48	66	86	99	
		1963.. 56.7	53	67	84	97	
20996	Vinegar and cider.....1972..	53.9	49	60	77	91	
		1967.. 44.2	41	53	71	88	
		1963.. 41.5	46	57	72	(NA)	
		1958.. 41.5	46	57	72	(NA)	
20998	Chocolate and cocoa products, except confectionery, made from purchased chocolate or cocoa. (See also code 20668.).....1972..	455.9	39	54	78	96	
		1967.. 452.2	39	59	78	95	
		1963.. 451.1	36	54	78	96	
		1958.. 450.1	44	60	81	93	
20999	Other food preparations, n.e.c. ²⁶.....1972..	1,358.9	24	35	53	70	
		1967 product class 20999, Other food preparations, n.e.c. (1972 product classes 20995 and 20999).....1967..	1,073.3	27	40	57	74
		1963.. 883.3	23	34	52	66	
		1958.. 684.2	22	36	50	100	
20990	Miscellaneous foods, n.s.k.....1972..	347.7	(X)	(X)	(X)	(X)	
		1967.. 234.8	(X)	(X)	(X)	(X)	
		1963.. 98.9	(X)	(X)	(X)	(X)	
		1958.. 76.9	(X)	(X)	(X)	(X)	
		MAJOR GROUP 21.--TOBACCO MANUFACTURES					
21110	Cigarettes.....1972..	⁹ 3,589.4	84	(D)	100	(X)	
		1967.. ⁹ 2,942.1	(D)	100	(X)	(X)	
		1963.. ⁹ 2,568.2	(D)	100	(X)	(X)	
		1958.. ⁹ 2,137.0	80	99	100	(X)	
21210	Cigars.....1972..	1,623.9	82	99	100	(X)	
		1967.. ⁹ 357.3	55	77	94	99	
		1963.. ⁹ 362.1	58	82	95	99	
		1958.. ⁹ 353.2	59	81	92	99	
21310	Chewing and smoking tobacco and snuff.....1972..	351.4	54	75	86	96	
		1967.. ⁹ 351.4	54	75	86	96	
		1963.. ⁹ 353.3	45	64	81	(NA)	
		1958.. ⁹ 351.4	54	75	86	96	
2141-	Tobacco stemming and redrying.....1972..	257.5	60	87	99+	100	
		1967.. ⁹ 257.5	60	87	99+	100	
		1963.. ⁹ 193.8	50	77	98	100	
		1958.. ⁹ 217.9	53	78	98	100	
21411	Tobacco, redried.....1972..	192.8	53	78	98	99	
		1967.. ⁹ 192.8	53	78	98	99	
		1963.. ⁹ 173.7	56	80	99	(NA)	
		1958.. ⁹ 173.7	56	80	99	(NA)	
2141-	Tobacco stemming and redrying.....1972..	1,335.9	66	86	98	100	
		1967.. ⁹ 1,335.9	66	86	98	100	
		1963.. ⁹ 1,111.9	67	89	98	100	
		1958.. ⁹ 1,129.8	72	92	98	100	
21411	Tobacco, redried.....1972..	976.2	75	91	96	100	
		1967.. ⁹ 976.2	75	91	96	100	
		1963.. ⁹ 1,018.6	81	91	97	(NA)	
		1958.. ⁹ 1,018.6	81	91	97	(NA)	
21411	Tobacco, redried.....1972..	124.0	60	83	99	100	
		1967.. ⁹ 124.0	60	83	99	100	
		1963.. ⁹ 115.9	65	81	99	100	
		1958.. ⁹ 165.4	77	88	99	100	
21411	Tobacco, redried.....1972..	223.0	72	82	95	100	
		1967.. ⁹ 223.0	72	82	95	100	
		1963.. ⁹ 350.4	82	87	96	(NA)	
		1958.. ⁹ 350.4	82	87	96	(NA)	

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 21.--TABACCO MANUFACTURES--Continued				
2141-	Tobacco stemming and redrying--Continued					
21412	Tobacco, stemmed.....1972..	⁹ 1,194.4	72	89	99	100
	1967..	⁹ 974.3	76	94	99	100
	1963..	⁹ 964.3	82	95	99	100
	1958..	⁹ 753.2	86	97	99	100
	1954..	⁹ 668.1	89	97	99	(NA)
21410	Tobacco stemming and redrying, n.s.k.....1972..	17.5	(X)	(X)	(X)	(X)
	1967..	21.7	(X)	(X)	(X)	(X)
		MAJOR GROUP 22.--TEXTILE MILL PRODUCTS				
2211-	Weaving mills, cotton.....1972..	²³ 2,596.6	(²³)	(²³)	(²³)	(²³)
	1967..	²³ 3,026.6	(²³)	(²³)	(²³)	(²³)
	1963..	²³ 3,396.8	(²³)	(²³)	(²³)	(²³)
	1958..	(²³)	(²³)	(²³)	(²³)	(²³)
22111	Gray goods: Cotton duck and allied fabrics.....1972..	126.7	58	72	96	100
	1967..	202.2	49	64	87	100
	1963..	124.1	46	61	86	100
	1958..	111.6	44	56	82	99
	1954..	128.1	44	59	81	(NA)
22112	Cotton sheeting and allied fabrics.....1972..	531.6	28	46	77	100
	1967..	655.7	26	41	68	96
	1963..	619.4	27	44	72	95
	1958..	526.3	24	42	68	92
	1954..	545.6	24	43	63	(NA)
22113	Cotton print cloth yarn fabrics.....1972..	299.3	47	73	99	100
	1967..	376.7	38	64	95	100
	1963..	419.0	37	60	92	100
	1958..	440.7	34	54	82	99
	1954..	515.6	28	45	69	(NA)
22114	Cotton colored yarn fabrics, toweling and dishcloth fabrics, and napped cotton fabrics, including blanketing.....1972..	274.5	52	79	97	100
	1967..	169.9	51	71	94	100
	1963..	207.2	57	76	98	99
	1958..	248.7	52	75	93	99
22115	Fine cotton goods.....1972..	73.1	63	84	99+	100
	1967..	330.1	51	71	94	100
	1963..	474.3	43	64	90	99
	1958..	384.8	40	59	84	99
	1954..	318.9	40	57	80	(NA)
22116	Other broadwoven cotton fabrics and specialties.....1972..	329.7	50	72	94	100
	1967..	243.5	30	51	80	99
	1963..	181.0	35	50	74	95
	1958..	202.9	24	41	66	91
	1954..	247.4	19	30	53	(NA)
22117	Finished cotton broadwoven fabrics (made in weaving mills). (See also product class 22617.).....1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1963..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
22118	Fabricated cotton textile products (made in weaving mills): Cotton sheets and pillowcases. (See also product classes 22219 and 23928.).....1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1963..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
22119	Cotton towels and washcloths. (See also product class 23929.).....1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1963..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
22110	Other fabricated cotton textile products.....1972..	119.3	(X)	(X)	(X)	(X)
	1967..	133.5	(X)	(X)	(X)	(X)
	1963..	92.5	(X)	(X)	(X)	(X)
	1958..	87.8	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 22.--TEXTILE MILL PRODUCTS--Continued				
2221-	Weaving mills, manmade fiber and silk.....1972..	²³ 3,520.0	(²³)	(²³)	(²³)	(²³)
	1967..	²³ 2,394.3	(²³)	(²³)	(²³)	(²³)
	1963..	²³ 1,760.2	(²³)	(²³)	(²³)	(²³)
22211	Gray goods: 100 percent filament rayon and/or acetate fabrics, including combinations chiefly rayon and/or acetate ¹⁶.....1972..	261.5		63	85	99
	1967..	277.8	53	70	86	99
22212	100 percent filament fabrics, except rayon and/or acetate ¹⁶.....1972..	514.3	56	68	86	99+
	1967..	292.5	57	72	93	100
22213	100 percent spun rayon and/or acetate fabrics, including blends ¹⁶.....1972..	183.0	44	68	93	100
	1967..	226.8	52	79	96	100
22214	100 percent spun polyester blends with cotton ¹⁶.....1972..	1,004.6	45	69	95	100
	1967..	502.0	53	79	97	100
22215	All other 100 percent spun noncellulosic fabrics ¹⁶.....1972..	267.7	57	72	93	100
	1967..	165.4	71	87	98	100
22216	Combinations of filament and spun yarn fabrics, chiefly manmade fibers ¹⁶.....1972..	279.3	53	70	90	100
	1967..	195.0	52	69	90	99
22217	Blanketing, silk, paper, and other specialty manmade fiber fabrics ¹⁶.....1972..	101.8	43	69	97	100
	1967..	219.1	41	55	78	98
22218	Finished manmade fiber and silk broadwoven fabrics (made in weaving mills). (See also product class 22628.).....1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1963..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
22219	Fabricated manmade fiber and silk textile products (made in weaving mills). (See also product classes 22118 and 23928.).....1972..	280.0	86	97	100	(X)
	1967..	73.1	73	96	100	(X)
	1963..	93.1	81	98	100	(X)
	1958..	65.5	79	96	100	(X)
22210	Weaving mills, manmade fiber and silk, n.s.k.....1972..	46.7	(X)	(X)	(X)	(X)
	1967..	29.5	(X)	(X)	(X)	(X)
	1963..	10.8	(X)	(X)	(X)	(X)
	1958..	13.2	(X)	(X)	(X)	(X)
2231-	Weaving and finishing mills, wool.....1972..	²⁸ 414.0	34	45	(²⁸)	(²⁸)
	1967..	²⁸ 851.8	51	59	(²⁸)	(²⁸)
	1963..	²⁸ 834.7	46	55	(²⁸)	(²⁸)
	1958..	²⁸ 840.0	38	46	(²⁸)	(²⁸)
22311	Finished wool yarn, tops or raw stock, not combed or spun at same establishment.....1972..	61.5	59	84	100	(X)
	1967..	65.7	78	92	100	(X)
	1963..	63.7	74	95	100	(X)
	1958..	27.1	85	98	100	(X)
22312	Wool fabrics (gray goods).....1972..	31.4	80	95	100	(X)
	1967..	137.3	81	94	99	100
	1963..	129.9	73	87	99	99+
	1958..	128.5	62	73	87	97
22313	Finished wool apparel fabrics.....1972..	213.5	49	64	87	100
	1967..	533.6	56	67	82	98
	1963..	547.5	49	59	74	93
	1958..	581.5	38	47	65	87
22314	Finished wool nonapparel fabrics and felts.....1972..	80.1	49	75	99	100
	1967..	68.9	56	75	97	100
	1963..	66.1	59	76	97	100
	1958..	64.0	58	74	96	100
22319	Wool and chiefly wool blankets.....1972..	13.0	78	(D)	100	(X)
	1967..	17.5	84	(D)	(D)	(X)
	1963..	16.9	67	87	100	(X)
	1958..	15.8	73	89	100	(X)
22310	Weaving and finishing mills, wool, n.s.k.....1972..	14.5	(X)	(X)	(X)	(X)
	1967..	28.8	(X)	(X)	(X)	(X)
	1963..	10.6	(X)	(X)	(X)	(X)
	1958..	23.0	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 22.--TEXTILE MILL PRODUCTS--Continued				
2241-	Narrow fabric mills.....1972..	521.5	18	28	46	68
	1967..	411.0	17	27	45	67
	1963..	303.2	15	25	42	63
	1958..	270.4	15	23	38	59
	1954..	249.9	14	21	36	(NA)
22411	Woven narrow fabrics.....1972..	355.2	21	35	54	79
	1967..	292.0	23	35	54	77
	1963..	211.1	20	32	50	73
	1958..	179.5	18	27	46	69
22414	Braided narrow fabrics.....1972..	103.8	31	48	76	98
	1967..	71.9	26	43	73	97
	1963..	59.8	30	46	70	94
	1958..	57.4	25	39	65	90
22415	Covered rubber thread.....1972..	40.0	56	78	99+	100
	1967..	35.6	49	73	98	100
	1963..	26.9	60	77	97	100
	1958..	25.3	59	75	96	100
	1954..	21.4	71	86	99	(NA)
22410	Narrow fabric mills, n.s.k.....1972..	22.5	(X)	(X)	(X)	(X)
	1967..	11.5	(X)	(X)	(X)	(X)
	1963..	5.4	(X)	(X)	(X)	(X)
	1958..	8.2	(X)	(X)	(X)	(X)
2251-	Women's hosiery, except socks.....1972..	899.5	34	47	67	85
	1967..	805.8	29	42	61	79
	1963..	582.7	34	46	62	78
	1958..	¹⁵ 519.4	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
22511	Women's finished full-fashioned stockings.....1972..	8.1	77	93	100	(X)
	1967..	27.9	51	73	93	100
	1963..	56.4	33	47	70	92
	1958..	220.6	24	35	57	79
	1954..	347.2	24	34	53	(NA)
22513	Women's finished seamless hosiery, full-length and knee-length.....1972..	759.5	34	47	68	88
	1967..	554.2	33	46	69	89
	1963..	395.5	36	46	64	82
22514	Women's full-fashioned hosiery shipped in the greige.....1972..	9.6	(D)	100	(X)	(X)
	1967..	7.9	64	85	99	100
	1963..	20.9	66	76	91	100
	1958..	80.5	34	48	67	83
	1954..	132.6	28	36	53	(NA)
22515	Women's seamless full-length and knee-length hosiery shipped in the greige.....1972..	101.1	64	79	95	100
	1967..	145.5	37	53	75	91
	1963..	103.4	46	60	75	90
22519	Receipts for contract and commission work on women's full-length and knee-length hosiery. Seamless and full-fashioned, done for others on their materials ¹⁶.....1972..	(NA)	(NA)	(NA)	(NA)	(NA)
	1967..	33.1	38	56	80	100
22510	Women's hosiery, except socks, n.s.k.....1972..	21.2	(X)	(X)	(X)	(X)
	1967..	37.2	(X)	(X)	(X)	(X)
	1963..	6.4	(X)	(X)	(X)	(X)
2252-	Hosiery, n.e.c.....1972..	588.7	21	31	47	67
	1967..	454.5	22	29	44	64
	1963..	402.4	16	22	35	54
	1958..	¹⁵ 377.6	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
22522	Men's finished seamless hosiery.....1972..	285.9	27	40	61	85
	1967..	238.3	24	34	54	80
	1963..	202.1	17	27	45	70
	1958..	¹⁵ 195.7	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
22523	All other finished seamless hosiery.....1972..	188.7	27	39	61	84
	1967..	131.7	25	39	60	85
	1963..	149.4	17	27	44	68
	1958..	¹⁵ 129.1	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
22524	Seamless hosiery (except women's full-length and knee-length) shipped in the greige.....1972..	78.6	42	54	72	93
	1967..	61.0	45	58	76	95
	1963..	43.2	40	50	70	91
	1958..	¹⁵ 42.9	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 22.--TEXTILE MILL PRODUCTS--Continued				
2252-	Hosiery, n.e.c.--Continued					
22520	Hosiery, n.e.c., n.s.k. ¹⁵.....1972..	35.5	(X)	(X)	(X)	(X)
	.....1967..	23.5	(X)	(X)	(X)	(X)
	.....1963..	7.8	(X)	(X)	(X)	(X)
	.....1958..	9.9	(X)	(X)	(X)	(X)
2253-	Knit outerwear mills ²⁹.....1972..	⁴ 1,571.2	15	25	41	56
	.....1967..	⁴ 1,170.0	11	17	28	43
	.....1963 ³⁰ ..	⁴ 945.8	7	12	22	38
	.....1963 ³¹ ..	⁴ 840.0	7	12	(²⁸)	(²⁸)
	.....1958..	⁴ 634.8	5	10	(²⁸)	(²⁸)
22531	Sweaters, knit jackets, and jerseys (made from yarns or fabrics knit in the same establishment). (See also product classes 23292, 23393 and 23690.) ²⁹.....1972..	⁴ 473.9	18	29	46	70
	.....1967..	⁴ 506.0	15	23	39	59
	.....1963..	⁴ 483.2	10	16	30	51
	.....1958..	⁴ 426.7	7	12	24	43
22532	Knit outerwear sport shirts (made from yarns or fabrics knit in the same establishment). (See also product classes 23212, 23312 and 23612.) ²⁹.....1972..	⁴ 342.8	40	59	79	97
	.....1967..	⁴ 210.9	24	37	62	89
	.....1963..	⁴ 159.9	24	40	62	86
	.....1958..	⁴ 116.9	22	35	62	90
	.....1954..	⁴ 166.7	13	21	39	(NA)
22533	All other knit outerwear products (made from yarns or fabrics knit in the same establishment). (See also product classes 23292, 23393 and 23690.) ²⁹.....1972..	⁴ 445.0	33	50	73	92
	.....1967..	⁴ 225.0	38	49	66	87
	.....1963..	⁴ 142.8	24	38	60	83
	.....1958..	⁴ 68.7	27	41	60	84
22539	Contract and commission receipts for knitting and/or dyeing knit outerwear products.....1972..	205.8	13	20	37	57
	.....1967..	131.1	10	17	30	50
	.....1963..	109.5	9	15	26	45
22530	Knit outerwear mills, n.s.k. ²⁹.....1972..	103.7	(X)	(X)	(X)	(X)
	.....1967..	97.0	(X)	(X)	(X)	(X)
	.....1963..	54.1	(X)	(X)	(X)	(X)
	.....1958..	22.5	(X)	(X)	(X)	(X)
2254-	Knit underwear mills ²⁹.....1972..	⁴ 481.4	44	58	81	97
	.....1967..	⁴ 396.7	34	50	72	92
	.....1963..	⁴ 336.4	30	48	68	89
	.....1958..	⁴ 288.5	27	41	60	84
22541	Men's and boys' knit underwear and nightwear (made from yarns or fabrics knit in the same establishment). (See also product classes 23215 and 23221.) ²⁹.....1972..	⁴ 360.2	54	70	92	99+
	.....1967..	⁴ 271.0	50	66	83	98
	.....1963..	⁴ 221.5	44	61	78	95
	.....1958..	⁴ 173.5	42	57	75	93
22542	Women's and children's knit underwear (made from yarns or fabrics knit in the same establishment). (See also product class 23412.) ²⁹.....1972..	⁴ 73.0	50	70	94	100
	.....1967..	⁴ 76.5	43	63	86	100
	.....1963..	⁴ 70.8	36	55	77	98
	.....1958..	⁴ 75.5	27	43	69	92
22543	Women's and children's knit nightwear (made from yarns or fabrics knit in the same establishment). (See also product class 23413.) ²⁹.....1972..	⁴ 45.9	50	79	100	(X)
	.....1967..	⁴ 45.5	48	70	99	100
	.....1963..	⁴ 43.1	47	72	96	100
	.....1958..	⁴ 39.5	49	67	91	98
22540	Knit underwear mills, n.s.k.....1972..	2.3	(X)	(X)	(X)	(X)
	.....1967..	3.7	(X)	(X)	(X)	(X)
	.....1963..	1.1	(X)	(X)	(X)	(X)
2257-	Circular knit fabric mills.....1972..	2,756.7	20	28	46	66
22571	Greige goods, except hosiery ³².....1972..	165.4	59	72	92	100
22572	Underwear and nightwear finished fabric ³².....1972..	82.4	54	76	99+	100
22573	Outerwear finished fabric ³².....1972..	1,657.2	25	36	58	83
22574	High pile finished fabric ³².....1972..	185.0	70	88	100	(X)
22576	All other circular knit finished fabric.....1972..	156.1	58	78	95	100
	1967 product class 22562, Circular knit fabrics ³².....1967..	694.7	16	28	51	81
	.....1963..	417.8	17	29	51	77
	.....1958..	245.3	25	39	63	85
	.....1954..	167.8	25	41	66	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 22.--TEXTILE MILL PRODUCTS--Continued				
2257-	Circular knit fabric mills--Continued					
22579	Contract and commission receipts for knitting and/or dyeing circular knit fabric (1967 product class 22569) ³³.....1972..	389.8	11	20	37	61
22570	Circular knit fabric mills, n.s.k. ³².....1972..	120.8	(X)	(X)	(X)	(X)
2258-	Warp knit fabric mills.....1972..	928.6	25	44	69	88
22581	Greige goods, except hosiery ³⁴.....1972..	151.9	43	63	88	99+
22582	Underwear and nightwear finished fabric ³⁴.....1972..	276.0	44	71	98	100
22583	Outerwear finished fabric ³⁴.....1972..	212.5	41	65	95	100
22584	All other finished warp knit fabric.....1972..	186.8	39	56	87	100
	1967 product class 22561, Warp knit fabrics ³⁴.....1967..	537.8	32	49	73	93
	.....1963..	318.7	30	44	67	89
	.....1958..	217.1	29	43	65	88
	.....1954..	175.3	31	48	70	(NA)
22589	Contract and commission receipts for knitting and/or dyeing warp knit fabric (1967 product class 22569) ³³.....1972..	95.5	31	50	75	93
	1967 product class 22569, Receipts for commission knitting and/or dyeing knit fabric (1972 product classes 22579 and 22589) ³³.....1967..	93.2	23	36	63	88
	.....1963..	76.3	22	32	49	73
22580	Warp knit fabric mills, n.s.k. ³⁴.....1972..	5.9	(X)	(X)	(X)	(X)
22590	Knit gloves and knit products, n.e.c., made from yarns or fabrics knit in the same establishment. (See also product classes 23811 and 23812.) ²⁹.....1972..	⁴ 85.0	40	58	78	96
	.....1967..	⁴ 35.7	54	71	89	99
	.....1963..	⁴ 39.9	32	48	73	94
	.....1958..	⁴ 31.4	30	49	73	94
2261-	Finishing plants, cotton.....1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1963..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
22617	Finished cotton broadwoven fabrics (not finished in weaving mills). (See also product class 22117.).....1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1963..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
22610	Finishing plants, cotton, n.s.k.....1972..	19.9	(X)	(X)	(X)	(X)
	.....1967..	4.7	(X)	(X)	(X)	(X)
	.....1963..	17.3	(X)	(X)	(X)	(X)
2262-	Finishing plants, manmade fiber and silk.....1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1963..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
22628	Finished manmade fiber and silk broadwoven fabrics (not finished in weaving mills). (See also product class 22218.).....1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1963..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
22620	Finishing plants, manmade fiber and silk, n.s.k.....1972..	8.2	(X)	(X)	(X)	(X)
	.....1967..	14.4	(X)	(X)	(X)	(X)
	.....1963..	3.3	(X)	(X)	(X)	(X)
	.....1958..	6.0	(X)	(X)	(X)	(X)
22690	Finished yarn, raw stock and narrow fabrics, except knit and wool (not spun, thrown, woven, or braided in same establishment). (See also product classes 22811, 22812, 22813, and 22814.).....1972..	⁴ 539.9	34	45	64	89
	.....1967..	⁴ 211.7	33	47	68	89
	.....1963..	⁴ 160.6	33	48	75	95
	.....1958..	⁴ 135.9	41	56	78	93
22710	Woven carpets and rugs.....1972..	202.5	62	80	95	99+
	.....1967..	223.4	60	84	97	100
	.....1963..	250.8	61	83	97	100
	.....1958..	297.8	50	70	95	99
22720	Tufted carpets and rugs.....1972..	2,625.8	21	34	57	80
	.....1967..	1,332.4	26	42	67	88
	.....1963..	779.1	25	40	64	86
	.....1958..	319.8	28	43	68	94

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 22.--TEXTILE MILL PRODUCTS--Continued				
22790	Carpets, rugs, and mats, n.e.c.....1972..	116.5	50	70	87	98
	.....1967..	95.5	72	82	92	99
	.....1963..	51.8	46	59	78	94
	.....1958..	48.8	52	63	79	94
2281-	Yarn mills, except wool.....1972..	⁴ 2,332.8	20	30	47	71
	.....1967..	⁴ 1,574.6	20	29	47	70
	.....1963..	⁴ 1,183.8	16	26	43	65
	.....1958..	⁴ 903.7	15	24	50	62
22811	Carded cotton yarns. (See also product class 22690.).....1972..	⁴ 523.7	18	32	58	86
	.....1967..	⁴ 404.6	22	36	58	83
	.....1963..	⁴ 377.1	21	32	53	80
	.....1958..	⁴ 328.2	19	30	50	75
22812	Combed cotton yarns. (See also product class 22690.).....1972..	⁴ 297.9	37	53	76	99
	.....1967..	⁴ 304.1	27	41	65	93
	.....1963..	⁴ 310.5	26	39	61	90
	.....1958..	⁴ 281.9	23	35	57	85
22813	Rayon and/or acetate spun yarns. (See also product class 22690.).....1972..	⁴ 225.3	40	56	80	98
	.....1967..	⁴ 190.9	35	49	71	95
	.....1963..	⁴ 153.4	30	43	68	94
	.....1958..	⁴ 106.9	34	47	70	95
22814	Spun noncellulosic fiber and silk yarns. (See also product class 22690.).....1972..	⁴ 1,239.5	29	42	64	86
	.....1967..	⁴ 642.5	33	46	70	92
	.....1963..	⁴ 326.5	34	49	73	95
	.....1958..	⁴ 166.8	39	51	74	96
22810	Yarn mills, except wool, n.s.k.....1972..	46.4	(X)	(X)	(X)	(X)
	.....1967..	32.5	(X)	(X)	(X)	(X)
	.....1963..	16.2	(X)	(X)	(X)	(X)
	.....1958..	19.9	(X)	(X)	(X)	(X)
2282-	Throwing and winding mills.....1972..	²⁸ 1,694.4	35	51	(²⁸)	(²⁸)
	.....1967..	²⁸ 538.3	52	65	(²⁸)	(²⁸)
	.....1963..	²⁸ 302.9	45	56	(²⁸)	(²⁸)
	.....1958..	²⁸ 172.4	34	46	(²⁸)	(²⁸)
22822	Rewound, plied, etc., yarns, other than wool (not spun or thrown at same establishment).....1972..	100.7	60	80	96	100
	.....1967..	71.6	63	80	96	100
	.....1963..	69.0	46	71	94	100
	.....1958..	51.4	44	65	91	100
22823	Thrown filament yarns, except textured ¹⁶.....1972..	119.1	61	76	94	100
	.....1967..	81.4	64	76	91	99
22824	Textured, crimped, or bulked filament yarns ¹⁶.....1972..	³⁵ 1,465.6	37	54	79	97
	.....1967..	365.8	67	80	96	100
22820	Throwing and winding mills, n.s.k. ¹⁶.....1972..	9.0	(X)	(X)	(X)	(X)
	.....1967..	19.5	(X)	(X)	(X)	(X)
2283-	Wool yarn mills.....1972..	220.5	32	48	76	96
	.....1967..	335.5	25	38	63	90
	.....1963..	411.7	24	39	63	87
	.....1958..	278.5	22	34	56	85
22831	Wool yarns, except carpet yarns, including yarns spun and finished at same establishment.....1972..	133.0	8	(D)	15	98
	.....1967..	239.1	30	46	70	98
	.....1963..	271.1	25	43	69	93
	.....1958..	180.7	19	32	60	91
22832	Wool yarns, carpet.....1972..	70.7	72	87	99+	100
	.....1967..	78.7	55	78	98	100
	.....1963..	140.7	56	75	94	100
	.....1958..	97.9	53	75	96	99
	.....1954..	77.9	75	88	99	(NA)
22830	Wool yarn mills, n.s.k. ¹⁶.....1972..	16.8	(X)	(X)	(X)	(X)
	.....1967..	17.7	(X)	(X)	(X)	(X)
2284-	Thread.....1972..	340.3	58	74	90	99
	.....1967..	248.1	62	77	93	99
	.....1963..	194.3	63	80	95	99
	.....1958..	163.0	61	71	87	98
	.....1954..	167.0	61	73	88	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 22.--TEXTILE MILL PRODUCTS--Continued				
2284-	Thread--Continued					
22841	Finished thread for use in the home.....1972..	39.7	85	(D)	100	(X)
	.....1967..	28.3	92	99	100	(X)
	.....1963..	27.5	88	99	100	(X)
	.....1958..	26.6	90	96	100	(X)
22842	Finished thread for industrial or manufactures' use.....1972..	239.0	53	72	92	100
	.....1967..	175.9	57	74	94	100
	.....1963..	131.5	56	76	96	100
	.....1958..	99.3	56	71	90	99
22843	Unfinished thread.....1972..	56.4	96	100	(X)	(X)
	.....1967..	40.8	(D)	(D)	(X)	(X)
	.....1963..	32.5	98	100	(X)	(X)
	.....1958..	30.5	96	100	(X)	(X)
22840	Thread, n.s.k.....1972..	5.2	(X)	(X)	(X)	(X)
	.....1967..	3.1	(X)	(X)	(X)	(X)
	.....1963..	2.8	(X)	(X)	(X)	(X)
	.....1958..	6.5	(X)	(X)	(X)	(X)
22910	Pressed, punched, or needled felts, except hats.....1972..	131.2	50	69	93	100
	.....1967..	131.0	50	70	96	100
	.....1963..	119.6	50	68	94	100
	.....1958..	94.1	43	62	91	99
	.....1954..	89.1	42	63	89	(NA)
22920	Lace and net goods.....1972..	41.7	28	50	77	95
	.....1967..	55.8	29	51	77	93
	.....1963..	49.4	26	47	75	92
	.....1958..	55.0	22	38	69	87
	.....1954..	54.6	27	45	70	(NA)
22930	Paddings and upholstery filling.....1972..	154.3	24	38	58	84
	.....1967..	164.5	28	40	61	82
	.....1963..	150.3	30	45	64	83
	.....1958..	137.8	27	40	58	78
	.....1954..	149.4	30	48	65	(NA)
22940	Processed textile waste.....1972..	124.8	50	64	84	97
	.....1967..	82.0	43	55	73	90
	.....1963..	83.3	43	56	72	90
	.....1958..	74.3	22	33	54	79
	.....1954..	76.6	18	31	55	(NA)
2295-	Coated fabrics, not rubberized.....1972..	824.3	32	48	67	85
	.....1967..	571.3	26	43	67	86
	.....1963..	427.3	33	50	73	88
	.....1958..	245.2	36	54	72	90
	.....1954..	215.2	38	58	78	(NA)
22951	Pyroxylin-coated fabrics.....1972..	26.3	80	92	100	(X)
	.....1967..	38.6	75	87	100	(X)
	.....1963..	39.3	72	86	99	100
	.....1958..	38.4	60	77	98	100
	.....1954..	49.1	54	71	93	(NA)
22952	Vinyl coated fabrics.....1972..	608.2	43	62	83	98
	.....1967..	345.2	41	63	85	99
	.....1963..	233.4	47	71	90	99
	.....1958..	121.2	47	67	90	99
	.....1954..	115.9	55	73	92	(NA)
22953	Other coated fabrics.....1972..	153.9	27	44	69	93
	.....1967..	164.5	42	58	78	98
	.....1963..	137.4	42	53	76	94
	.....1958..	80.6	47	61	82	98
	.....1954..	50.3	54	69	88	(NA)
22950	Coated fabrics, except rubberized, n.s.k.....1972..	35.9	(X)	(X)	(X)	(X)
	.....1967..	23.0	(X)	(X)	(X)	(X)
	.....1963..	17.2	(X)	(X)	(X)	(X)
	.....1958..	5.0	(X)	(X)	(X)	(X)
22960	Tire cord and tire fabrics.....1972..	620.8	81	96	100	(X)
	.....1967..	404.6	74	91	100	(X)
	.....1963..	349.2	71	87	100	(X)
	.....1958..	332.1	64	86	100	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 22.--TEXTILE MILL PRODUCTS--Continued				
2297-	Nonwoven fabrics.....1972..	521.0	43	57	79	95
22971	Nonwoven fabrics ³⁶.....1972..	376.1	57	71	88	99+
22972	Fabricated nonwoven products ³⁶.....1972..	124.3	33	60	93	100
	1967 product class 22991, Nonwoven textiles ³⁶.....1967..	³⁷ 164.3	40	61	86	99
	1963.....	³⁷ 110.6	46	68	88	99
	1958.....	(³⁸)	(³⁸)	(³⁸)	(³⁸)	(³⁶)
22970	Nonwoven fabrics, n.s.k.....1972..	20.6	(X)	(X)	(X)	(X)
2298-	Cordage and twine.....1972..	175.8	31	48	69	88
	1967..	174.9	33	49	73	92
	1963..	145.0	30	47	71	90
	1958..	132.3	36	53	74	92
	1954..	159.9	38	55	76	(NA)
22981	Hard fiber cordage and twine.....1972..	42.2	63	88	100	(X)
	1967..	36.3	69	89	100	(X)
	1963..	42.3	64	88	99	100
	1958..	52.3	62	85	99	100
	1954..	64.8	69	87	99	(NA)
22982	Soft fiber cordage and twine (except cotton).....1972..	87.4	36	53	78	98
	1967..	83.3	41	59	83	99
	1963..	59.8	30	48	72	94
	1958..	34.1	30	48	81	99
	1954..	42.5	31	48	79	(NA)
22983	Cotton cordage and twine.....1972..	30.7	59	79	98	100
	1967..	43.4	47	70	95	100
	1963..	38.2	47	70	95	99
	1958..	40.4	59	78	94	(D)
	1954..	52.6	61	79	94	(NA)
22980	Cordage and twine, n.s.k.....1972..	15.5	(X)	(X)	(X)	(X)
	1967..	11.9	(X)	(X)	(X)	(X)
	1963..	4.8	(X)	(X)	(X)	(X)
	1958..	5.5	(X)	(X)	(X)	(X)
2299-	Textile goods, n.e.c.....1972..	215.3	32	41	58	75
22992	Jute goods (except jute felts, cordage or twine) and linen goods.....1972..	21.0	68	89	100	(X)
	1967..	29.9	70	87	98	-
	1963..	42.9	57	71	91	100
	1958..	54.0	56	67	84	98
22993	Scouring and combing mill products (1967 product class 22970).....1972..	60.8	92	98	99+	100
	1967..	89.9	80	90	98	100
	1963..	111.1	71	86	98	99
	1958..	89.7	72	83	94	99
	1954..	91.0	(D)	81	93	(NA)
22990	Textile goods, n.s.k.....1972..	133.5	(X)	(X)	(X)	(X)
	1967..	37.1	(X)	(X)	(X)	(X)
	1963..	10.4	(X)	(X)	(X)	(X)
	1958..	³⁸ 69.6	(X)	(X)	(X)	(X)
		MAJOR GROUP 23.--APPAREL AND OTHER TEXTILE PRODUCTS				
2311-	Men's and boys' suits and coats ²⁹.....1972..	2,234.2	19	30	46	65
	1967..	1,779.6	17	27	42	59
	1963 ³⁰ ..	1,439.7	14	22	37	55
	1963 ³¹ ..	1,195.4	13	22	(²⁸)	(²⁸)
	1958..	1,000.9	13	20	(²⁸)	(²⁸)
	1954..	927.1	11	18	33	(NA)
23111	Men's suits ²⁹.....1972..	898.5	28	42	64	83
	1967..	789.1	25	38	60	82
	1963..	727.1	17	29	50	75
	1958..	629.6	15	26	44	67
23112	Men's overcoats and topcoats ²⁹.....1972..	100.4	31	48	77	98
	1967..	130.5	20	32	57	89
	1963..	121.8	18	28	50	77
	1958..	129.0	14	24	45	72
23113	Men's tailored dress and sport coats and jackets ²⁹.....1972..	626.5	18	30	52	78
	1967..	379.5	15	25	46	72
	1963..	214.6	12	21	41	67
	1958..	147.3	11	19	35	59

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 23.—APPAREL AND OTHER TEXTILE PRODUCTS—Con.				
2311-	Men's and boys' suits and coats--Continued					
23114	Boys' suits, coats, and tailored jackets ²⁹.....1972..	100.0	42	58	84	99
	1967..	111.6	26	40	65	93
	1963..	102.6	19	30	54	80
	1958..	76.9	18	28	50	79
23119	Contract and commission work on men's and boys' suits and coats.....1972..	445.5	23	32	44	63
	1967..	304.3	23	29	42	62
	1963..	243.3	23	33	45	62
23110	Men's and boys' suits and coats, n.s.k. ²⁹.....1972..	63.3	(X)	(X)	(X)	(X)
	1967..	64.6	(X)	(X)	(X)	(X)
	1963..	29.3	(X)	(X)	(X)	(X)
	1958..	18.1	(X)	(X)	(X)	(X)
2321-	Men's and boys' shirts and nightwear ²⁹.....1972..	⁴ 1,934.9	20	29	48	67
	1967..	⁴ 1,340.5	19	29	48	66
	1963 ³⁰ ..	⁴ 1,183.7	18	27	44	62
	1963 ³¹ ..	⁴ 984.5	20	30	(² 8)	(² 8)
	1958..	⁴ 776.9	16	24	(² 8)	(² 8)
23212	Men's and boys' knit outerwear sport shirts, made from purchased knit fabrics. (See also product class 22532.) ²⁹.....1972..	⁴ 390.3	22	37	66	89
	1967..	⁴ 129.2	31	46	69	93
	1963..	⁴ 83.2	34	48	71	95
	1958..	⁴ 48.7	35	48	74	98
23214	Men's and boys' dress and sport shirts except knit outerwear sport shirts ²⁹.....1972..	1,043.3	30	41	63	83
	1967..	862.0	27	39	59	80
	1963..	794.4	23	35	55	74
	1958..	656.5	19	28	46	66
	1954..	634.0	20	29	44	(NA)
23215	Men's and boys' nightwear, made of woven or purchased knit fabrics. (See also product class 22541.) ²⁹.....1972..	⁴ 105.3	44	59	83	99+
	1967..	⁴ 84.5	41	54	76	100
	1963..	⁴ 88.6	33	47	74	98
	1958..	⁴ 71.7	35	53	78	98
23219	Contract and commission work on men's and boys' shirts (except work) and nightwear.....1972..	340.5	19	32	49	71
	1967..	217.1	17	28	46	68
	1963..	192.9	14	25	42	63
23210	Men's and boys' shirts and nightwear, n.s.k.....1972..	55.5	(X)	(X)	(X)	(X)
	1967..	47.7	(X)	(X)	(X)	(X)
	1963..	18.1	(X)	(X)	(X)	(X)
23221	Men's and boys' underwear, made from woven or purchased knit fabrics. (See also product class 22541.) ²⁹.....1972..	⁴ 233.3	49	69	90	99+
	1967..	⁴ 190.9	39	55	82	99
	1963..	⁴ 136.7	39	54	80	97
	1958..	⁴ 94.5	31	47	76	96
23230	Men's, youths', and boys' neckwear ²⁹.....1972..	279.4	26	38	55	76
	1967..	128.4	25	34	51	72
	1963..	105.6	19	27	42	65
	1958..	89.7	17	25	39	61
	1954..	101.3	16	24	40	(NA)
2327-	Men's and boys' separate trousers ²⁹.....1972..	1,779.7	25	37	56	73
	1967..	1,195.1	17	27	44	62
	1963 ³⁰ ..	863.4	11	20	34	51
	1963 ³¹ ..	692.7	14	23	(² 8)	(² 8)
	1958..	436.3	9	16	30	50
	1954..	369.1	11	17	31	(NA)
23271	Men's and boys' separate dress and sport trousers and dress shorts....1972..	1,394.1	29	41	61	81
	1967..	931.3	18	30	49	70
	1963..	676.4	14	24	39	59
23279	Contract and commission work on men's and boys' separate dress and sport trousers.....1972..	332.8	23	32	51	74
	1967..	226.7	22	29	44	65
	1963..	168.0	14	22	35	57
23270	Men's and boys' separate trousers, n.s.k.....1972..	52.8	(X)	(X)	(X)	(X)
	1967..	37.2	(X)	(X)	(X)	(X)
	1963..	16.3	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 23.—APPAREL AND OTHER TEXTILE PRODUCTS—Con.				
2328-	Men's and boys' work clothing ²⁹.....1972..	1,619.0	40	50	67	82
		1,023.1	29	41	60	78
		717.4	24	37	55	75
		635.2	25	36	(²⁸)	(²⁸)
		526.1	15	31	(²⁸)	(²⁸)
23281	Men's and boys' work shirts ²⁹.....1972..	141.7	30	49	78	99
		121.7	31	45	70	95
		87.3	23	38	67	92
		78.3	29	42	65	88
		90.5	(D)	43	67	(NA)
23282	Men's and boys' work clothing (except shirts) and washable service apparel ²⁹.....1972..	1,266.5	45	56	74	89
		722.2	35	47	66	85
		540.3	29	40	59	78
		447.8	22	32	49	70
		404.6	19	30	47	(NA)
23289	Contract and commission work on men's and boys' work clothing.....1972..	188.4	34	43	59	80
		138.6	29	46	71	92
		80.7	32	52	71	91
23280	Men's and boys' work clothing, n.s.k.....1972..	22.4	(X)	(X)	(X)	(X)
		40.6	(X)	(X)	(X)	(X)
		7.6	(X)	(X)	(X)	(X)
2329-	Men's and boys' clothing, n.e.c. ²⁹.....1972..	⁴ 648.5	17	24	(²⁸)	(²⁸)
		⁴ 542.0	17	25	38	56
		⁴ 403.6	16	23	36	55
		⁴ 318.3	14	29	33	51
23291	Men's and boys' heavy outerwear coats and jackets, nontailored ²⁹.....1972..	311.8	26	36	57	84
		290.4	21	31	50	76
		258.7	15	25	43	67
		212.7	17	25	42	64
		167.8	14	23	28	(NA)
23292	Men's and boys' outerwear, n.e.c., made from woven or purchased knit fabrics. (See also product classes 22531 and 22533.) ²⁹.....1972..	⁴ 297.0	21	31	50	72
		⁴ 216.5	25	35	51	74
		⁴ 135.8	26	34	50	70
		⁴ 90.1	23	33	50	72
23290	Men's and boys' clothing, n.s.k. ²⁹.....1972..	39.7	(X)	(X)	(X)	(X)
		35.1	(X)	(X)	(X)	(X)
		9.1	(X)	(X)	(X)	(X)
		15.6	(X)	(X)	(X)	(X)
2331-	Women's and misses' blouses and waists ²⁹.....1972..	⁴ 1,265.4	10	17	29	45
		⁴ 754.6	11	18	29	46
		⁴ 699.2	10	15	25	40
		⁴ 545.3	11	18	(²⁸)	(²⁸)
		⁴ 381.4	11	16	(²⁸)	(²⁸)
23312	Women's, misses', and juniors' knit outerwear sport shirts, made from purchased knit fabrics. (See also product class 22532.) ²⁹.....1972..	⁴ 189.1	32	47	71	89
		⁴ 101.1	40	52	77	97
		⁴ 58.4	32	47	73	95
		⁴ 34.1	45	65	92	100
23317	Women's, misses', and juniors' blouses and shirts, except knit outerwear sport shirts.....1972..	708.7	14	22	37	59
		426.2	16	25	41	63
		442.0	13	20	35	56
		347.3	12	18	28	44
		315.7	12	17	27	(NA)
23319	Contract and commission work on women's, misses', and juniors' blouses and shirts.....1972..	268.5	18	26	36	49
		152.8	14	22	33	47
		153.9	10	14	23	38
23310	Women's and misses' blouses and waists, n.s.k.....1972..	99.1	(X)	(X)	(X)	(X)
		74.5	(X)	(X)	(X)	(X)
		44.8	(X)	(X)	(X)	(X)
2335-	Women's and misses' dresses.....1972..	⁴ 3,534.8	9	13	18	27
		⁴ 3,068.0	7	10	15	24
		⁴ 2,385.1	7	9	14	23
		⁴ 1,961.8	8	10	(²⁸)	(²⁸)
		⁴ 1,624.8	4	7	(²⁸)	(²⁸)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 23.--APPAREL AND OTHER TEXTILE PRODUCTS--Con.				
2335-	Women's and misses' dresses--Continued					
23351	Women's, misses', and juniors' dresses sold at a unit price ²⁹.....1972..	1,826.3	14	20	29	44 ⁷
	.....1967..	1,733.9	11	14	22	35
	.....1963..	1,378.2	10	13	19	31
	.....1958..	1,307.2	5	9	14	24
23352	Women's, misses', and juniors' dresses sold at a dozen price ²⁹.....1972..	378.2	21	30	49	76
	.....1967..	384.8	17	27	46	70
	.....1963..	349.8	15	26	49	74
	.....1958..	317.5	16	27	47	70
	.....1954..	296.8	14	25	46	(NA)
23359	Contract and commission work on women's, misses', and juniors' dresses.....1972..	729.7	7	11	17	26
	.....1967..	538.0	5	7	12	20
	.....1963..	423.3	4	7	12	19
23350	Women's and misses' dresses, n.s.k.....1972..	600.6	(X)	(X)	(X)	(X)
	.....1967..	411.3	(X)	(X)	(X)	(X)
	.....1963..	233.9	(X)	(X)	(X)	(X)
2337-	Women's and misses' suits and coats.....1972..	1,725.3	7	11	19	31
	.....1967..	1,648.0	8	10	17	28
	.....1963 ³⁰ ..	1,444.7	4	6	12	23
	.....1963 ³¹ ..	1,256.4	4	7	(²⁸)	(²⁸)
	.....1958..	1,034.0	3	5	(²⁸)	(²⁸)
23371	Women's, misses', and juniors' coats (except fur and leather) ²⁹.....1972..	580.9	10	16	33	56
	.....1967..	606.6	11	17	28	47
	.....1963..	542.9	6	11	21	39
	.....1958..	490.1	6	10	20	37
	.....1954..	509.4	6	10	19	(NA)
23372	Women's, misses', and juniors' suits ²⁹.....1972..	305.2	11	19	37	63
	.....1967..	189.2	14	23	39	64
	.....1963..	211.5	12	20	34	56
	.....1958..	186.1	9	15	29	53
	.....1954..	245.6	10	17	30	(NA)
23374	Women's, misses', and juniors' skirts and jackets ²⁹.....1972..	440.7	20	31	48	72
	.....1967..	469.9	18	24	39	60
	.....1963..	374.4	13	20	34	54
	.....1958..	311.2	9	15	27	46
23379	Contract and commission work on women's, misses', and juniors' suits, coats, and skirts.....1972..	282.7	6	9	17	28
	.....1967..	222.8	4	8	13	24
	.....1963..	188.3	4	7	12	22
23370	Women's and misses' suits and coats, n.s.k. ²⁹.....1972..	115.8	(X)	(X)	(X)	(X)
	.....1967..	159.5	(X)	(X)	(X)	(X)
	.....1963..	127.6	(X)	(X)	(X)	(X)
	.....1958..	46.6	(X)	(X)	(X)	(X)
	.....1954..	73.6	(X)	(X)	(X)	(X)
2339-	Women's and misses' outerwear, n.e.c.....1972..	⁴ 1,646.9	14	23	34	49
	.....1967..	⁴ 857.2	13	18	29	44
	.....1963 ³⁰ ..	⁴ 763.3	11	16	26	41
	.....1963 ³¹ ..	⁴ 662.6	12	18	(²⁸)	(²⁸)
	.....1958..	⁴ 420.7	10	15	(²⁸)	(²⁸)
23392	Women's, misses', and juniors' washable service apparel.....1972..	105.2	36	55	82	99
	.....1967..	121.2	23	36	62	91
	.....1963..	98.9	24	35	58	83
	.....1958..	91.7	22	33	52	76
	.....1954..	56.6	20	30	50	(NA)
23393	Women's, misses', and juniors' outerwear, n.e.c. (See also product classes 22531 and 22533.).....1972..	⁴ 1,137.1	17	28	43	62
	.....1967..	⁴ 522.1	17	25	40	61
	.....1963..	⁴ 487.9	15	23	37	56
	.....1958..	⁴ 329.0	13	19	32	47
23399	Contract and commission work on women's, misses', and juniors' outerwear, n.e.c.....1972..	304.8	13	18	27	40
	.....1967..	124.6	8	13	24	43
	.....1963..	100.7	8	13	24	41
23390	Women's and misses' outerwear, n.e.c., n.s.k.....1972..	99.8	(X)	(X)	(X)	(X)
	.....1967..	89.3	(X)	(X)	(X)	(X)
	.....1963..	75.8	(X)	(X)	(X)	(X)
	.....1958..	22.9	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 23.—APPAREL AND OTHER TEXTILE PRODUCTS—Con.				
2341-	Women's and children's underwear ²⁹.....1972..	⁴ 1,265.7	14	22	40	60
	.....1967..	⁴ 1,071.8	14	21	36	54
	.....1963 ³⁰ ..	⁴ 941.4	10	16	29	47
	.....1963 ³¹ ..	⁴ 834.2	9	16	(²⁸)	(²⁸)
	.....1958..	⁴ 714.2	8	14	(²⁸)	(²⁸)
23412	Women's and children's underwear, made from woven or purchased knit fabrics. (See also product class 22542.) ²⁹.....1972..	⁴ 416.7	23	35	55	82
	.....1967..	⁴ 487.1	18	26	43	68
	.....1963..	⁴ 462.3	13	21	38	60
	.....1958..	⁴ 454.2	12	19	33	52
	23413	Women's and children's nightwear, made from woven or purchased knit fabrics. (See also product class 22543.) ²⁹.....1972..	⁴ 596.0	16	26	49	76
.....1967..		⁴ 380.2	14	26	48	70
.....1963..		⁴ 350.0	12	19	33	56
.....1958..		⁴ 241.2	12	19	34	57
23419		Contract and commission work on women's and children's underwear and nightwear.....1972..	164.9	18	28	46	72
	.....1967..	126.6	27	39	56	76
	.....1963..	107.2	21	31	49	69
	23410	Women's and children's underwear, n.s.k. ²⁹.....1972..	88.1	(X)	(X)	(X)	(X)
.....1967..		77.9	(X)	(X)	(X)	(X)
.....1963..		22.0	(X)	(X)	(X)	(X)
.....1958..		18.8	(X)	(X)	(X)	(X)
2342-		Brassieres and allied garments ²⁹.....1972..	677.3	35	46	68	86
	.....1967..	600.5	24	37	59	79
	.....1963 ³⁰ ..	565.9	26	41	61	79
	.....1963 ³¹ ..	532.0	26	40	(²⁸)	(²⁸)
	.....1958..	412.3	28	41	(²⁸)	(²⁸)
23421	Brassieres ²⁹.....1972..	385.1	43	59	83	98
	.....1967..	261.3	31	49	72	94
	.....1963..	258.8	32	50	72	92
	.....1958..	220.0	34	51	70	89
	.....1954..	189.9	34	49	69	(NA)
23422	Corsets, girdles, combinations, and accessories ²⁹.....1972..	236.6	31	41	65	90
	.....1967..	279.5	24	36	61	88
	.....1963..	238.4	24	37	59	84
	.....1958..	182.8	28	40	58	82
23429	Contract and commission work on corsets and allied garments.....1972..	36.5	35	52	85	100
	.....1967..	38.1	40	57	81	99
	.....1963..	33.9	47	66	88	100
23420	Brassieres and allied garments, n.s.k. ²⁹.....1972..	19.1	(X)	(X)	(X)	(X)
	.....1967..	21.6	(X)	(X)	(X)	(X)
	.....1963..	7.9	(X)	(X)	(X)	(X)
	.....1958..	9.5	(X)	(X)	(X)	(X)
23510	Millinery ²⁹.....1972..	58.9	17	25	43	67
	.....1967..	111.1	12	17	27	45
	.....1963..	159.5	9	14	22	37
	.....1958..	186.9	8	10	19	32
	.....1954..	170.2	7	12	20	(NA)
2352-	Hats and caps, except millinery ²⁹.....1972..	147.6	25	37	56	75
	.....1967..	180.0	31	41	57	74
	.....1963..	160.7	32	42	53	70
	.....1958..	156.6	29	38	50	66
23521	Hats and hat bodies (except cloth and millinery) ²⁹.....1972..	44.5	53	75	95	100
	.....1967..	66.9	63	78	94	100
	.....1963..	83.9	58	74	88	99
	.....1958..	92.2	49	63	80	95
23522	Cloth hats and caps ²⁹.....1972..	84.0	23	38	61	86
	.....1967..	98.7	22	36	55	78
	.....1963..	68.5	12	20	39	66
	.....1958..	64.4	11	18	32	55
	.....1954..	62.9	11	17	31	(NA)
23520	Hats and caps, except millinery, n.s.k.....1972..	19.1	(X)	(X)	(X)	(X)
	.....1967..	14.4	(X)	(X)	(X)	(X)
	.....1963..	7.9	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 23.--APPAREL AND OTHER TEXTILE PRODUCTS--Con.				
2361-	Children's dresses and blouses ²⁹.....1972..	651.2	14	22	37	58
	.....1967..	522.0	12	19	31	51
	.....1963 ³⁰ ..	450.2	12	18	32	50
	.....1963 ³¹ ..	388.8	12	20	(²⁸)	(²⁸)
	.....1958..	308.4	13	21	(²⁸)	(²⁸)
23610	Children's and infants' dresses, blouses and shirts, except knit sport shirts ²⁹.....1972..	434.9	17	27	44	68
	.....1967..	386.3	14	22	37	60
	.....1963..	345.8	13	21	38	60
	.....1958..	289.4	14	22	39	60
	.....1954..	251.2	13	21	35	(NA)
23612	Children's and infants' knit sport shirts, made from purchased knit fabrics. (See also product class 22532.) ²⁹.....1972..	⁴ 115.3	46	63	89	100
	.....1967..	⁴ 55.1	47	69	94	100
	.....1963..	⁴ 43.0	38	56	83	100
	.....1958..	⁴ 19.0	31	53	85	100
23619	Contract and commission work on children's and infants' dresses, blouses, and shirts.....1972..	101.0	18	26	42	62
	.....1967..	80.6	15	23	38	58
	.....1963..	61.4	17	26	40	62
2363-	Children's coats and suits.....1972..	198.5	17	28	50	78
	.....1967..	190.6	16	26	46	71
	.....1963 ³⁰ ..	172.4	13	20	38	61
	.....1963 ³¹ ..	148.7	14	23	42	67
23630	Children's and infants' coats, suits, snowsuits, and coat-and-legging sets ²⁹.....1972..	172.5	18	30	54	86
	.....1967..	168.6	16	27	47	75
	.....1963..	148.7	14	23	42	67
	.....1958..	158.5	11	19	34	58
	.....1954..	167.5	14	21	33	(NA)
23639	Contract and commission work on children's and infants' coats and suits.....1972..	26.0	27	39	64	92
	.....1967..	22.0	29	44	64	89
	.....1963..	23.7	16	28	56	83
2369-	Children's outerwear, n.e.c.....1972..	⁴ 612.7	16	25	40	60
	.....1967..	⁴ 450.8	15	23	37	56
	.....1963 ³⁰ ..	⁴ 402.2	12	19	31	47
	.....1963 ³¹ ..	⁴ 356.8	13	20	33	51
23690	Children's and infants' outerwear, n.e.c., made from woven or pur- chased knit fabric. (See also product classes 22531 and 22533.) ²⁹ ...1972..	⁴ 540.4	17	28	44	65
	.....1967..	⁴ 393.7	16	25	40	61
	.....1963..	⁴ 356.8	13	20	33	51
	.....1958..	⁴ 238.1	11	18	30	48
23699	Contract and commission work on children's and infants' outerwear, n.e.c.....1972..	72.3	19	30	49	72
	.....1967..	57.1	19	29	50	75
	.....1963..	45.4	17	26	44	69
23710	Fur goods ²⁹.....1972..	213.7	7	12	23	39
	.....1967..	322.6	5	8	15	27
	.....1963..	321.4	4	7	14	26
	.....1958..	267.2	6	9	16	27
	.....1954..	215.5	4	6	11	(NA)
2381-	Fabric dress and work gloves ²⁹.....1972..	⁴ 172.9	42	58	78	93
	.....1967..	⁴ 138.3	38	50	74	92
	.....1963..	⁴ 130.9	30	45	70	87
	.....1958..	⁴ 109.0	30	46	70	85
23811	Dress gloves and mittens, made from woven or purchased knit fabrics. (See also product class 22590.).....1972..	⁴ 10.7	66	90	100	(X)
	.....1967..	⁴ 22.2	52	77	98	100
	.....1963..	⁴ 37.2	47	66	87	99
	.....1958..	⁴ 37.6	43	59	79	95
23812	Work gloves and mittens, made from woven or purchased knit fabrics. (See also product class 22590.) ²⁹.....1972..	⁴ 148.6	47	65	86	99
	.....1967..	⁴ 110.5	46	63	86	99
	.....1963..	⁴ 88.3	44	64	82	96
	.....1958..	⁴ 71.4	44	65	81	94
23810	Fabric dress and work gloves, n.s.k.....1972..	13.6	(X)	(X)	(X)	(X)
	.....1967..	5.6	(X)	(X)	(X)	(X)
	.....1963..	5.5	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 23.—APPAREL AND OTHER TEXTILE PRODUCTS—Con.				
2381-	Fabric dress and work gloves--Continued					
23840	Robes and dressing gowns, except children's ²⁹.....1972..	166.2	24	41	64	90
	.....1967..	178.4	17	28	51	82
	.....1963..	160.1	16	27	49	79
	.....1958..	116.1	14	24	44	72
2385-	Waterproof outergarments.....1972..	326.4	31	40	55	78
23850	Raincoats and other waterproof outergarments ²⁹.....1972..	291.2	33	43	60	83
	.....1967..	327.8	25	36	55	77
	.....1963..	202.8	21	29	48	72
	.....1958..	128.3	19	28	51	76
	.....1954..	116.6	19	29	50	(NA)
23859	Contract and commission work on waterproof outergarments.....1972..	35.2	37	56	79	99
23860	Leather and sheep lined clothing ²⁹.....1972..	173.6	16	29	54	79
	.....1967..	102.1	23	36	61	88
	.....1963..	58.4	24	39	62	90
	.....1958..	62.7	17	29	51	82
	.....1954..	56.7	18	30	50	(NA)
2387-	Apparel belts ²⁹.....1972..	234.0	22	31	48	72
	.....1967..	109.1	22	32	48	69
	.....1963..	92.4	16	24	38	58
	.....1958..	82.0	21	27	39	57
	.....1954..	95.0	19	26	38	(NA)
23871	Leather belts (for sale separately) ²⁹.....1972..	157.9	31	44	67	91
	.....1967..	64.3	33	50	70	93
	.....1963..	47.0	29	42	61	83
	.....1958..	48.1	31	41	57	79
	.....1954..	52.7	29	37	53	(NA)
23872	Belts, other than leather ²⁹.....1972..	46.9	24	39	61	91
	.....1967..	26.6	20	31	54	86
	.....1963..	32.5	15	25	44	73
	.....1958..	27.5	13	23	43	67
	.....1954..	35.4	19	30	46	(NA)
23870	Apparel belts, n.s.k. ²⁹.....1972..	29.2	(X)	(X)	(X)	(X)
	.....1967..	18.2	(X)	(X)	(X)	(X)
	.....1963..	12.8	(X)	(X)	(X)	(X)
	.....1958..	6.4	(X)	(X)	(X)	(X)
23890	Apparel, n.e.c. ^{5 29}.....1972..	123.2	23	33	53	75
	.....1967..	121.2	17	27	49	73
	.....1963..	103.1	17	27	46	71
	.....1958..	92.1	13	22	41	65
23910	Curtains and draperies, except lace.....1972..	631.6	29	36	46	58
	.....1967..	374.9	28	39	50	63
	.....1963..	278.3	21	33	45	61
	.....1958..	198.7	27	35	45	61
	.....1954..	167.6	21	29	43	(NA)
2392-	Housefurnishings, n.e.c.....1972..	1,445.2	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1967..	941.4	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1963..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
23926	Bedspreads and bedsets, not made in weaving mills. (See also product class 22110.).....1972..	⁴ 261.6	31	44	66	90
	.....1967..	⁴ 173.8	37	51	69	91
	.....1963..	⁴ 111.9	28	41	62	86
	.....1958..	⁴ 83.5	35	47	64	85
23928	Sheets and pillowcases, not made in weaving mills. (See also product classes 22118 and 22219.).....1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
23929	Cotton towels and washcloths, not made in weaving mills. (See also product class 22119.).....1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
	.....1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
23920	Other housefurnishings.....1972..	775.0	9	16	30	49
	.....1967..	567.4	10	16	29	45
	.....1963..	449.1	10	14	24	39
	.....1958..	354.9	8	14	26	42

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 23.--APPAREL AND OTHER TEXTILE PRODUCTS--Con.				
23930	Textile bags, except laundry, wardrobe, and shoe.....1972..	230.6	24	38	58	79
	.....1967..	277.9	31	48	67	86
	.....1963..	181.9	39	48	64	83
	.....1958..	174.9	39	51	66	82
	.....1954..	210.2	44	55	69	(NA)
23940	Canvas products.....1972..	271.4	21	27	37	52
	.....1967..	254.3	20	30	42	60
	.....1963..	153.5	16	22	34	50
	.....1958..	114.2	14	22	32	47
	.....1954..	124.0	13	18	30	(NA)
2395-	Pleating and stitching.....1972..	277.4	19	28	43	59
	.....1967..	²⁸ 77.6	11	20	(²⁸)	(²⁸)
	.....1963..	²⁸ 77.7	3	6	(²⁸)	(²⁸)
23951	Embroideries (except Schiffli machine products), stamped art goods, and art needlework.....1972..	148.3	33	50	75	93
	.....1967..	37.9	(S)	(S)	(S)	(S)
	.....1963..	46.0	14	21	38	64
23959	Commission embroidering (except Schiffli machine), tucking, pleating, etc., for the trade, n.s.k.....1972..	61.0	21	33	55	78
23950	Pleating and stitching, n.s.k.....1972..	68.1	(X)	(X)	(X)	(X)
	.....1967..	39.7	(X)	(X)	(X)	(X)
	.....1963..	31.6	(X)	(X)	(X)	(X)
2396-	Automotive and apparel trimmings.....1972..	1,146.6	70	76	81	87
	.....1967 ³⁹ ..	797.0	60	66	71	79
	.....1963..	556.3	58	63	71	79
23961	Men's and boys' suit and coat findings, hatters' fur, and other hat and cap material.....1972..	94.5	52	63	85	99
	.....1967..	55.8	31	48	76	98
	.....1963..	45.0	25	39	63	87
23962	Automobile and furniture trimmings.....1972..	823.1	96	98	99	100
	.....1967 ³⁹ ..	513.4	93	97	99	100
	.....1963..	360.2	90	97	99	99+
23963	Other trimmings and findings.....1972..	146.5	35	43	59	78
	.....1967..	192.5	20	26	40	60
	.....1963..	127.4	16	24	40	60
23960	Automotive and apparel trimmings, n.s.k.....1972..	82.3	(X)	(X)	(X)	(X)
	.....1967..	35.3	(X)	(X)	(X)	(X)
	.....1963..	23.8	(X)	(X)	(X)	(X)
23970	Schiffli machine embroideries.....1972..	99.1	20	30	45	62
	.....1967..	⁴⁰ 83.5	15	22	36	55
	.....1963..	⁴⁰ 73.0	18	27	40	58
	.....1958..	⁴⁰ 52.3	14	21	33	49
	.....1954..	⁴⁰ 49.8	19	28	40	(NA)
23990	Fabricated textile products, n.e.c. ⁵.....1972..	725.7	22	34	49	66
	.....1967..	529.3	19	30	49	67
	.....1963..	353.8	14	22	39	55
	.....1958..	257.3	14	24	39	53
		MAJOR GROUP 24.--LUMBER AND WOOD PRODUCTS				
2411-	Logging camps and logging contractors.....1972..	2,612.9	20	27	35	40
	.....1967..	1,515.2	16	24	(²⁸)	(²⁸)
	.....1963..	1,185.6	18	26	(²⁸)	(²⁸)
24110	Logs, bolts, and pulpwood.....1972..	2,208.7	(X)	(X)	(X)	(X)
	.....1967..	1,244.5	(X)	(X)	(X)	(X)
	.....1963..	849.3	(X)	(X)	(X)	(X)
24119	Receipts for contract logging.....1972..	404.1	(X)	(X)	(X)	(X)
	.....1967..	270.4	(X)	(X)	(X)	(X)
	.....1963..	336.3	(X)	(X)	(X)	(X)
2421-	Sawmills and planing mills, general.....1972..	5,999.9	17	22	32	43
	.....1967..	3,288.0	10	14	21	30
	.....1963..	2,742.9	10	13	(²⁸)	(²⁸)
24211	Hardwood lumber, rough and dressed ⁴¹.....1972..	516.3	14	19	31	45
24212	Softwood lumber, rough and dressed ⁴¹.....1972..	3,907.8	20	27	40	55

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ -			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 24.--LUMBER AND WOOD PRODUCTS--Continued				
2421-	Sawmills and planing mills, general--Continued					
24215	Wood chips.....1972..	505.5	40	48	57	67
	.....1967..	⁴² 188.1	18	23	32	44
	.....1963..	(NA)	(NA)	(NA)	(NA)	(NA)
24217	Softwood cut stock.....1972..	155.8	26	40	64	88
	.....1967..	84.9	23	37	60	83
	.....1963..	87.9	22	34	55	77
	.....1958..	56.3	20	33	57	82
24218	Softwood flooring and other general sawmill and planing mill products.....1972..	133.0	14	22	36	60
	.....1967..	54.5	16	24	41	64
	.....1963..	57.4	16	23	34	50
24219	Contract or custom sawing of logs owned by others.....1972..	41.0	35	42	57	80
	.....1967..	31.3	18	26	44	66
	.....1963..	(NA)	(NA)	(NA)	(NA)	(NA)
24210	Sawmill and planing mill products, n.s.k.....1972..	740.4	(X)	(X)	(X)	(X)
	.....1967..	524.2	(X)	(X)	(X)	(X)
	.....1963..	199.5	(X)	(X)	(X)	(X)
2426-	Hardwood dimension and flooring ⁴³.....1972..	571.8	11	17	26	41
24261	Hardwood flooring.....1972..	118.4	32	41	62	92
	.....1967..	129.2	29	37	55	78
	.....1963..	154.2	25	34	49	71
	.....1958..	148.4	17	24	40	62
24262	Hardwood dimension stock, furniture parts, and vehicle stock.....1972..	304.6	15	22	36	56
	.....1967..	216.7	9	16	30	51
	.....1963..	169.8	8	14	27	47
24266	Wood frames for household furniture (1967 product class 25126).....1972..	77.1	24	33	50	74
	.....1967..	52.4	19	30	49	72
	.....1963..	53.4	16	25	37	55
	.....1958..	36.5	13	18	29	48
24260	Hardwood dimension and flooring, n.s.k.....1972..	71.8	(X)	(X)	(X)	(X)
	.....1967..	24.3	(X)	(X)	(X)	(X)
24290	Shingles, cooperage stock, and excelsior.....1972..	173.6	24	35	49	66
	.....1967..	115.6	21	31	43	61
	.....1963..	⁴⁴ 177.3	12	18	28	42
2431-	Millwork ⁴⁵.....1972..	2,229.2	9	14	24	39
24311	Window units, wood.....1972..	279.3	50	64	80	93
	.....1967..	149.6	47	57	73	87
	.....1963..	119.1	41	51	65	81
24312	Wood window sash, including combination screen and storm sash, excluding window screens and window units.....1972..	60.7	36	51	74	95
	.....1967..	39.8	21	33	60	88
	.....1963..	40.4	18	29	54	80
24313	Wood window and door frames.....1972..	147.0	20	30	52	78
	.....1967..	56.6	20	30	51	76
	.....1963..	68.5	17	26	46	72
24314	Doors, wood, interior and exterior (including those shipped with glazed sections and doors shipped in door units).....1972..	527.6	16	26	46	69
	.....1967..	287.5	15	24	42	70
	.....1963..	254.9	11	20	41	69
24315	Other wood doors, including garage, screen, storm, and combination screen and storm, and louvre.....1972..	193.2	26	35	56	81
	.....1967..	117.4	27	37	56	79
	.....1963..	127.9	20	30	51	73
24316	Wood mouldings, except prefinished mouldings, made from purchased mouldings ⁴⁶.....1972..	406.4	19	29	51	73
	.....1967..	195.7	15	23	39	63
	.....1963..	166.6	10	17	32	54
	.....1958..	148.1	10	17	31	51
24317	Prefinished wood mouldings, made from purchased mouldings ⁴⁶.....1972..	74.1	51	73	94	100
24318	Other millwork products, including window screens and architectural millwork.....1972..	161.6	12	18	33	55
	.....1967..	108.3	9	16	30	51
	.....1963..	89.4	9	15	26	42
24310	Millwork products, n.s.k.....1972..	379.3	(X)	(X)	(X)	(X)
	.....1967..	241.0	(X)	(X)	(X)	(X)
	.....1963..	125.4	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²					
		Total (million dollars)	Percent accounted for by ³ —				
			4 largest companies	8 largest companies	20 largest companies	50 largest companies	
		MAJOR GROUP 24.--LUMBER AND WOOD PRODUCTS--Continued					
2434-	Wood kitchen cabinets ⁴⁷.....1972..	864.4	12	20	33	48	
24341	Wood kitchen cabinets, stock line (1967 product class 25114).....1972..	442.4	23	26	58	77	
		1967..	250.8	17	30	50	71
		1963..	250.1	14	23	38	56
24342	Wood kitchen cabinets, custom ⁴⁸.....1972..	234.9	12	20	35	51	
24343	Vanities and other cabinetwork ⁴⁸.....1972..	71.6	20	27	44	64	
		1967 product class 24317, Cabinetwork, to be built in ⁴⁸.....1967..	141.2	8	13	22	37
		1963..	149.6	9	14	21	33
		1958..	76.7	7	11	20	34
24340	Wood kitchen cabinets, n.s.k.....1972..	115.1	(X)	(X)	(X)	(X)	
2435-	Hardwood veneer and plywood ⁴⁹.....1972..	873.2	32	40	56	73	
24351	Hardwood plywood (1967 product class 24321).....1972..	368.9	35	45	63	85	
		1967..	333.0	29	39	57	78
		1963..	292.8	27	37	54	76
		1958..	182.6	20	29	49	72
24352	Prefinished hardwood plywood, made from purchased plywood ⁵⁰.....1972..	286.7	61	78	97	100	
24353	Other hardwood plywood-type products ⁵⁰.....1972..	33.1	83	98	100	(X)	
		1967 product class 24324, Prefinished hardwood plywood made from purchased plywood and other plywood-type products, except particleboard ⁵⁰.....1967..	162.2	48	61	85	99
		1963..	81.6	37	51	77	97
24354	Hardwood veneer (1967 product class 24325).....1972..	161.3	21	33	55	80	
		1967..	126.0	16	26	46	74
		1963..	122.2	14	22	42	67
		1958..	88.8	10	18	34	59
24350	Hardwood veneer and plywood, n.s.k.....1972..	25.3	(X)	(X)	(X)	(X)	
2436-	Softwood veneer and plywood ⁴⁹.....1972..	1,941.7	36	48	65	83	
24361	Softwood plywood, interior type (1967 product class 24322).....1972..	527.0	33	49	72	96	
		1967..	382.6	31	49	68	89
		1963..	415.3	27	40	56	80
		1958..	320.8	18	29	48	77
24362	Softwood plywood, exterior type (1967 product class 24323).....1972..	1,068.5	42	57	77	96	
		1967..	401.1	39	53	69	92
		1963..	225.2	29	40	60	91
		1958..	126.7	28	42	64	96
24363	Other softwood plywood-type products ⁵⁰.....1972..	39.6	79	91	99+	100	
24364	Softwood veneer (1967 product class 24326).....1972..	304.3	21	35	65	94	
		1967..	135.3	20	32	59	91
		1963..	129.2	18	28	52	89
		1958..	81.8	20	31	59	92
24360	Softwood veneer and plywood, n.s.k.....1972..	2.3	(X)	(X)	(X)	(X)	
24390	Structural wood products ⁵¹.....1972..	448.9	13	19	30	46	
2441-	Nailed wood boxes and shook.....1972..	232.8	23	30	43	60	
		1967..	255.3	17	23	36	53
		1963..	189.4	14	19	29	44
24411	Nailed or lock-corner wooden boxes.....1972..	86.5	29	43	66	88	
		1967..	111.9	26	39	58	80
		1963..	83.8	15	23	36	58
24412	Box shook for fruits, vegetables, and industrial uses.....1972..	100.0	39	49	65	85	
		1967..	109.1	24	33	50	74
		1963..	90.2	23	31	46	70
		1958..	104.8	(¹²)	(¹²)	(¹²)	(¹²)
24410	Nailed wood boxes and shook, n.s.k.....1972..	46.3	(X)	(X)	(X)	(X)	
		1967..	34.3	(X)	(X)	(X)	(X)
		1963..	15.4	(X)	(X)	(X)	(X)
24480	Pallets and skids (1967 product class 24992).....1972..	286.5	6	10	18	33	
		1967..	187.0	8	13	24	40
		1963..	98.7	6	11	20	36

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 24.--LUMBER AND WOOD PRODUCTS--Continued				
2449-	Wood containers, n.e.c. ⁵².....1972..	218.1	22	36	58	85
	.....1967..	236.6	(NA)	(NA)	(NA)	(NA)
	.....1963..	186.3	(NA)	(NA)	(NA)	(NA)
24491	Wirebound boxes made from lumber, veneer, and plywood (1967 product class 24420).. ..1972..	129.9	30	45	75	95
	.....1967..	131.2	32	48	74	96
	.....1963..	107.6	30	47	72	94
24493	Veneer and plywood containers, except boxes and crates (1967 product class 24430).....1972..	20.7	39	55	79	98
	.....1967..	27.5	34	45	70	94
	.....1963..	29.2	34	45	66	92
24495	Slack and tight cooperage (1967 product class 24450).....1972..	65.5	56	76	94	100
	.....1967..	77.9	55	82	94	100
	.....1963..	49.5	48	73	91	99
	.....1958..	67.5	46	67	85	95
24490	Wood containers, n.e.c., n.s.k.....1972..	2.0	(X)	(X)	(X)	(X)
2451-	Mobile homes ⁵³.....1972..	3,181.7	27	38	57	78
24511	Mobile homes (35 feet or more in length) ⁵³... ..1972..	3,117.4	27	39	58	78
24512	Mobile buildings, nonresidential (35 feet or more in length).....1972..	44.5	36	53	79	99
24510	Mobile homes, n.s.k. ⁵³.....1972..	19.8	(X)	(X)	(X)	(X)
2452-	Prefabricated wood buildings ⁵⁴.....1972..	993.7	32	40	52	68
24521	Components for stationary buildings (not sold as complete units) ⁵⁴.....1972..	116.3	39	51	73	96
24522	Precut packages for stationary buildings (sold as complete units) ⁵⁴.....1972..	152.9	53	64	83	99
24523	Stationary buildings sold as complete units and shipped in panel form (two-dimensional) ⁵⁴.....1972..	452.5	49	62	77	94
24524	Stationary buildings shipped in three-dimensional assemblies ⁵⁴.....1972..	241.2	28	41	66	91
24520	Prefabricated wood buildings, n.s.k.....1972..	30.7	(X)	(X)	(X)	(X)
2491-	Wood preserving.....1972..	461.3	35	44	60	78
	.....1967..	327.5	33	43	61	82
	.....1963..	240.3	32	42	62	82
	.....1958..	201.3	31	42	63	85
24911	Wood owned and treated by same establishment.....1972..	394.3	36	47	65	85
	.....1967..	284.5	33	43	63	86
	.....1963..	209.1	32	43	63	85
24919	Contract wood preserving.....1972..	29.1	71	81	94	100
	.....1967..	28.7	57	70	87	98
	.....1963..	25.9	46	61	82	97
24910	Wood preserving, n.s.k.....1972..	38.0	(X)	(X)	(X)	(X)
	.....1967..	14.3	(X)	(X)	(X)	(X)
	.....1963..	5.3	(X)	(X)	(X)	(X)
24920	Particleboard (1967 product class 24993).....1972..	292.5	45	68	91	100
	.....1967..	89.1	45	66	92	100
	.....1963..	54.9	42	62	92	100
2499-	Wood products, n.e.c. ⁵⁵.....1972..	1,480.4	16	22	32	44
24991	Mirror and picture frames.....1972..	173.0	37	49	67	85
	.....1967..	115.7	32	46	66	86
	.....1963..	82.2	29	43	61	79
	.....1958..	57.3	24	34	52	71
24994	Cork products.....1972..	19.0	63	85	99	100
	.....1967..	20.5	46	63	85	100
	.....1963..	25.6	58	68	88	100
24995	Wood products, n.e.c.....1972..	700.5	17	22	34	50
	.....1967..	464.8	13	19	30	45
	.....1963..	340.8	6	11	22	36
24996	Fabricated hardboard products, made from hardboard produced at the same establishment.....1972..	260.4	53	77	98	100
	.....1967..	159.1	67	83	100	(X)
	.....1963..	131.4	76	88	100	(X)
24990	Wood products, n.e.c., n.s.k.....1972..	327.5	(X)	(X)	(X)	(X)
	.....1967..	145.2	(X)	(X)	(X)	(X)
	.....1963..	64.0	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 25. --FURNITURE AND FIXTURES				
2511-	Wood household furniture ⁵⁶.....1972..	2,716.8	14	22	39	56
25112	Wood living room, library, sunroom, and hall furniture, except sewing machine cabinets ⁵⁷.....1972..	614.4	17	27	47	67
	.....1967..	395.4	18	25	39	59
	.....1963..	315.4	14	22	36	54
	.....1958..	222.4	12	19	31	50
25113	Wood dining room and kitchen furniture, except cabinets.....1972..	603.8	19	33	58	79
	.....1967..	375.7	21	34	54	73
	.....1963..	272.3	17	30	48	67
25115	Wood bedroom furniture.....1972..	1,029.2	21	33	55	79
	.....1967..	694.7	20	29	47	71
	.....1963..	578.2	19	28	44	65
	.....1958..	457.2	17	26	41	60
25116	Infants' and children's wood furniture.....1972..	82.5	36	57	84	99+
	.....1967..	44.5	40	57	80	99
	.....1963..	43.5	28	49	74	96
	.....1958..	46.9	30	46	69	90
25117	Wood outdoor furniture and unpainted wood furniture.....1972..	107.9	46	66	82	96
	.....1967..	63.8	53	66	82	97
	.....1963..	51.2	41	51	67	85
25110	Wood household furniture, n.s.k.....1972..	279.1	(X)	(X)	(X)	(X)
	.....1967..	217.4	(X)	(X)	(X)	(X)
	.....1963..	90.2	(X)	(X)	(X)	(X)
25120	Upholstered wood household furniture ⁵⁸.....1972..	1,990.5	14	22	34	49
	.....1967..	1,215.5	12	18	28	41
	.....1963..	959.0	12	17	25	38
2514-	Metal household furniture.....1972..	859.3	14	23	41	65
	.....1967..	587.8	12	21	35	56
	.....1963..	507.7	12	18	31	53
	.....1958..	484.0	12	19	33	52
25141	Metal household, dining, and breakfast furniture.....1972..	245.6	38	57	82	98
	.....1967..	163.1	32	50	77	96
	.....1963..	141.2	27	43	70	90
	.....1958..	143.0	29	46	67	87
25142	Metal kitchen furniture.....1972..	71.4	33	51	80	99+
	.....1967..	56.5	31	48	73	98
	.....1963..	62.8	29	45	70	94
	.....1958..	89.7	33	46	68	89
25143	Metal porch, lawn, and outdoor furniture.....1972..	177.1	34	51	79	98
	.....1967..	109.7	32	50	76	98
	.....1963..	101.3	24	41	66	93
	.....1958..	91.4	24	40	67	91
25144	Other metal household furniture.....1972..	311.4	20	33	58	82
	.....1967..	208.0	21	32	55	82
	.....1963..	184.0	23	32	51	76
25140	Metal household furniture, n.s.k.....1972..	53.8	(X)	(X)	(X)	(X)
	.....1967..	50.5	(X)	(X)	(X)	(X)
	.....1963..	18.5	(X)	(X)	(X)	(X)
2515-	Mattresses and bedsprings.....1972..	1,073.8	22	28	40	54
	.....1967..	709.6	25	31	40	53
	.....1963..	608.7	23	28	36	50
25151	Innerspring mattresses, other than crib size.....1972..	333.9	30	37	51	67
	.....1967..	240.2	31	37	48	65
	.....1963..	234.1	26	31	41	57
25152	Other mattresses, including crib mattresses.....1972..	78.0	30	41	60	80
	.....1967..	57.6	34	44	59	77
	.....1963..	50.2	26	33	46	62
25153	Bedsprings.....1972..	275.1	30	39	54	71
	.....1967..	177.9	35	41	54	71
	.....1963..	157.3	31	37	47	63
25154	Convertible sofas.....1972..	208.6	33	47	66	83
	.....1967..	103.1	40	50	66	82
	.....1963..	82.3	39	48	63	80
	.....1958..	76.3	36	46	61	75

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 25.--FURNITURE AND FIXTURES--Continued				
2515-	Mattresses and bedsprings--Continued					
25155	Jackknife sofa beds and chair beds.....1972..	33.8	38	56	78	96
	.....1967..	34.9	32	43	61	84
	.....1963..	38.8	19	30	48	72
25156	Studio couches.....1972..	22.6	70	83	95	100
	.....1967..	15.0	63	80	93	100
	.....1963..	17.6	46	61	80	93
	.....1958..	17.3	41	50	68	84
25150	Mattresses and bedsprings, n.s.k.....1972..	121.9	(X)	(X)	(X)	(X)
	.....1967..	80.9	(X)	(X)	(X)	(X)
	.....1963..	28.4	(X)	(X)	(X)	(X)
25170	Wood television, radio, stereo, and sewing machine cabinets ⁵⁹.....1972..	288.0	34	57	81	95
25190	Household furniture, n.e.c.....1972..	190.5	14	25	46	74
	.....1967..	79.0	27	38	60	86
	.....1963..	46.9	18	30	55	85
	.....1958..	35.3	23	36	57	80
25210	Wood office furniture.....1972..	259.0	23	34	54	73
	.....1967..	158.1	25	41	63	82
	.....1963..	100.4	27	41	64	86
	.....1958..	70.7	22	38	63	83
2522-	Metal office furniture.....1972..	781.7	37	49	70	88
	.....1967..	586.1	32	45	69	88
	.....1963..	358.1	29	45	69	88
	.....1958..	273.3	33	49	73	89
25221	Metal office seating, including upholstered.....1972..	193.1	51	71	91	99+
	.....1967..	133.6	51	67	87	100
	.....1963..	73.6	48	67	88	99
	.....1958..	53.5	48	65	91	99
25222	Desks.....1972..	153.7	56	75	94	100
	.....1967..	150.6	47	65	89	100
	.....1963..	88.3	44	64	88	97
	.....1958..	66.3	49	71	92	100
25223	Cabinets and cases.....1972..	298.1	36	55	80	98
	.....1967..	200.2	33	50	78	95
	.....1963..	143.2	31	51	77	97
	.....1958..	107.3	36	58	84	97
25224	Other metal office furniture, including tables, stands, etc.....1972..	107.8	37	52	74	93
	.....1967..	86.6	35	48	71	93
	.....1963..	50.3	28	45	69	92
	.....1958..	34.2	30	46	70	94
25220	Metal office furniture, n.s.k.....1972..	29.0	(X)	(X)	(X)	(X)
	.....1967..	14.8	(X)	(X)	(X)	(X)
	.....1963..	2.7	(X)	(X)	(X)	(X)
2531-	Public building and related furniture.....1972..	485.2	18	26	40	59
	.....1967..	389.7	18	30	46	64
	.....1963..	263.3	21	32	45	62
	.....1958..	218.9	24	34	47	65
25311	School furniture, except stone and concrete.....1972..	181.2	21	36	59	84
	.....1967..	158.5	26	40	60	81
	.....1963..	118.0	32	46	62	82
25312	Public building and related furniture, except school furniture.....1972..	268.3	22	31	49	72
	.....1967..	209.5	27	39	56	76
	.....1963..	134.2	21	31	49	72
25310	Public building and related furniture, n.s.k.....1972..	35.4	(X)	(X)	(X)	(X)
	.....1967..	21.5	(X)	(X)	(X)	(X)
	.....1963..	11.1	(X)	(X)	(X)	(X)
2541-	Wood partitions and fixtures ⁶⁰.....1972..	772.1	5	11	19	33
	.....1967..	484.5	6	10	18	33
	.....1963..	384.5	4	7	14	25
25411	Wood partitions, shelving, and lockers ⁶⁰.....1972..	77.0	31	47	75	94
25412	Plastic laminated fixture tops ⁶⁰.....1972..	141.8	16	25	41	61
25413	Wood fixtures for stores, banks, offices, and other miscellaneous fixtures ⁶⁰.....1972..	354.0	10	18	33	53
25410	Wood partitions and fixtures, n.s.k.....1972..	199.3	10	15	26	39

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ --			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 25.--FURNITURE AND FIXTURES--Continued				
2542-	Metal partitions and fixtures ⁶¹.....1972..	713.1	13	22	39	59
	.....1967..	512.2	19	27	43	64
	.....1963..	367.6	19	26	41	61
25421	Metal partitions ⁶¹.....1972..	79.3	49	64	88	99+
25422	Metal shelving and lockers ⁶¹.....1972..	230.5	31	49	74	94
25423	Metal storage racks and accessories ⁶¹.....1972..	95.2	33	51	77	97
25424	Metal fixtures for stores, banks, offices and miscellaneous fixtures ⁶¹.....1972..	217.3	24	38	61	81
25420	Metal partitions and fixtures, n.s.k.....1972..	90.8	12	20	36	61
2591-	Drapery hardware and blinds and shades.....1972..	311.4	47	63	76	83
	.....1967..	207.0	39	55	72	81
	.....1963..	170.8	34	49	68	77
25911	Window shades and accessories.....1972..	226.9	65	86	94	99
	.....1967..	141.4	53	76	92	98
	.....1963..	108.9	48	70	87	93
25912	Venetian blinds.....1972..	43.6	48	66	83	97
	.....1967..	35.0	49	62	78	93
	.....1963..	50.4	33	47	60	72
25910	Drapery hardware and blinds and shades, n.s.k.....1972..	40.9	(X)	(X)	(X)	(X)
	.....1967..	30.6	(X)	(X)	(X)	(X)
	.....1963..	11.5	(X)	(X)	(X)	(X)
25990	Furniture and fixtures, n.e.c.....1972..	379.1	12	19	34	53
	.....1967..	193.8	15	23	38	59
	.....1963..	138.0	13	22	37	57
		MAJOR GROUP 26.--PAPER AND ALLIED PRODUCTS				
2611-	Pulpmills.....1972..	1,132.4	43	61	85	99
	.....1967..	904.8	37	56	83	99
	.....1963..	726.0	38	59	83	98
	.....1958..	567.7	37	57	82	99
26111	Special alpha and dissolving woodpulp.....1972..	304.7	(D)	100	(X)	(X)
	.....1967..	227.2	80	(D)	100	(X)
	.....1963..	210.0	83	(D)	100	(X)
	.....1958..	134.3	(D)	100	(X)	(X)
26112	Other pulp (including wood) and pulpmill byproducts, except tall oil.....1972..	826.0	39	55	83	99
	.....1967..	673.8	32	50	81	99
	.....1963..	515.8	34	53	79	98
	.....1958..	433.4	34	48	78	98
26110	Pulpmills, n.s.k.....1972..	1.7	(X)	(X)	(X)	(X)
	.....1967..	3.8	(X)	(X)	(X)	(X)
	.....1963..	0.1	(X)	(X)	(X)	(X)
2621-	Papermill products, except building paper.....1972..	6,183.7	25	40	65	86
	.....1967..	4,739.5	26	41	64	85
	.....1963..	3,724.0	26	40	61	83
	.....1958..	3,044.6	25	39	58	78
26211	Newsprint.....1972..	506.0	49	78	100	(X)
	.....1967..	321.8	52	81	(D)	100
	.....1963..	270.8	57	88	100	(X)
	.....1958..	214.8	62	93	100	(X)
26212	Groundwood paper, uncoated.....1972..	232.7	63	88	99+	100
	.....1967..	192.6	53	78	99	100
	.....1963..	165.6	50	75	99	100
	.....1958..	143.8	47	70	99	100
26213	Coated printing and converting paper.....1972..	1,026.2	36	64	96	100
	.....1967..	818.1	38	66	98	100
	.....1963..	498.6	44	75	99	99+
	.....1958..	362.5	52	83	100	(X)
	.....1954..	252.6	55	83	100	(X)
26214	Book paper, uncoated.....1972..	760.6	30	47	82	100
	.....1967..	583.4	27	46	80	99+
	.....1963..	500.1	29	49	77	99+
	.....1958..	426.3	35	56	86	99+

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ --			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 26.--PAPER AND ALLIED PRODUCTS--Continued				
2621-	Papermill products, except building paper--Continued					
26215	Bleached bristols (excluding cotton fiber index and bogus).....1972..	243.5	68	87	99	100
	.....1967..	210.6	67	82	99	100
26216	Writing and related papers.....1972..	1,200.3	32	49	72	95
	.....1967..	934.9	34	49	72	95
26217	Unbleached kraft packaging and industrial converting paper.....1972..	602.8	40	61	92	100
	.....1967..	503.1	39	61	92	100
26218	Packaging and industrial converting paper except unbleached kraft.....1972..	370.2	37	54	90	100
	.....1967..	283.8	38	58	88	100
26219	Special industrial paper.....1972..	272.0	36	57	85	99+
	.....1967..	193.2	31	49	81	99+
26210	Tissue paper and other machine-creped paper.....1972..	946.0	56	77	92	99
	.....1967..	692.8	53	74	90	99+
	.....1963..	547.4	56	72	88	99
	.....1958..	440.1	57	69	83	94
	.....1954..	352.7	54	64	80	(NA)
26210	Papermill products, except building paper, n.s.k.....1972..	13.1	(X)	(X)	(X)	(X)
	.....1967..	5.2	(X)	(X)	(X)	(X)
	.....1963..	2.7	(X)	(X)	(X)	(X)
2631-	Paperboard mill products.....1972..	3,657.5	26	41	67	92
	.....1967..	2,673.1	24	39	62	89
	.....1963..	2,184.7	25	39	63	86
	.....1958..	1,697.7	27	39	61	85
26311	Unbleached kraft packaging and industrial converting paperboard.....1972..	1,562.2	37	58	88	100
	.....1967..	974.8	35	54	90	100
26312	Bleached packaging and industrial converting paperboard.....1972..	696.3	42	67	99	100
	.....1967..	522.6	41	66	97	100
26313	Semichemical paperboard.....1972..	415.3	33	52	86	100
	.....1967..	294.9	40	60	96	100
26314	Combination furnish paperboard ⁶².....1972..	929.5	29	44	70	91
	1967 product class 26314, Combination paperboard: Shipping containerboard ⁶².....1967..	175.6	42	59	84	100
	1967 product class 26315, Combination paperboard: Bending ⁶².....1967..	369.7	36	54	79	98
	1967 product class 26316, Combination paperboard: Nonbending ⁶².....1967..	119.2	26	44	79	100
	1967 product class 26317, Special combination packaging and industrial converting paperboard ⁶².....1967..	145.9	49	67	90	100
26318	Wet machine board.....1972..	46.6	71	89	100	(X)
	.....1967..	36.4	63	84	100	(X)
	.....1963..	37.3	54	76	98	100
	.....1958..	28.9	48	72	97	100
26310	Paperboard mill products, n.s.k.....1972..	7.5	(X)	(X)	(X)	(X)
	.....1967..	34.0	(X)	(X)	(X)	(X)
	.....1963..	1.5	(X)	(X)	(X)	(X)
2641-	Paper coating and glazing.....1972..	1,653.1	26	37	56	77
	.....1967..	1,354.6	29	40	58	78
	.....1963..	1,170.7	30	42	59	79
	.....1958..	812.2	26	40	58	79
26411	Printing paper coated at establishments other than where the paper was produced.....1972..	114.8	56	70	91	100
	.....1967..	125.3	61	81	94	100
	.....1963..	147.9	56	86	99	100
	.....1958..	96.0	58	85	98	(NA)
	.....1954..	82.5	50	79	98	(NA)
26412	Oiled, waxed, and wax-laminated paper, plain or printed.....1972..	153.3	43	63	87	99+
	.....1967..	189.4	48	69	90	99
	.....1963..	213.3	47	68	88	99
	.....1958..	240.3	51	71	91	99
	.....1954..	208.8	42	61	85	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 26.--PAPER AND ALLIED PRODUCTS--Continued				
2641-	Paper coating and glazing--Continued					
26413	Gummed products.....1972..	139.2	30	53	92	99+
	.....1967..	125.6	36	59	91	99+
	.....1963..	98.2	32	55	89	99+
	.....1958..	78.4	36	61	92	99
	.....1954..	66.4	35	63	92	(NA)
26414	Pressure sensitive tape.....1972..	574.5	59	74	90	98
	.....1967..	438.3	68	81	94	99
	.....1963..	311.7	65	76	92	99
	.....1958..	183.4	76	88	97	99
	.....1954..	148.9	(D)	95	98	(NA)
26417	Laminated or coated rolls and sheets, for packaging uses, except waxed ⁶³.....1972..	351.9	35	52	80	98
26418	Other coated and processed paper, except for packaging uses and except waxed ⁶³.....1972..	268.1	40	55	80	98
26410	Paper coating and glazing, n.s.k.....1972..	51.3	(X)	(X)	(X)	(X)
	.....1967..	27.7	(X)	(X)	(X)	(X)
	.....1963..	7.6	(X)	(X)	(X)	(X)
	.....1958..	2.3	(X)	(X)	(X)	(X)
26420	Envelopes, all types and materials (excluding stationery envelopes).....1972..	587.7	27	41	62	81
	.....1967..	443.4	28	40	59	81
	.....1963..	330.7	26	37	55	79
	.....1958..	246.9	27	37	54	77
	.....1954..	197.3	27	35	51	(NA)
2643-	Bags, except textile bags.....1972..	1,826.4	21	36	58	74
	.....1967..	1,292.7	22	35	56	73
	.....1963..	976.9	23	35	55	73
	.....1958..	857.2	28	43	62	79
26431	Grocers' and variety bags (paper), and wardrobe, shopping and other bags.....1972..	531.2	33	56	89	99+
	.....1967..	362.8	36	56	87	99+
	.....1963..	254.1	33	55	83	99
	.....1958..	240.0	47	67	92	99
26432	Specialty bags and liners.....1972..	816.6	31	41	56	72
	.....1967..	571.4	20	31	49	67
	.....1963..	416.1	18	28	47	67
	.....1958..	304.5	21	36	57	74
	.....1954..	206.3	26	40	59	(NA)
26433	Shipping sacks and multiwall bags.....1972..	408.4	43	58	85	99+
	.....1967..	316.4	48	65	87	99+
	.....1963..	288.6	46	65	87	99+
	.....1958..	312.7	50	64	84	47
	.....1954..	255.0	57	69	89	(NA)
26430	Bags, except textile bags, n.s.k.....1972..	88.2	(X)	(X)	(X)	(X)
	.....1967..	42.1	(X)	(X)	(X)	(X)
	.....1963..	18.1	(X)	(X)	(X)	(X)
2645-	Die-cut paper and board.....1972..	646.6	37	47	61	80
	.....1967..	547.6	30	40	55	75
	.....1963..	380.1	30	39	56	74
	.....1958..	264.9	34	43	59	76
26451	Office supplies (filing accessories) and miscellaneous products.....1972..	343.6	38	50	70	89
	.....1967..	346.6	32	43	62	85
	.....1963..	297.8	37	48	66	83
	.....1958..	207.9	43	52	69	61
26452	Pasted, lined, laminated, or surface-coated paperboard.....1972..	271.3	62	71	86	98
	.....1967..	167.7	55	65	83	98
26450	Die-cut paper and board, n.s.k.....1972..	31.7	(X)	(X)	(X)	(X)
	.....1967..	33.3	(X)	(X)	(X)	(X)
	.....1963..	9.2	(X)	(X)	(X)	(X)
2646-	Pressed and molded pulp goods.....1972..	161.6	75	89	98	100
	.....1967..	142.7	71	86	96	100
	.....1963..	112.0	70	85	94	99+
	.....1958..	80.4	67	87	96	99
	.....1954..	45.2	76	92	99	(NA)
26461	Bituminous fiber pipe, sewer and drainage, conduit and fittings— molded pulp or papier-maché.....1972..	21.3	100	(X)	(X)	(X)
	.....1967..	22.6	(D)	100	(X)	(X)
	.....1963..	23.0	90	100	(X)	(X)
	.....1958..	29.5	92	100	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ¹ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 26.--PAPER AND ALLIED PRODUCTS--Continued				
2646-	Pressed and molded pulp goods--Continued					
26462	Other pressed and molded pulp goods.....1972..	136.3	88	95	100	(X)
	1967..	118.3	86	92	99	100
	1963..	89.1	83	89	97	100
	1958..	50.9	85	90	98	100
26460	Pressed and molded pulp goods, n.s.k.....1972..	4.0	(X)	(X)	(X)	(X)
	1967..	1.8	(X)	(X)	(X)	(X)
2647-	Sanitary paper products.....1972..	1,981.9	65	82	94	99
	1967..	1,234.4	61	78	91	98
	1963..	925.4	59	75	90	98
	1958..	689.3	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
26471	Sanitary napkins and tampons.....1972..	281.1	91	(D)	100	(X)
	1967..	182.1	95	(D)	100	(X)
	1963..	142.0	(D)	(D)	100	(X)
	1958..	116.1	97	(D)	100	(X)
	1954..	76.1	98	100	(X)	(X)
26472	Sanitary tissue health products ⁶⁴.....1972..	1,692.7	70	85	95	99+
	1967..	1,040.6	64	81	92	99
	1963..	783.4	61	77	90	98
	1958..	573.2	61	75	90	98
	1954..	427.4	37	57	83	(NA)
26470	Sanitary paper products, n.s.k.....1972..	8.1	(X)	(X)	(X)	(X)
	1967..	11.7	(X)	(X)	(X)	(X)
2648-	Stationery products (1967 product class 26491) ⁶⁵.....1972..	422.6	26	38	56	73
	1967..	256.7	33	44	65	87
	1963..	202.1	30	42	63	86
	1958..	151.2	28	42	65	88
	1954..	106.5	31	43	64	(NA)
26481	Stationery ⁶⁵.....1972..	118.1	38	54	78	95
26482	Tablets and related products ⁶⁵.....1972..	220.7	41	56	79	98
26480	Stationery products, n.s.k. ⁶⁵.....1972..	83.8	(X)	(X)	(X)	(X)
2649-	Converted paper products, n.e.c. ⁶⁶.....1972..	665.1	14	24	42	64
26492	Wrapping products (gift wrap, etc.).....1972..	181.2	52	68	89	99+
	1967..	109.4	35	59	84	99
	1963..	88.2	34	54	86	99
	1958..	87.2	36	56	83	97
26493	Wallpaper (1967 product class 26440).....1972..	83.0	49	63	84	97
	1967..	46.2	39	56	79	98
	1963..	33.6	32	48	75	97
	1958..	35.6	41	57	82	98
	1954..	39.6	40	57	79	(NA)
26495	Other converted paper and board products.....1972..	394.3	15	25	46	68
	1967..	283.8	33	42	56	75
	1963..	270.1	22	34	56	75
	1958..	226.8	22	36	56	73
26490	Converted paper products, n.s.k.....1972..	6.6	(X)	(X)	(X)	(X)
26510	Bending paperboard packaging and packaging components, including die-cut, nonfolded packaging items, for products except liquid, moist, oily, or perishable foods.....1972..	1,360.0	20	32	49	68
	1967..	1,116.2	21	33	51	68
	1963..	1,026.0	21	34	51	67
	1958..	815.4	21	31	49	66
	1954..	625.4	19	31	50	(NA)
26520	Setup paperboard boxes.....1972..	342.6	10	16	29	46
	1967..	291.8	11	18	29	45
	1963..	232.3	10	18	28	44
	1958..	225.9	10	16	26	42
	1954..	220.3	9	13	21	(NA)
26530	Corrugated and solid fiber boxes, including pallets.....1972..	4,196.9	19	33	58	76
	1967..	2,893.2	18	33	61	78
	1963..	2,136.2	19	36	62	79
	1958..	1,627.6	21	36	55	73

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 26.--PAPER AND ALLIED PRODUCTS--Continued				
2654-	Sanitary food containers.....1972.. 1967.. 1963.. 1958..	1,388.0	41	58	80	90
		1,105.8	45	62	82	93
		854.7	54	72	88	97
		642.5	56	75	90	97
26541	Milk and other beverage cartons.....1972.. 1967.. 1963.. 1958..	331.5	79	97	100	(X)
		278.9	79	96	100	(X)
		284.8	81	(D)	100	(X)
		199.3	89	(D)	100	(X)
26542	Cups and liquid-tight containers.....1972.. 1967.. 1963.. 1958..	443.7	77	91	99	100
		384.5	76	93	99	100
		300.0	75	92	99	100
		230.5	79	93	99	100
26543	Other sanitary food containers, boards, and trays.....1972.. 1967.. 1963.. 1958..	591.5	28	41	63	83
		430.8	37	48	70	87
		268.3	49	62	81	95
		212.7	55	69	82	96
26540	Sanitary food containers, n.s.k.....1972.. 1967.. 1963..	21.3	(X)	(X)	(X)	(X)
		11.6	(X)	(X)	(X)	(X)
		1.6	(X)	(X)	(X)	(X)
2655-	Fiber cans, drums, and similar products.....1972.. 1967.. 1963.. 1958..	620.0	52	67	80	90
		425.4	49	69	82	92
		302.1	51	71	82	91
		189.2	45	63	77	89
26551	Paperboard fiber drums with metal, wood, or paperboard ends.....1972.. 1967.. 1963.. 1958..	136.9	(D)	94	(D)	100
		93.4	(D)	98	100	(X)
		62.0	(D)	(D)	100	(X)
		55.3	(D)	(D)	94	99
26552	Fiber cans, tubes, and similar fiber products.....1972.. 1967.. 1963.. 1958..	465.7	53	67	81	93
		322.0	51	67	82	94
		236.9	51	71	82	92
		133.9	43	60	75	91
26550	Fiber cans, drums, and similar products, n.s.k.....1972.. 1967.. 1963..	17.5	(X)	(X)	(X)	(X)
		10.1	(X)	(X)	(X)	(X)
		3.2	(X)	(X)	(X)	(X)
2661-	Building paper and board mills.....1972.. 1967.. 1963.. 1958..	401.9	47	66	95	99+
		317.9	46	67	94	99+
		299.5	42	62	93	99+
		295.3	39	59	(NA)	(NA)
26611	Insulating board.....1972.. 1967.. 1963.. 1958..	219.7	58	78	100	(X)
		177.3	59	82	(D)	100
		171.3	49	75	(D)	(D)
		169.8	53	76	98	100
26612	Construction paper.....1972.. 1967.. 1963.. 1958.. 1954..	175.6	51	78	99+	100
		135.3	48	74	98	100
		126.7	45	71	97	100
		121.1	39	63	86	95
	121.1	41	66	92	(NA)	
26610	Building paper and board mills, n.s.k.....1972.. 1967.. 1963.. 1958..	6.6	(X)	(X)	(X)	(X)
		5.3	(X)	(X)	(X)	(X)
		1.5	(X)	(X)	(X)	(X)
		4.3	(X)	(X)	(X)	(X)
		MAJOR GROUP 27.--PRINTING AND PUBLISHING				
2711-	Newspapers.....1972.. 1967.. 1963.. 1958..	7,901.1	17	29	44	61
		5,549.8	16	25	40	56
		4,254.7	15	22	36	53
		3,458.3	18	25	36	53
27111	Daily and Sunday newspapers, receipts from subscriptions and sales.....1972.. 1967.. 1963.. 1958..	1,745.5	20	33	51	70
		1,309.1	19	29	47	64
		1,064.4	20	28	43	61
		916.7	25	32	46	63
27112	Daily and Sunday newspapers, receipts from advertising.....1972.. 1967.. 1963.. 1958..	5,207.9	20	32	49	69
		3,652.5	18	28	45	64
		2,727.5	15	24	39	58
		2,208.7	18	26	39	57
27113	Weekly and other newspapers, receipts from subscriptions and sales.....1972.. 1967.. 1963.. 1958..	106.9	21	28	38	50
		78.2	26	33	41	54
		82.9	18	22	29	38
		62.6	11	14	20	28

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 27.--PRINTING AND PUBLISHING--Continued				
2711-	Newspapers--Continued					
27114	Weekly and other newspapers, receipts from advertising.....1972..	386.5	5	10	20	34
	.....1967..	243.2	5	10	18	30
	.....1963..	296.0	6	8	13	20
	.....1958..	235.2	3	5	9	16
27110	Newspapers, n.s.k.....1972..	454.4	(X)	(X)	(X)	(X)
	.....1967..	266.8	(X)	(X)	(X)	(X)
	.....1963..	83.9	(X)	(X)	(X)	(X)
	.....1958..	35.2	(X)	(X)	(X)	(X)
2721-	Periodicals.....1972..	3,187.0	22	33	50	65
	.....1967..	2,668.2	23	36	53	68
	.....1963..	2,035.5	26	39	56	69
	.....1958..	1,578.4	31	40	54	67
27211	Farm periodicals, receipts from subscriptions and sales.....1972..	14.2	38	55	81	99+
	.....1967..	11.3	41	63	85	99+
	.....1963..	8.5	50	68	90	99+
	.....1958..	11.3	44	59	78	97
27212	Farm periodicals, receipts from advertising.....1972..	61.7	39	61	84	99+
	.....1967..	45.7	43	59	81	99
	.....1963..	45.6	48	65	87	99+
	.....1958..	55.4	43	59	80	97
27213	Specialized business and professional periodicals, receipts from subscriptions and sales.....1972..	262.2	31	40	59	77
	.....1967..	149.6	31	41	58	77
	.....1963..	122.7	23	30	44	62
	.....1958..	86.3	(¹²)	(¹²)	(¹²)	(¹²)
27214	Specialized business and professional periodicals, receipts from advertising.....1972..	648.0	26	36	52	71
	.....1967..	524.9	34	45	59	73
	.....1963..	412.7	28	37	49	65
	.....1958..	294.1	(¹²)	(¹²)	(¹²)	(¹²)
27215	General periodicals, receipts from subscriptions and sales.....1972..	828.8	36	56	79	90
	.....1967..	593.5	37	55	80	92
	.....1963..	456.7	38	56	80	93
	.....1958..	343.1	(¹²)	(¹²)	(¹²)	(¹²)
27216	General periodicals, receipts from advertising.....1972..	889.0	40	60	84	94
	.....1967..	879.5	48	67	90	97
	.....1963..	710.6	53	72	92	97
	.....1958..	543.9	59	73	91	98
27217	Other periodicals, except shopping news, directories, or catalogs, n.e.c.....1972..	282.1	28	45	65	84
	.....1967..	284.2	30	44	65	84
	.....1963..	230.2	35	46	64	81
	.....1958..	265.4	(¹²)	(¹²)	(¹²)	(¹²)
27210	Periodicals, n.s.k.....1972..	201.1	(X)	(X)	(X)	(X)
	.....1967..	179.5	(X)	(X)	(X)	(X)
	.....1963..	48.5	(X)	(X)	(X)	(X)
	.....1958..	39.6	(X)	(X)	(X)	(X)
2731-	Book publishing.....1972..	2,915.4	16	27	52	75
	.....1967..	2,255.3	16	27	52	75
	.....1963..	1,547.8	18	29	52	73
	.....1958..	1,010.7	16	26	45	65
	.....1954..	665.4	18	28	47	(NA)
27311	Text books, including teachers' editions.....1972..	809.6	33	54	80	95
	.....1967..	733.6	29	50	79	94
	.....1963..	471.1	32	54	81	94
	.....1958..	281.7	33	50	76	93
27313	Technical, scientific, and professional books.....1972..	403.0	39	57	76	92
	.....1967..	240.2	38	54	74	91
	.....1963..	156.3	32	49	68	87
	.....1958..	116.0	27	43	71	91
27314	Religious books.....1972..	131.2	36	51	76	97
	.....1967..	110.4	27	46	74	96
	.....1963..	81.1	22	37	65	89
	.....1958..	58.6	30	45	70	90
27315	General books (trade, etc.).....1972..	1,006.7	29	47	74	92
	.....1967..	657.7	28	46	70	91
	.....1963..	458.2	30	46	59	89
	.....1958..	274.7	39	53	72	90

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 27.--PRINTING AND PUBLISHING--Continued				
2731-	Book publishing--Continued					
27317	General reference books ⁶⁷.....1972..	235.2	71	82	94	99+
	.....1967..	216.3	81	91	(D)	100
	.....1963..	207.3	87	96	100	(X)
	.....1958..	163.6	(¹²)	(¹²)	(¹²)	(¹²)
27318	Other books (excluding pamphlets) ⁶⁸.....1972..	125.4	54	65	85	99
27319	Pamphlets ⁶⁸.....1972..	48.7	62	73	87	99
	1967 product class 27316, Other books and pamphlets ⁶⁸.....1967..	200.1	48	61	78	92
	.....1963..	154.8	37	48	68	85
	.....1958..	96.0	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)
27310	Book publishing, n.s.k.....1972..	155.6	(X)	(X)	(X)	(X)
	.....1967..	97.0	(X)	(X)	(X)	(X)
	.....1963..	18.9	(X)	(X)	(X)	(X)
	.....1958..	20.2	(X)	(X)	(X)	(X)
2732-	Book printing.....1972..	1,050.0	19	27	44	57
	.....1967..	900.3	15	23	38	53
	.....1963..	607.0	14	23	37	51
	.....1958..	422.9	15	22	34	48
	.....1954..	304.9	15	24	37	(NA)
27321	Books, printing only, lithographic ⁶⁹.....1972..	111.5	17	29	50	75
	.....1967..	601.0	19	29	41	55
	.....1963..	344.2	19	26	37	52
	.....1958..	167.6	20	26	38	54
27322	Books, printing and binding, lithographic ⁶⁹.....1972..	469.9	38	51	69	84
27323	Pamphlets, workbooks, standardized and objective tests, printing only, lithographic ⁶⁹.....1972..	68.3	24	32	46	64
27324	Pamphlets, workbooks standardized and objective tests, printing and binding, lithographic ⁶⁹.....1972..	129.5	27	35	49	64
	1967 product class 27322, Book and pamphlet printing and book binding (other than lithographic process) ⁷⁰.....1967..	254.1	26	39	60	77
	.....1963..	241.7	22	38	59	72
	.....1958..	248.4	16	26	43	59
27325	Books, printing only, other than lithographic ⁷⁰.....1972..	20.6	36	53	80	98
27326	Books, printing and binding, other than lithographic ⁷⁰.....1972..	115.1	61	79	91	97
27327	Pamphlets, workbooks, standardized and objective tests, printing only or printing and binding, other than lithographic ⁷⁰.....1972..	25.7	29	44	60	78
27320	Book printing, n.s.k.....1972..	109.4	(X)	(X)	(X)	(X)
	.....1967..	45.0	(X)	(X)	(X)	(X)
	.....1963..	21.1	(X)	(X)	(X)	(X)
	.....1958..	6.9	(X)	(X)	(X)	(X)
2741-	Miscellaneous publishing.....1972..	1,058.3	29	42	55	64
	.....1967..	608.6	27	44	61	72
	.....1963..	413.4	29	42	57	68
	.....1958..	297.9	(¹²)	(¹²)	(¹²)	(¹²)
	.....1954..	231.1	28	39	52	(NA)
27411	Catalogs and directories, publishing.....1972..	244.1	63	75	86	94
	.....1967..	184.6	61	75	85	94
	.....1963..	133.0	56	69	78	87
	.....1958..	93.6	58	68	80	90
27412	Business service publications.....1972..	241.9	65	77	90	99
	.....1967..	123.0	69	84	93	99+
	.....1963..	101.6	65	81	93	99+
	.....1958..	64.3	(¹²)	(¹²)	(¹²)	(¹²)
27413	Other miscellaneous publishing ¹⁶.....1972..	401.1	39	49	61	74
	.....1967..	231.8	43	55	70	84
27410	Miscellaneous publishing, n.s.k.....1972..	171.2	(X)	(X)	(X)	(X)
	.....1967..	69.2	(X)	(X)	(X)	(X)
	.....1963..	20.6	(X)	(X)	(X)	(X)
	.....1958..	8.1	(X)	(X)	(X)	(X)
2751-	Commercial printing, letterpress ⁷¹.....1972..	3,405.3	9	13	19	28
	.....1967..	3,265.0	12	17	24	33
	.....1963..	2,711.4	12	17	25	34
	.....1958..	2,454.7	(¹²)	(¹²)	(¹²)	(¹²)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 27.--PRINTING AND PUBLISHING--Continued				
2751-	Commercial printing, letterpress--Continued					
27511	Magazine and periodical printing (letterpress).....	1972.. 424.3	59	71	82	91
		1967.. 512.7	42	55	70	82
		1963.. 574.0	40	52	70	81
		1958.. 452.7	36	48	64	(NA)
27512	Labels and wrappers printing (letterpress).....	1972.. 502.4	20	28	44	63
		1967.. 390.2	16	25	40	59
		1963.. 296.9	15	23	40	60
		1958.. 263.1	13	20	34	(NA)
27513	Catalogs and directories printing (letterpress).....	1972.. 134.3	53	74	85	91
		1967.. 171.3	40	54	66	74
		1963.. 148.7	40	55	69	76
		1958.. 139.9	37	49	66	(NA)
27514	Financial and legal printing (letterpress).....	1972.. 190.1	33	45	65	80
		1967.. 152.9	19	28	42	60
		1963.. 111.3	15	25	37	53
		1958.. 76.8	20	30	43	(NA)
27515	Advertising printing (letterpress).....	1972.. 268.7	14	20	34	48
		1967.. 345.7	7	11	18	29
		1963.. 276.4	8	12	20	31
		1958.. 348.7	6	10	17	(NA)
27516	Other general job printing (letterpress).....	1972.. 522.7	15	20	28	40
		1967.. 527.7	7	10	16	25
		1963.. 717.1	4	7	12	19
		1958.. 643.2	4	7	12	(NA)
27519	Screen process printing, except textiles.....	1972.. 172.1	15	21	34	56
		1967.. 93.3	13	20	35	57
		1963.. 69.2	13	20	33	51
		1958.. 53.2	12	17	29	50
27510	Commercial printing, letterpress, n.s.k.....	1972.. 1,190.7	(X)	(X)	(X)	(X)
		1967.. 640.8	(X)	(X)	(X)	(X)
		1963.. 213.1	(X)	(X)	(X)	(X)
		1958.. 231.6	(X)	(X)	(X)	(X)
2752-	Commercial printing, lithographic ^{7,2}	1972.. 4,919.8	5	8	15	24
		1967.. 3,132.9	10	13	20	28
		1963.. 2,025.2	5	9	15	23
		1958.. 1,366.2	(¹²)	(¹²)	(¹²)	(¹²)
27521	Magazine and periodical printing (lithographic).....	1972.. 631.6	22	32	50	68
		1967.. 296.1	15	25	46	65
		1963.. 138.5	18	25	41	62
		1958.. 66.2	(¹²)	(¹²)	(¹²)	(¹²)
27522	Labels and wrappers printing (lithographic).....	1972.. 280.3	24	37	57	73
		1967.. 186.9	28	38	55	71
		1963.. 147.3	25	35	51	68
		1958.. 123.4	26	38	56	76
27523	Catalogs and directories printing (lithographic).....	1972.. 464.1	19	27	41	57
		1967.. 267.7	19	25	38	54
		1963.. 165.3	18	24	35	49
		1958.. 75.6	19	26	39	54
27524	Financial and legal printing (lithographic).....	1972.. 271.1	25	35	48	62
		1967.. 137.7	24	33	48	65
		1963.. 108.9	24	31	46	62
		1958.. 50.0	38	47	61	75
27525	Advertising printing (lithographic).....	1972.. 1,554.1	6	10	16	26
		1967.. 967.6	8	9	16	28
		1963.. 721.6	6	9	16	26
		1958.. 577.3	6	9	16	27
27526	Other general job printing (lithographic) ¹⁶	1972.. 967.8	8	12	20	32
		1967.. 705.6	35	39	46	56
27520	Commercial printing, lithographic, n.s.k.....	1972.. 750.8	(X)	(X)	(X)	(X)
		1967.. 420.1	(X)	(X)	(X)	(X)
		1963.. 96.3	(X)	(X)	(X)	(X)
		1958.. 33.2	(X)	(X)	(X)	(X)
27530	Engraving and plate printing (except photoengraving).....	1972.. 205.0	23	28	38	52
		1967.. 151.3	16	21	31	46
		1963.. 111.2	23	29	40	53
		1958.. 93.7	25	30	40	53
		1954.. 70.4	20	26	36	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 27.--PRINTING AND PUBLISHING--Continued				
2754-	Commercial printing, gravure ⁷³.....1972..	759.1	37	53	74	90
27541	Publication printing, gravure (1967 product class 27517).....1972..	355.7	60	83	98	99+
	.....1967..	216.3	63	88	98	99+
	.....1963..	158.9	64	86	96	99
	.....1958..	126.1	62	86	99	(NA)
27542	Labels, wrappers and wrap printing, gravure ⁷⁴.....1972..	189.9	50	71	91	99+
27543	Advertising printing, gravure ⁷⁴.....1972..	100.9	68	81	94	99+
27544	Other commercial printing, gravure ⁷⁴.....1972..	46.8	71	84	96	100
27545	Gravure plates and cylinders ⁷⁴.....1972..	33.7	50	71	94	100
27540	Commercial printing, gravure, n.s.k.....1972..	32.1	(X)	(X)	(X)	(X)
	1967 product class 27518, Other gravure printing ⁷⁴.....1967..	214.1	34	50	73	92
	.....1963..	145.9	26	43	65	86
	.....1958..	119.3	37	51	70	(NA)
2761-	Manifold business forms.....1972..	1,381.9	43	51	63	75
	.....1967..	895.8	45	54	66	78
	.....1963..	598.4	46	52	65	76
	.....1958..	374.0	(⁷⁵)	(⁷⁵)	(⁷⁵)	(⁷⁵)
27612	Unit-set forms.....1972..	514.2	35	44	57	70
	.....1967..	347.4	35	46	59	74
	.....1963..	258.0	32	43	57	71
	.....1958..	159.6	38	46	58	73
27613	Sales and other manifold books.....1972..	51.5	55	71	89	95
	.....1967..	44.2	60	78	91	97
	.....1963..	39.6	58	76	91	98
	.....1958..	45.2	(⁷⁵)	(⁷⁵)	(⁷⁵)	(⁷⁵)
27615	Custom continuous forms with or without carbon, marginally punched or not marginally punched ⁷⁶.....1972..	553.6	52	61	75	88
27617	Stock continuous forms ⁷⁶.....1972..	204.9	66	75	86	96
	1967 product class 27611, Continuous business forms ⁷⁶.....1967..	480.2	57	67	78	90
	.....1963..	291.1	60	69	79	89
	.....1958..	169.2	67	74	84	92
27610	Manifold business forms, n.s.k.....1972..	57.8	(X)	(X)	(X)	(X)
	.....1967..	24.0	(X)	(X)	(X)	(X)
	.....1963..	9.8	(X)	(X)	(X)	(X)
2771-	Greeting card publishing.....1972..	574.6	64	74	84	93
	.....1967..	441.4	62	73	82	91
	.....1963..	310.2	53	67	79	90
	.....1958..	276.6	43	59	72	85
	.....1954..	217.5	37	51	66	(NA)
27711	Greeting cards, publishers' sales.....1972..	501.9	71	82	93	99
	.....1967..	381.4	70	82	91	99
	.....1963..	262.8	60	76	87	97
	.....1958..	234.0	48	64	79	93
	.....1954..	185.0	44	60	76	(NA)
27712	Greeting cards, printed for publication by others.....1972..	48.9	43	57	79	97
	.....1967..	44.0	29	45	73	95
	.....1963..	39.9	38	49	70	91
	.....1958..	37.9	40	53	70	87
	.....1954..	31.0	27	38	60	(NA)
27710	Greeting card publishing, n.s.k.....1972..	23.8	(X)	(X)	(X)	(X)
	.....1967..	16.0	(X)	(X)	(X)	(X)
	.....1963..	7.5	(X)	(X)	(X)	(X)
	.....1958..	4.7	(X)	(X)	(X)	(X)
2782-	Blankbooks and looseleaf binders.....1972..	566.2	37	48	60	75
	.....1967..	362.3	32	41	56	73
	.....1963..	252.0	31	40	52	70
	.....1958..	213.6	26	38	49	64
27821	Blankbook making.....1972..	320.1	51	60	77	91
	.....1967..	186.8	43	54	71	88
	.....1963..	124.3	38	46	61	82
	.....1958..	118.5	25	35	51	67

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 27.--PRINTING AND PUBLISHING--Continued				
2782-	Blankbooks and looseleaf binders--Continued					
27822	Looseleaf binders and devices.....1972..	209.9	34	46	64	82
	.....1967..	153.8	29	42	65	84
	.....1963..	119.6	31	45	67	85
	.....1958..	95.2	36	48	66	84
	.....1954..	70.5	27	42	63	(NA)
27820	Blankbooks and looseleaf binders, n.s.k.....1972..	36.2	(X)	(X)	(X)	(X)
	.....1967..	21.7	(X)	(X)	(X)	(X)
	.....1963..	8.1	(X)	(X)	(X)	(X)
2789-	Bookbinding and related work.....1972..	362.6	11	18	29	46
	.....1967..	337.5	12	19	31	47
	.....1963..	243.2	11	18	28	44
	.....1958..	191.0	10	15	26	42
27891	Edition, library, and other hard cover bookbinding.....1972..	142.0	26	38	59	82
	.....1967..	167.4	23	37	60	80
	.....1963..	109.3	25	37	58	78
	.....1958..	83.3	23	35	57	76
27892	Other book and pamphlet binding and related binding work.....1972..	164.8	15	23	37	58
	.....1967..	135.4	8	14	28	50
	.....1963..	117.6	9	15	26	43
	.....1958..	95.8	7	13	24	41
27890	Bookbinding and related work, n.s.k.....1972..	55.7	(X)	(X)	(X)	(X)
	.....1967..	34.7	(X)	(X)	(X)	(X)
	.....1963..	16.3	(X)	(X)	(X)	(X)
	.....1958..	11.9	(X)	(X)	(X)	(X)
27910	Typesetting.....1972..	508.7	5	9	16	29
	.....1967..	362.1	6	9	17	29
	.....1963..	249.6	5	9	16	29
	.....1958..	175.5	4	8	16	30
	.....1954..	132.1	4	8	16	(NA)
27930	Photoengraving plates made for others.....1972..	221.1	9	15	26	43
	.....1967..	237.1	8	14	24	39
	.....1963..	214.7	8	13	22	36
	.....1958..	208.5	7	12	23	35
	.....1954..	176.1	6	10	19	(NA)
27940	Electrotyping and stereotyping duplicate plates made for others.....1972..	35.5	33	45	66	90
	.....1967..	61.4	29	40	58	81
	.....1963..	71.9	28	36	53	75
	.....1958..	81.5	26	32	45	65
	.....1954..	84.4	21	29	43	(NA)
2795-	Lithographic platemaking services (1967 product class 27527) ⁷⁷.....1972..	263.0	17	24	35	52
	.....1967..	151.2	34	43	57	74
	.....1963..	129.5	26	31	42	57
	.....1958..	68.0	11	18	29	47
27951	Lithographic plates ⁷⁷.....1972..	112.4	33	43	59	75
27952	Lithographic services ⁷⁷.....1972..	131.6	13	19	33	56
27950	Lithographic platemaking services, n.s.k. ⁷⁷.....1972..	19.0	(X)	(X)	(X)	(X)
		MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS				
2812-	Alkalies and chlorine.....1972..	805.7	54	79	97	99+
	.....1967..	623.0	53	81	96	100
	.....1963..	526.5	56	84	98	100
	.....1958..	425.4	61	88	99	100
	.....1954..	362.7	63	88	99	(NA)
28121	Chlorine compressed or liquefied.....1972..	210.2	46	73	97	100
	.....1967..	190.8	52	79	99	100
	.....1963..	164.0	51	79	99	100
	.....1958..	117.4	52	82	99	100
	.....1954..	87.2	54	82	99	(NA)
28122	Sodium carbonate (soda ash).....1972..	147.6	(D)	99+	100	(X)
	.....1967..	140.9	(D)	(D)	100	(X)
	.....1963..	123.6	(D)	100	(X)	(X)
	.....1958..	113.3	(D)	100	(X)	(X)
	.....1954..	109.1	(D)	100	(X)	(X)
28123	Sodium hydroxide (caustic soda).....1972..	410.9	55	78	98	100
	.....1967..	254.9	51	81	99	100
	.....1963..	209.7	51	81	99	100
	.....1958..	177.3	55	85	(D)	100
	.....1954..	148.8	57	87	99	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS--Continued				
2812-	Alkalies and chlorine--Continued					
28124	Other alkalies.....1972..	33.7	71	96	100	(X)
	.....1967..	35.2	70	90	100	(X)
	.....1963..	27.6	70	(D)	100	(X)
	.....1958..	17.5	77	96	100	(X)
	.....1954..	17.6	86	99	100	(X)
28120	Alkalies and chlorine, n.s.k.....1972..	3.3	(X)	(X)	(X)	(X)
	.....1967..	1.3	(X)	(X)	(X)	(X)
	.....1963..	1.5	(X)	(X)	(X)	(X)
2813-	Industrial gases.....1972..	659.1	67	80	92	97
	.....1967..	543.4	65	79	90	96
	.....1963..	389.6	71	83	92	97
	.....1958..	262.6	78	84	91	96
	.....1954..	195.4	77	83	90	(NA)
28132	Acetylene.....1972..	96.0	77	89	98	100
	.....1967..	83.2	80	89	96	100
	.....1963..	93.5	87	92	97	99+
	.....1958..	89.4	(D)	93	97	99
	.....1954..	64.6	90	93	97	(NA)
28133	Carbon dioxide.....1972..	45.7	75	86	98	100
	.....1967..	48.0	73	86	96	100
	.....1963..	49.9	78	89	98	100
	.....1958..	43.0	80	89	98	100
	.....1954..	43.4	80	90	99	(NA)
28134	Elemental gases and compressed and liquefied gases, n.e.c.....1972..	487.2	70	85	97	99+
	.....1967..	390.8	69	82	96	99+
	.....1963..	244.6	73	83	94	99
	.....1958..	130.2	73	82	90	97
28130	Industrial gases, n.s.k.....1972..	30.3	(X)	(X)	(X)	(X)
	.....1967..	21.4	(X)	(X)	(X)	(X)
	.....1963..	1.7	(X)	(X)	(X)	(X)
2816-	Inorganic pigments.....1972..	757.5	52	71	89	97
	.....1967..	560.8	58	74	92	99
	.....1963..	480.4	66	79	93	99
	.....1958..	412.0	67	80	93	99
28161	Titanium pigments.....1972..	355.6	80	99+	100	(X)
	.....1967..	298.4	88	99+	100	(X)
	.....1963..	277.3	(D)	100	(X)	(X)
	.....1958..	231.9	(D)	100	(X)	(X)
28162	Other white opaque pigments.....1972..	100.0	69	90	99+	100
	.....1967..	65.4	65	91	100	(X)
	.....1963..	50.4	64	90	(D)	100
	.....1958..	54.4	64	88	99	100
28163	Chrome colors and other inorganic pigments.....1972..	283.2	47	64	87	99+
	.....1967..	189.3	49	68	91	99+
	.....1963..	151.8	45	62	85	98
	.....1958..	125.1	47	64	86	98
28160	Inorganic pigments, n.s.k.....1972..	18.8	(X)	(X)	(X)	(X)
	.....1967..	7.6	(X)	(X)	(X)	(X)
	.....1963..	0.9	(X)	(X)	(X)	(X)
	.....1958..	0.6	(X)	(X)	(X)	(X)
2819-	Industrial inorganic chemicals, n.e.c. ⁷⁸.....1972..	2,989.1	27	46	70	86
28193	Sulfuric acid.....1972..	245.4	55	73	90	99+
	.....1967..	250.6	54	72	88	99+
	.....1963..	193.9	60	75	90	99+
	.....1958..	169.9	58	76	90	99
	.....1954..	161.2	(D)	78	92	(NA)
28194	Inorganic acids, except nitric, sulfuric, and phosphoric ⁷⁹.....1972..	160.5	56	71	93	99+
28195	Aluminum oxide.....1972..	388.6	99	99+	100	(X)
	.....1967..	⁸⁰ 529.6	85	95	99	(X)
	.....1963..	⁸⁰ 422.4	85	95	99	(X)
	.....1958..	⁸⁰ 284.6	88	96	99	(X)
	.....1954..	⁸⁰ 234.8	89	96	99	(X)
28196	Other aluminum compounds ⁸⁰.....1972..	175.5	71	92	100	(X)
28197	Potassium and sodium compounds (except bleaches, alkalies, and alums).....1972..	503.1	51	73	90	99+
	.....1967..	455.7	46	66	86	99+
	.....1963..	513.3	43	67	94	99+

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS--Continued				
2819-	Industrial inorganic chemicals, n.e.c.--Continued					
28198	Chemical catalytic preparations.....1972..	172.8	38	63	93	100
	1967..	123.1	46	72	96	100
	1963..	75.2	50	70	97	100
	1958..	56.2	61	78	99	100
28199	Other inorganic chemicals, n.e.c. ⁸¹.....1972..	1,320.8	27	43	66	88
	1967..	1,035.5	29	44	70	90
	1963..	825.8	29	44	68	88
28190	Industrial inorganic chemicals, n.s.k.....1972..	22.5	(X)	(X)	(X)	(X)
	1967..	38.9	(X)	(X)	(X)	(X)
	1963..	11.1	(X)	(X)	(X)	(X)
2821-	Plastics materials and resins ⁸².....1972..	4,484.3	25	38	62	87
28213	Thermoplastic resins and plastics materials ⁸³.....1972..	3,571.4	29	44	70	92
	1967..	1,924.8	36	52	80	97
	1963..	1,302.0	43	59	83	98
28214	Thermosetting resins and plastics materials ⁸³.....1972..	905.0	29	46	74	93
	1967..	544.8	29	48	74	94
	1963..	420.0	41	60	80	96
	Synthetic resins for protective coatings (1967 product class 28216) ⁸³.....1967..	286.6	50	64	83	98
	1963..	272.2	53	69	84	100
28210	Plastics materials and resins, n.s.k.....1972..	7.9	(X)	(X)	(X)	(X)
	1967..	39.4	(X)	(X)	(X)	(X)
	1963..	8.7	(X)	(X)	(X)	(X)
	1958..	1.4	(X)	(X)	(X)	(X)
28220	Synthetic rubber (vulcanizable elastomers).....1972..	1,288.6	54	73	95	99+
	1967..	1,004.9	49	70	98	100
	1963..	862.3	52	73	99	100
	1958..	603.9	54	75	(D)	100
	1954..	392.2	52	79	100	(X)
2823-	Cellulosic manmade fibers.....1972..	684.7	84	99+	100	(X)
	1967..	681.1	79	99	100	(X)
	1963..	648.9	79	(D)	100	(X)
	1958..	582.9	71	(D)	(D)	(X)
28231	Acetate yarn.....1972..	295.3	100	(X)	(X)	(X)
	1967..	339.7	(D)	100	(X)	(X)
	1963..	250.3	100	(X)	(X)	(X)
	1958..	210.7	100	(X)	(X)	(X)
	1954..	196.0	100	(X)	(X)	(X)
28232	Rayon yarn, viscose and cuprammonium processes.....1972..	387.8	(D)	100	(X)	(X)
	1967..	340.5	89	100	(X)	(X)
	1963..	398.6	85	(D)	100	(X)
	1958..	372.3	78	(D)	100	(X)
	1954..	444.8	79	(D)	100	(X)
28230	Cellulosic manmade fibers, n.s.k.....1972..	1.5	(X)	(X)	(X)	(X)
	1967..	0.9	(X)	(X)	(X)	(X)
2824-	Organic fibers, noncellulosic.....1972..	2,949.1	73	87	98	100
	1967..	1,974.1	82	93	99+	100
	1963..	1,368.9	(D)	96	99+	100
	1958..	748.3	(D)	(D)	100	(X)
	1954..	561.6	(D)	(D)	100	(X)
28241	Polyamide fibers, nylon, except nontextile monofilament.....1972..	1,251.8	80	95	100	(X)
	1967..	1,068.4	91	99	100	(X)
	1963..	896.1	(D)	(D)	100	(X)
28242	Other noncellulosic synthetic organic fibers.....1972..	1,694.1	76	89	99	100
	1967..	905.3	83	94	(D)	100
	1963..	472.7	86	95	99+	100
28240	Organic fibers, noncellulosic, n.s.k.....1972..	3.2	(X)	(X)	(X)	(X)
	1967..	0.4	(X)	(X)	(X)	(X)
2831-	Biological products.....1972..	495.2	32	54	82	96
	1967..	220.6	33	53	85	97
	1963..	167.3	37	58	87	97
	1958..	119.5	46	66	85	96
	1954..	79.9	37	52	79	(NA)
28311	Blood and blood derivatives, for human use ¹⁶.....1972..	126.0	67	92	(D)	100
	1967..	35.9	74	91	100	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS--Continued				
2831-	Biological products--Continued					
28312	Vaccines and antigens, for human use ¹⁶	1972.. 70.5	84	98	100	(X)
		1967.. 36.6	66	92	100	(X)
28313	Antitoxins, toxoids, and toxins for immunization, and therapeutic immune serums, for human use ¹⁶	1972.. 18.3	69	98	100	99+
		1967.. 12.7	82	99	100	(X)
28314	Diagnostic substances and other biologics, for human use ¹⁶	1972.. 192.5	54	75	94	99+
		1967.. 81.9	58	84	98	100
28315	Biological preparations for veterinary use.....	1972.. 74.0	44	71	96	100
		1967.. 47.9	37	58	91	100
		1963.. 40.7	43	63	90	99+
		1958.. 35.5	48	64	88	99
28310	Biological products, n.s.k.....	1972.. 13.8	(X)	(X)	(X)	(X)
		1967.. 5.7	(X)	(X)	(X)	(X)
		1963.. 1.3	(X)	(X)	(X)	(X)
		1958.. 0.9	(X)	(X)	(X)	(X)
2833-	Medicinals and botanicals.....	1972.. 795.7	49	62	82	95
		1967.. 593.8	52	66	82	94
		1963.. 434.0	51	64	82	94
		1958.. 391.1	53	64	82	93
		1954.. 282.1	51	66	82	(NA)
28331	Synthetic organic medicinal chemicals, in bulk.....	1972.. 635.6	57	73	90	99
		1967.. 503.7	61	74	89	99
		1963.. 367.8	59	72	89	98
28332	Other medicinal chemicals and botanical products, in bulk, n.e.c.....	1972.. 146.1	46	70	90	99+
		1967.. 80.1	41	60	84	98
		1963.. 64.7	31	50	85	98
28330	Medicinals and botanicals, n.s.k.....	1972.. 13.9	(X)	(X)	(X)	(X)
		1967.. 10.0	(X)	(X)	(X)	(X)
		1963.. 1.5	(X)	(X)	(X)	(X)
		1958.. 2.9	(X)	(X)	(X)	(X)
2834-	Pharmaceutical preparations.....	1972.. 6,295.7	25	43	73	89
		1967.. 4,139.7	24	40	70	89
		1963.. 3,000.2	22	37	71	88
		1958.. 2,344.6	25	43	71	86
		1954.. 1,584.7	25	43	66	(NA)
28341	Pharmaceutical preparations affecting neoplasms, endocrine systems and metabolic diseases, for human use ⁸⁴	1972.. 615.4	48	70	95	99+
		1967.. 420.2	49	70	93	99
		1963.. 259.1	53	74	92	98
28342	Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use ⁸⁴	1972.. 1,634.4	43	63	88	98
		1967.. 1,137.1	39	64	84	97
		1963.. 755.8	44	65	83	96
28343	Pharmaceutical preparations acting on the cardiovascular system, for human use ⁸⁴	1972.. 382.7	57	76	92	99
		1967.. 207.5	46	64	87	98
		1963.. 143.6	52	67	86	97
28344	Pharmaceutical preparations acting on the respiratory system, for human use ⁸⁴	1972.. 579.2	48	70	90	98
		1967.. 361.4	41	62	87	96
		1963.. 283.1	39	58	80	94
28345	Pharmaceutical preparations acting on the digestive or the genito-urinary systems, for human use ⁸⁴	1972.. 763.8	35	53	80	96
		1967.. 552.1	29	48	74	95
		1963.. 402.8	30	50	72	92
28346	Pharmaceutical preparations acting on the skin, for human use ⁸⁴	1972.. 348.3	35	56	77	93
		1967.. 229.1	35	51	76	93
		1963.. 160.3	33	47	70	89
28347	Vitamin, nutrient, and hematinic preparations, for human use ⁸⁴	1972.. 699.2	27	44	69	90
		1967.. 378.4	31	50	74	91
		1963.. 340.8	28	49	74	89

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS--Continued				
2834-	Pharmaceutical preparations--Continued					
28348	Pharmaceutical preparations affecting parasitic and infective diseases, for human use ⁸⁴.....1972..	945.8	45	67	93	99
	1967..	664.5	41	67	94	99
	1963..	520.1	47	72	95	99
28349	Pharmaceutical preparations for veterinary use.....1972..	240.3	39	55	84	99
	1967..	135.4	34	54	82	98
	1963..	110.4	37	56	79	94
	1958..	87.7	45	63	82	96
28340	Pharmaceutical preparations, n.s.k.....1972..	86.4	(X)	(X)	(X)	(X)
	1967..	54.1	(X)	(X)	(X)	(X)
	1963..	24.3	(X)	(X)	(X)	(X)
	1958..	49.7	(X)	(X)	(X)	(X)
2841-	Soap and other detergents.....1972..	2,861.6	62	70	79	87
	1967..	2,200.8	64	73	82	88
	1963..	1,780.7	68	76	83	90
	1958..	1,463.8	68	75	85	91
28411	Soap and detergents, nonhousehold ⁸⁵.....1972..	649.0	31	44	63	79
28412	Household detergents ⁸⁵.....1972..	1,646.0	84	90	97	99+
28413	Soaps, except specialty cleaners, household.....1972..	412.0	72	87	96	99
	1967..	332.0	77	90	96	99
	1963..	296.3	79	91	96	99
28414	Glycerine, natural.....1972..	50.4	75	92	99+	100
	1967..	48.1	71	88	99	100
	1963..	38.5	68	88	98	100
	1958..	⁸⁶ 70.4	70	89	98	(D)
	1954..	⁸⁶ 75.8	71	87	97	(NA)
28410	Soap and other detergents, n.s.k.....1972..	104.2	(X)	(X)	(X)	(X)
	1967..	73.2	(X)	(X)	(X)	(X)
	1963..	17.6	(X)	(X)	(X)	(X)
	1958..	6.8	(X)	(X)	(X)	(X)
2842-	Polishes and sanitation goods ⁸⁷.....1972..	1,714.5	35	47	58	72
28422	Household bleaches ⁸⁸.....1972..	211.0	75	82	92	99+
28423	Specialty cleaning and sanitation products.....1972..	904.5	36	55	69	86
	1967..	528.0	32	49	67	84
	1963..	331.7	32	46	60	76
	1958..	181.5	29	40	58	73
28424	Polishing preparations and related products.....1972..	390.0	47	59	76	88
	1967..	324.5	47	59	74	87
	1963..	278.8	49	57	69	82
	1958..	240.3	44	51	63	78
	1954..	225.6	37	47	62	(NA)
28420	Polishes and sanitation goods, n.s.k.....1972..	209.0	(X)	(X)	(X)	(X)
	1967..	94.9	(X)	(X)	(X)	(X)
	1963..	26.5	(X)	(X)	(X)	(X)
	1958..	28.6	(X)	(X)	(X)	(X)
28430	Surface active and finishing agents.....1972..	580.6	19	33	56	80
	1967..	403.2	20	35	54	76
	1963..	283.6	25	40	59	80
	1958..	209.8	26	42	63	83
2844-	Toilet preparations.....1972..	4,244.5	37	50	73	88
	1967..	2,794.2	36	50	68	86
	1963..	1,858.6	33	50	70	87
	1958..	1,126.0	29	43	67	84
28441	Shaving preparations.....1972..	250.4	57	77	96	99+
	1967..	178.7	46	71	93	99
	1963..	111.1	45	73	94	99
	1958..	74.9	58	80	96	99
28442	Perfumes, toilet water, and colognes.....1972..	674.6	48	61	85	97
	1967..	394.9	48	62	83	96
	1963..	208.6	44	58	80	93
	1958..	103.4	34	50	77	92
	1954..	77.0	38	56	79	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS--Continued				
2844-	Toilet preparations--Continued					
28443	Hair preparations (including shampoos).....1972..	1,065.0	46	63	86	96±
	.....1967..	771.6	48	66	87	97
	.....1963..	592.7	42	62	83	95
	.....1958..	315.8	39	57	79	92
	.....1954..	220.4	51	65	80	(NA)
28444	Dentifrices, including mouthwashes, gargles, and rinses.....1972..	484.6	79	95	99	99+
	.....1967..	323.1	75	90	98	99+
	.....1963..	228.4	83	94	99	99+
	.....1958..	197.8	75	93	98	99
	.....1954..	130.8	78	89	97	(NA)
28445	Other cosmetics and toilet preparations.....1972..	1,674.0	45	61	82	96
	.....1967..	1,045.7	41	55	78	94
	.....1963..	698.2	42	55	77	92
	.....1958..	418.4	36	53	77	92
28440	Toilet preparations, n.s.k.....1972..	96.0	(X)	(X)	(X)	(X)
	.....1967..	80.2	(X)	(X)	(X)	(X)
	.....1963..	19.6	(X)	(X)	(X)	(X)
	.....1958..	15.6	(X)	(X)	(X)	(X)
2851-	Paints and allied products ⁵.....1972..	3,505.8	22	33	49	64
	.....1967..	2,703.8	23	35	46	59
	.....1963..	2,298.3	24	34	47	58
	.....1958..	1,753.9	25	34	47	58
	.....1954..	1,152.0	27	37	50	(NA)
28511	Exterior oil-type trade sales paint products.....1972..	469.8	25	37	55	74
	.....1967..	329.7	22	33	50	68
	.....1963..	394.2	26	38	56	69
28512	Exterior water-type trade sales paint products, including tinting bases.....1972..	222.1	35	49	69	83
	.....1967..	129.5	40	55	71	85
	.....1963..	82.3	26	37	58	77
28513	Interior oil-type trade sales paint products.....1972..	323.1	29	41	62	79
	.....1967..	268.2	25	36	56	73
	.....1963..	290.6	21	33	53	69
28514	Interior water-type trade sales paint products, including tinting bases.....1972..	432.5	36	51	68	83
	.....1967..	291.9	39	51	66	81
	.....1963..	250.7	34	48	64	77
28515	Trade sales lacquers.....1972..	76.3	70	78	92	99+
	.....1967..	43.6	72	82	93	99
	.....1963..	43.8	66	77	88	97
28516	Industrial product finishes, except lacquers.....1972..	932.2	26	43	64	81
	.....1967..	718.5	28	45	61	77
	.....1963..	624.9	27	43	58	72
28517	Industrial lacquers, including acrylics.....1972..	236.8	42	59	75	89
	.....1967..	181.3	45	61	76	87
	.....1963..	184.2	40	54	68	82
28518	Putty and allied products ^{8a}.....1972..	136.4	50	59	77	93
28519	Miscellaneous paint products.....1972..	351.5	35	48	68	86
	.....1967..	235.6	38	48	66	82
	.....1963..	190.2	32	42	59	76
28510	Paints and allied products, n.s.k.....1972..	325.1	(X)	(X)	(X)	(X)
	.....1967..	338.9	(X)	(X)	(X)	(X)
	.....1963..	109.1	(X)	(X)	(X)	(X)
2861-	Gum and wood chemicals.....1972..	300.0	49	64	78	92
	.....1967..	205.1	51	63	76	89
	.....1963..	197.0	44	54	69	86
	.....1958..	151.2	(NA)	(NA)	(NA)	(NA)
28611	Softwood distillation products.....1972..	94.0	90	97	100	(X)
	.....1967..	81.4	85	93	100	(X)
	.....1963..	82.4	(D)	91	99	100
	.....1958..	79.7	80	92	98	99
	.....1954..	61.8	83	94	99	(NA)
28612	Other gum and wood chemicals.....1972..	196.3	36	54	76	95
	.....1967..	111.6	36	50	69	70
	.....1963..	111.4	25	38	60	85
	.....1958..	71.5	27	41	67	88

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 28.—CHEMICALS AND ALLIED PRODUCTS--Continued				
2861-	Gum and wood chemicals--Continued					
28610	Gum and wood chemicals, n.s.k.....1972..	9.7	(X)	(X)	(X)	(X)
	.....1967..	12.2	(X)	(X)	(X)	(X)
	.....1963..	3.2	(X)	(X)	(X)	(X)
2865-	Cyclic crudes and intermediates (1967 industry 2815).....1972..	2,349.1	35	51	74	93
	.....1967..	1,654.2	40	54	74	93
	.....1963..	1,195.2	44	61	(NA)	(NA)
28651	Cyclic intermediates (1967 product class 28151).....1972..	1,554.2	43	62	84	97
	.....1967..	1,066.1	47	63	83	97
	.....1963..	758.6	53	68	87	98
	.....1958..	531.5	52	72	90	99
	.....1954..	466.6	55	81	94	(NA)
28652	Synthetic organic dyes (1967 product class 28152).....1972..	474.1	45	66	92	100
	.....1967..	325.6	45	68	94	100
	.....1963..	243.1	48	69	92	99+
	.....1958..	175.5	56	75	92	(D)
	.....1954..	156.3	64	80	94	(D)
28653	Synthetic organic pigments, lakes, and toners (1967 product class 28153).....1972..	224.7	51	73	95	100
	.....1967..	162.2	49	74	97	100
	.....1963..	111.7	51	73	94	100
	.....1958..	80.2	50	74	96	100
	.....1954..	68.4	53	76	95	(NA)
28655	Cyclic (coal tar) crudes (1967 product class 28155).....1972..	⁹⁰ 81.0	92	99	100	(X)
	.....1967..	⁹⁰ 87.6	95	99	100	(X)
	.....1963..	⁹⁰ 79.3	95	99	100	(X)
	.....1958..	⁹⁰ 105.3	89	96	(D)	100
	.....1954..	⁹⁰ 87.4	89	95	99	(NA)
28650	Cyclic crudes and intermediates, n.s.k. (1967 product class 28150).....1972..	15.1	(X)	(X)	(X)	(X)
	.....1967..	12.7	(X)	(X)	(X)	(X)
	.....1963..	2.5	(X)	(X)	(X)	(X)
	.....1958..	1.2	(X)	(X)	(X)	(X)
2869-	Industrial organic chemicals, n.e.c. (1967 industry 2818) ⁵.....1972..	7,468.8	37	52	70	87
	.....1967..	5,539.4	39	54	71	87
	.....1963..	4,200.6	42	55	74	89
	.....1958..	2,787.3	47	61	80	91
28691	Miscellaneous cyclic chemical products (1967 product class 28181).....1972..	468.1	33	48	75	96
	.....1967..	315.1	31	45	70	94
	.....1963..	200.5	29	34	71	94
	.....1958..	143.3	39	60	85	99
	.....1954..	86.0	44	66	88	(NA)
28692	Miscellaneous acyclic chemicals and chemical products excluding urea (1967 product class 28182) ⁹¹.....1972..	5,446.6	43	58	79	94
	.....1967..	4,052.2	47	62	82	95
	.....1963..	3,153.9	51	65	84	96
	.....1958..	2,126.6	59	72	90	98
	.....1954..	1,569.2	64	77	92	(NA)
28693	Synthetic organic chemicals, n.e.c., except bulk surface active agents (1967 product class 28183).....1972..	712.6	38	54	78	96
	.....1967..	585.6	38	54	81	97
	.....1963..	418.9	34	51	78	96
	.....1958..	291.4	34	53	77	96
28694	Pesticides and other organic chemicals (not formulations) (1967 product class 28184).....1972..	495.1	57	79	97	100
	.....1967..	308.2	57	75	93	99+
	.....1963..	223.4	54	77	95	99+
	.....1958..	96.2	52	74	96	(D)
	.....1954..	96.9	43	70	94	(NA)
28695	Ethyl alcohol and other industrial organic chemicals, n.e.c. (1967 product class 28185).....1972..	⁹² 273.4	28	43	69	92
	.....1967..	⁹² 239.4	30	46	73	93
	.....1963..	⁹² 192.3	32	48	69	90
	.....1958..	⁹² 121.4	42	62	80	94
28690	Industrial organic chemicals, n.e.c., n.s.k. (1967 product class 28180).....1972..	73.0	(X)	(X)	(X)	(X)
	.....1967..	38.7	(X)	(X)	(X)	(X)
	.....1963..	11.6	(X)	(X)	(X)	(X)
	.....1958..	8.4	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS--Continued				
2873-	Nitrogenous fertilizers ⁹³.....1972..	928.2	26	43	71	96
28731	Synthetic ammonia, nitric acid, and ammonium compounds (1967 product class 28191).....1972..	759.5	26	43	71	97
	.....1967..	827.3	29	46	68	94
	.....1963..	587.8	38	55	80	99
28732	Urea ⁹⁴.....1972..	158.2	45	64	97	100
28733	Fertilizer materials of organic origin ⁹⁵.....1972..	(NA)	(NA)	(NA)	(NA)	(NA)
28730	Nitrogenous fertilizers, n.s.k.....1972..	(D)	(X)	(X)	(X)	(X)
2874-	Phosphatic fertilizers ⁹⁶.....1972..	1,051.4	26	45	80	99
28741	Phosphoric acid ⁹⁷.....1972..	177.5	53	80	99+	100
28742	Superphosphate and other phosphatic fertilizer materials (1967 product class 28711).....1972..	419.7	38	61	93	99+
	.....1967..	542.0	39	60	91	99+
	.....1963..	321.5	44	64	90	99
	.....1958..	153.6	47	68	92	99
	.....1954..	131.3	50	70	88	(NA)
28743	Mixed fertilizers, produced from one or more materials, made in same plant ⁹⁸.....1972..	443.0	42	62	91	100
	.....1967..	435.9	35	61	85	99
28740	Phosphatic fertilizers, n.s.k.....1972..	11.3	(X)	(X)	(X)	(X)
28752	Fertilizers, mixing only. (See product class 28743.) (1967 product class 28722).....1972..	652.6	24	37	57	73
	.....1967..	588.2	21	37	54	71
2879-	Agricultural chemicals, n.e.c. ⁹⁹.....1972..	1,195.9	34	51	73	85
	.....1967..	834.3	39	56	77	88
	.....1963..	488.7	27	47	67	85
	.....1958..	347.6	30	48	(¹⁰)	(¹⁰)
28791	Insecticidal preparations (formulations) primarily for agricultural, garden, and health service use ¹⁰⁰.....1972..	361.0	48	67	87	98
28792	Herbicidal preparations (formulations) primarily for agricultural, garden, and health service use ¹⁰⁰.....1972..	432.0	77	89	98	99+
28793	Agricultural chemicals, n.e.c. ¹⁰⁰.....1972..	85.6	49	67	89	99
28794	Household insecticides and repellants, including industrial exterminants (1967 product class 28421).....1972..	183.8	52	70	85	97
	.....1967..	129.9	45	60	80	94
	.....1963..	110.8	36	55	72	87
	.....1958..	85.9	28	41	61	81
	.....1954..	60.6	31	42	62	(NA)
28790	Agricultural chemicals, n.e.c., n.s.k.....1972..	133.5	(X)	(X)	(X)	(X)
2891-	Adhesives and sealants ¹⁰¹.....1972..	956.9	16	27	45	68
28913	Natural base glues and adhesives ¹⁰².....1972..	118.6	38	55	81	99
28914	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives ¹⁰³.....1972..	675.1	20	32	50	76
28915	Caulking compounds and sealants ¹⁰⁴.....1972..	122.9	51	69	88	99
28910	Adhesives and sealants, n.s.k.....1972..	40.3	(X)	(X)	(X)	(X)
28921	Explosives.....1972..	240.0	69	84	98	100
	.....1967..	248.5	69	86	98	100
	.....1963..	181.0	70	87	99	100
	.....1958..	169.7	73	90	98	100
	.....1954..	183.7	79	89	99	(NA)
2893-	Printing ink.....1972..	498.0	37	52	72	87
	.....1967..	342.6	46	60	75	88
	.....1963..	258.2	45	58	74	87
	.....1958..	211.5	53	64	76	89
	.....1954..	172.4	51	61	74	(NA)
28931	Letterpress inks (black and color) ¹⁰⁵.....1972..	109.7	42	71	88	98
28932	Lithographic and offset inks (black and color) ¹⁰⁵.....1972..	151.7	39	55	80	96
28933	Gravure inks ¹⁰⁵.....1972..	82.1	60	86	99	100
28934	Flexographic inks ¹⁰⁵.....1972..	73.4	63	79	96	100
28935	Printing inks, n.e.c. ¹⁰⁵.....1972..	35.3	47	68	93	100
28930	Printing inks, n.s.k. ¹⁰⁵.....1972..	45.9	(X)	(X)	(X)	(X)
28950	Carbon black (channel and furnace process only).....1972..	227.1	74	99	100	(X)
	.....1967..	167.8	72	(D)	100	(X)
	.....1963..	149.4	72	(D)	100	(X)
	.....1958..	118.9	75	100	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²					
		Total (million dollars)	Percent accounted for by ³ —				
			4 largest companies	8 largest companies	20 largest companies	50 largest companies	
		MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS--Continued					
2899-	Chemical preparations, n.e.c. ¹⁰⁶.....1972..	2,199.5	12	21	35	53	
		1967..	1,431.7	15	22	36	55
		1963..	998.6	14	22	35	54
		1958..	738.1	19	26	(¹²)	(¹²)
28991	Salt.....1972..	129.8	70	89	100	(X)	
		1967..	111.6	75	90	(D)	100
		1963..	98.4	77	89	99	100
		1958..	86.5	81	91	99	100
28992	Fatty acids.....1972..	155.3	50	73	98	100	
		1967..	111.2	45	68	97	100
		1963..	88.1	49	70	98	100
		1958..	67.6	46	68	99	100
28994	Gelatin, except ready-to-eat desserts (1967 product class 28912).....1972..	68.2	76	95	100	(X)	
		1967..	66.2	71	91	100	(X)
		1963..	55.4	62	84	99+	100
		1958..	52.0	66	86	99	100
28995	Essential oils, fireworks, and pyrotechnics, sizes, and chemical preparations, n.e.c. ¹⁰⁷.....1972..	1,612.4	16	26	42	62	
		1967..	1,084.3	18	25	42	62
		1963..	770.9	16	24	38	56
		1958..	557.2	20	28	(¹²)	(¹²)
28990	Chemical preparations, n.e.c., n.s.k.....1972..	233.8	(X)	(X)	(X)	(X)	
		1967..	124.5	(X)	(X)	(X)	(X)
		1963..	41.2	(X)	(X)	(X)	(X)
		1958..	26.8	(X)	(X)	(X)	(X)
		MAJOR GROUP 29.--PETROLEUM AND COAL PRODUCTS					
2911-	Petroleum refinery products.....1972..	24,772.8	31	56	84	96	
		1967..	19,248.5	32	57	84	96
		1963..	15,557.7	32	55	81	95
		1958..	13,889.4	31	54	81	93
29111	Gasoline ¹⁶.....1972..	13,029.6	31	55	86	98	
		1967..	9,844.2	33	58	87	98
29112	Jet fuel ¹⁶.....1972..	1,371.6	52	74	92	99	
		1967..	1,100.4	45	63	86	98
29113	Kerosene ¹⁶.....1972..	372.4	43	64	93	99+	
		1967..	430.5	34	54	89	99+
29114	Distillate fuel oil.....1972..	4,407.7	33	58	87	98	
		1967..	3,305.7	34	58	85	98
		1963..	2,896.3	36	59	83	96
		1958..	2,490.9	35	59	83	96
29115	Residual fuel oil.....1972..	2,064.3	36	59	85	(NA)	
		1,107.2	41	60	83	96	
		1967..	566.1	38	61	83	96
		1963..	621.8	35	55	82	96
29116	Liquefied refinery gases (feed stock and other uses) ¹⁶.....1972..	817.2	32	56	83	94	
		1967..	787.8	34	57	84	(NA)
		1,152.9	38	57	89	99+	
		1,135.7	39	59	86	99+	
29117	Lubricating oils and greases, made in refineries. (See also code 29920.) ¹⁶.....1972..	4894.8	39	64	98	100	
		1967..	4883.6	43	65	96	99+
29118	Unfinished oils and lubricating oil base stock.....1972..	733.7	55	79	98	100	
		1967..	613.2	56	76	96	99+
		1963..	526.2	51	78	94	99+
		1958..	440.9	46	74	94	99
29119	Asphalt.....1972..	294.9	39	69	93	(NA)	
		671.5	43	62	84	98	
		1967..	424.2	41	58	82	98
		1963..	360.5	43	58	81	98
29110	Other finished petroleum products, including waxes.....1972..	284.6	39	56	77	96	
		1967..	221.7	45	63	83	(NA)
		1,031.4	28	48	79	96	
		1967..	944.9	36	52	77	96
29510	Paving mixtures and blocks.....1972..	893.4	14	21	34	50	
		1967..	529.6	14	21	34	50
		1963..	402.9	14	20	32	46
		1958..	265.9	10	16	29	47
29510	Paving mixtures and blocks.....1972..	120.7	14	23	37	(NA)	
		1967..	529.6	14	21	34	50

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 29.--PETROLEUM AND COAL PRODUCTS--Continued				
2952-	Asphalt felts and coatings.....1972..	901.2	48	73	86	96
	1967..	519.4	37	63	82	95
	1963..	459.5	35	62	81	93
	1958..	408.1	35	60	82	95
	1954..	388.2	39	65	85	(NA)
29521	Asphalt and tar saturated felts and boards for nonbuilding use.....1972..	33.2	68	86	100	(X)
	1967..	27.5	60	83	(D)	100
	1963..	21.1	48	75	95	100
	1958..	21.5	49	66	93	100
29522	Roofing asphalts and pitches, coatings, and cements.....1972..	155.3	51	67	85	98
	1967..	101.4	45	60	82	98
	1963..	94.4	45	58	81	97
	1958..	67.9	42	55	78	96
	1954..	41.9	34	51	75	(NA)
29523	Asphalt and tar roofing and siding products.....1972..	690.6	57	83	97	100
	1967..	375.2	49	78	95	100
	1963..	338.6	45	74	92	99+
	1958..	313.6	43	71	91	99
29520	Asphalt felts and coatings, n.s.k.....1972..	22.1	(X)	(X)	(X)	(X)
	1967..	15.3	(X)	(X)	(X)	(X)
	1963..	5.4	(X)	(X)	(X)	(X)
	1958..	5.1	(X)	(X)	(X)	(X)
29920	Lubricating oils and greases, made from purchased materials. (See also product class 29117.).....1972..	642.0	30	42	57	73
	1967..	443.4	37	49	67	82
	1963..	425.6	36	46	63	78
	1958..	244.5	27	39	59	77
29990	Petroleum and coal products, n.e.c.....1972..	140.8	67	83	93	100
	1967..	79.6	76	85	96	100
	1963..	69.3	65	78	93	99+
	1958..	67.0	(X)	(X)	(X)	(X)
		MAJOR GROUP 30.--RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS				
3011-	Tires and inner tubes.....1972..	4,891.4	73	89	97	99+
	1967..	3,133.5	71	88	97	99
	1963..	2,419.8	72	88	97	99
	1958..	2,145.3	71	86	97	99
30111	Passenger car and motorcycle pneumatic tires (casings).....1972..	2,860.0	77	93	100	(X)
	1967..	1,713.6	75	93	100	(X)
	1963..	1,285.9	75	93	100	(X)
	1958..	1,076.8	74	90	100	(X)
30112	Trucks and bus (and off-the-highway) pneumatic tires.....1972..	1,282.1	80	95	100	(X)
	1967..	829.4	75	93	100	(X)
	1963..	659.5	75	93	100	(X)
	1958..	602.0	72	90	100	(X)
30113	Other pneumatic tires and solid tires.....1972..	381.1	70	87	98	100
	1967..	274.5	72	87	98	100
	1963..	186.8	75	88	98	100
	1958..	185.5	78	92	99	100
30114	All inner tubes.....1972..	146.9	63	87	100	(X)
	1967..	112.9	64	90	100	(X)
	1963..	95.1	66	89	100	(X)
	1958..	100.2	64	83	100	(X)
30115	Tread rubber, tire sundries, and repair materials.....1972..	217.1	47	62	86	99+
	1967..	198.3	43	62	86	99+
	1963..	192.5	47	63	83	97
	1958..	180.9	47	62	82	98
	1954..	108.0	46	62	81	(NA)
30110	Tires and inner tubes, n.s.k. ¹⁶.....1972..	4.2	(X)	(X)	(X)	(X)
	1967..	4.9	(X)	(X)	(X)	(X)
3021-	Rubber and plastics footwear ^{10s}.....1972..	496.5	56	68	85	99
30211	Rubber and plastics protective footwear ^{10s}.....1972..	80.1	50	76	98	100
30212	Rubber and plastics shoes, slippers, other footwear, n.e.c. ^{10s}.....1972..	406.2	64	74	91	100
30210	Rubber and plastics footwear, n.s.k.....1972..	10.2	(X)	(X)	(X)	(X)
30310	Reclaimed rubber.....1972..	47.7	74	72	99	100
	1967..	47.3	73	97	99	100
	1963..	55.2	73	97	99+	100
	1958..	47.6	66	90	(D)	100
	1954..	44.5	66	90	99	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 30.--RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS--Con.				
3041-	Rubber and plastics hose and belting ¹⁰⁹.....1972..	899.5	48	68	86	97
30411	Rubber and plastics belt and belting, flat ¹⁰⁹.....1972..	159.6	54	73	93	100
30412	Rubber and plastics belt and belting, other than flat ¹⁰⁹.....1972..	204.0	86	96	100	(X)
30413	Rubber and plastics hose, horizontal reinforced ¹⁰⁹.....1972..	143.5	62	87	99	100
30414	Rubber and plastics hose, continuous molded nonhydraulic, except garden ¹⁰⁹.....1972..	84.8	77	(D)	100	(X)
30415	Rubber and plastics garden hose ¹⁰⁹.....1972..	56.3	66	94	100	(X)
30416	All other rubber and plastics hose ¹⁰⁹.....1972..	237.1	45	66	88	99+
30410	Rubber and plastics hose and belting, n.s.k.....1972..	14.2	(X)	(X)	(X)	(X)
3069-	Fabricated rubber products, n.e.c. ¹¹⁰.....1972..	2,538.1	15	23	37	54
30693	Sponge and foam rubber goods.....1972..	350.9	53	72	88	98
	.....1967..	276.7	53	75	92	99
	.....1963..	226.4	53	71	88	96
	.....1958..	200.8	47	69	89	97
30694	Rubber floor and wall covering.....1972..	98.3	47	68	96	100
	.....1967..	70.7	40	62	94	100
	.....1963..	93.2	35	56	85	100
	.....1958..	99.4	34	55	82	99
30695	Mechanical rubber goods, n.e.c. ¹¹¹.....1972..	1,146.4	19	29	47	69
30696	Rubber heels and soles.....1972..	154.7	57	75	97	100
	.....1967..	126.1	55	73	98	100
	.....1963..	136.2	45	64	93	100
	.....1958..	134.9	43	65	88	99
	.....1954..	113.1	45	65	89	(NA)
30697	Druggist and medical sundries.....1972..	116.9	44	70	96	100
	.....1967..	84.1	46	70	96	100
	.....1963..	79.2	43	66	93	100
	.....1958..	57.0	43	71	95	99
	.....1954..	46.8	41	66	90	(NA)
30698	Other rubber goods, n.e.c. ¹¹².....1972..	530.9	22	35	57	80
	.....1967..	538.1	25	36	54	73
	.....1963..	451.0	25	37	53	71
	.....1958..	392.3	23	35	47	65
30690	Fabricated rubber products, n.e.c., n.s.k.....1972..	140.4	(X)	(X)	(X)	(X)
	.....1967..	102.1	(X)	(X)	(X)	(X)
	.....1963..	42.4	(X)	(X)	(X)	(X)
	.....1958..	21.6	(X)	(X)	(X)	(X)
3079-	Miscellaneous plastics products ¹¹³.....1972..	11,077.7	8	13	23	35
30791	Unsupported plastics film, sheets, rods, and tubes (1967 product classes 28211 and 30791).....1972..	2,068.4	18	27	44	62
	.....1967..	1,225.4	25	38	(NA)	(NA)
	.....1963..	688.5	28	41	(NA)	(NA)
30792	Foamed plastics products.....1972..	877.4	25	38	63	83
	.....1967..	492.8	27	41	62	81
	.....1963..	261.2	27	43	65	83
	.....1958..	54.0	42	57	83	99
30793	Laminated sheets, rods, and tubes.....1972..	568.1	37	52	73	91
	.....1967..	352.8	39	52	73	92
	.....1963..	244.1	42	57	78	94
	.....1958..	162.9	43	58	(¹²)	(¹²)
	.....1954..	102.4	(¹²)	(¹²)	(¹²)	(¹²)
30794	Packaging and shipping containers.....1972..	1,262.4	20	33	52	69
	.....1967..	774.5	26	37	54	72
	.....1963..	441.8	34	44	59	75
30795	Industrial plastics products, except belting, packing and seals ¹¹⁴....1972..	1,819.6	9	14	25	41
	.....1967..	1,263.7	8	12	22	36
	.....1963..	832.8	7	12	21	35
30796	Construction plastics products.....1972..	1,111.8	23	31	46	65
	.....1967..	426.7	26	35	55	77
	.....1963..	283.8	29	38	54	74

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 30.--RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS--Con.				
3079-	Miscellaneous plastics products--Continued					
30797	Plastics dinnerware, tableware, and kitchenware.....1972..	377.3	42	50	67	86
	1967..	205.2	37	51	71	89
	1963..	147.6	33	46	68	88
30798	Regenerated cellulosic products, except rayon (1967 product class 28212).....1972..	426.9	78	89	96	99+
	1967..	326.9	88	99	100	(X)
	1963..	327.6	94	(D)	100	(X)
	1958..	302.0	95	(D)	100	(X)
	1954..	217.0	(D)	100	(X)	(X)
30799	Custom compounded purchased resins (1967 product class 28217).....1972..	227.2	32	50	69	87
	1967..	236.0	26	36	59	82
	1963..	184.6	32	43	60	81
30790	Consumer and commercial plastics products, n.e.c., and miscellaneous plastics products, n.s.k. ¹¹³.....1972..	2,338.5	6	10	17	26
		MAJOR GROUP 31.--LEATHER AND LEATHER PRODUCTS				
3111-	Leather tanning and finishing.....1972..	1,025.3	17	29	48	71
	1967..	846.2	20	31	49	70
	1963 ³⁰	734.9	19	30	47	69
	1963 ³¹	² 8635.8	20	32	(² 8)	(² 8)
	1958..	² 8634.2	20	32	(² 8)	(² 8)
	1954..	618.2	20	30	48	(NA)
31111	Finished cattle hide and kip side leathers.....1972..	684.0	19	33	59	85
	1967..	495.7	21	35	62	88
	1963..	397.4	23	39	65	89
	1958..	411.3	21	37	62	85
	1954..	383.1	24	37	63	(NA)
31112	Finished calf and whole kip leathers.....1972..	35.1	92	100	100	(X)
	1967..	35.6	78	96	100	(X)
	1963..	51.9	60	94	100	(X)
	1958..	62.6	64	89	99	100
	1954..	63.6	58	85	99	(NA)
31113	Finished sheep and lamb leathers.....1972..	54.7	51	73	98	100
	1967..	60.9	54	70	94	100
	1963..	69.7	48	62	87	99
	1958..	56.7	44	58	81	99
	1954..	62.2	38	50	72	(NA)
31114	Other finished leathers, n.e.c.....1972..	47.9	52	73	98	100
	1967..	75.3	57	73	94	100
	1963..	69.4	46	66	92	100
	1958..	69.2	40	60	88	99
	1954..	85.4	37	54	79	(NA)
31115	Rough, russet, and crust leather (not finished in this establishment).....1972..	51.8	41	73	99	100
	1967..	30.5	46	72	94	100
	1963..	23.5	46	72	94	100
	1958..	26.7	54	72	93	99
	1954..	23.9	39	54	83	(NA)
31119	Contract and commission receipts for tanning and finishing leather owned by others.....1972..	87.0	28	40	61	86
	1967..	113.1	28	42	62	85
	1963..	99.1	24	35	54	77
31110	Leather tanning and finishing, n.s.k.....1972..	64.8	(X)	(X)	(X)	(X)
	1967..	35.1	(X)	(X)	(X)	(X)
	1963..	23.9	(X)	(X)	(X)	(X)
	1958..	7.6	(X)	(X)	(X)	(X)
31310	Boot and shoe cut stock and findings.....1972..	200.9	19	28	49	73
	1967..	254.3	19	26	43	62
	1963..	216.0	18	24	36	56
	1958..	239.0	18	28	39	56
	1954..	242.9	22	32	44	(NA)
31420	House slippers ²⁹.....1972..	159.4	37	53	75	93
	1967..	162.3	22	33	58	85
	1963..	127.6	18	29	49	76
	1958..	115.7	16	26	49	73
	1954..	92.2	17	29	48	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 31.--LEATHER AND LEATHER PRODUCTS--Continued				
3143-	Men's footwear, except athletic (1967 industry 3141 pt) ¹¹⁵.....1972..	1,181.4	36	50	74	93
31431	Men's dress shoes (1967 product class 31411 pt) ¹¹⁶.....1972..	616.9	50	68	88	100
31432	Men's casual shoes (1967 product class 31411 pt) ¹¹⁶.....1972..	97.2	47	62	83	99
31433	Men's work shoes (1967 product class 31412) ²⁹.....1972..	309.4	38	62	89	100
	1967..	315.0	33	53	84	99
	1963..	174.9	39	64	89	99
	1958..	146.9	42	64	87	99
	1954..	110.0	49	68	86	(NA)
31434	Men's dress and casual boots, except work (1967 product class 31411 pt) ¹¹⁶.....1972..	154.1	49	67	94	100
31430	Men's footwear, except athletic, n.s.k.....1972..	3.8	(X)	(X)	(X)	(X)
3144-	Women's footwear, except athletic (1967 industry 3141 pt) ¹¹⁵.....1972..	1,305.6	34	42	56	75
31441	Women's shoes, flats (1967 product class 31414 pt) ¹¹⁷.....1972..	195.1	27	40	66	94
31442	Women's shoes, low heel (1967 product class 31414 pt) ¹¹⁷.....1972..	562.9	41	51	69	90
31443	Women's shoes, medium heel (1967 product class 31414 pt) ¹¹⁷.....1972..	350.8	46	56	75	95
31444	Women's shoes, high heel (1967 product class 31414 pt) ¹¹⁷.....1972..	45.7	46	66	93	100
31445	Women's boots (1967 product class 31414 pt) ¹¹⁷.....1972..	102.6	45	60	85	100
31440	Women's footwear, except athletic, n.s.k.....1972..	48.5	(X)	(X)	(X)	(X)
	1967 product class 31414, Women's dress, work, and play shoes ¹¹⁷.....1967..	1,249.1	27	33	47	66
	1963..	1,065.5	24	30	43	62
	1958..	996.4	24	32	43	59
3149-	Footwear, except rubber, n.e.c. (1967 industry 3141 pt) ¹¹⁵.....1972..	478.7	26	39	61	82
31491	Youths' and boys' shoes ²⁹ (1967 product class 31413).....1972..	103.7	33	53	79	99
	1967..	100.1	37	53	77	99
	1963..	82.2	39	54	77	96
	1958..	81.8	44	58	77	94
31492	Misses' and children's shoes ²⁹ (1967 product class 31415).....1972..	206.5	34	51	75	96
	1967..	186.7	32	46	68	91
	1963..	189.9	30	43	61	84
	1958..	192.3	28	38	55	77
31493	Infants' and babies' shoes ²⁹ (1967 product class 31416).....1972..	78.9	45	61	81	98
	1967..	69.6	38	52	74	93
	1963..	73.1	36	50	71	91
	1958..	76.2	32	45	62	84
	1954..	71.0	38	50	65	(NA)
31494	All other footwear, except rubber and slippers ²⁹ (1967 product class 31417).....1972..	86.3	40	58	86	100
	1967..	40.4	35	50	77	100
	1963..	54.4	30	47	72	94
	1958..	47.2	30	42	67	89
31490	Footwear, except rubber, n.e.c., n.s.k.....1972..	3.3	(X)	(X)	(X)	(X)
31510	Dress and work gloves and mittens, all leather ²⁹.....1972..	80.0	34	47	69	92
	1967..	73.3	25	38	58	84
	1963..	61.9	20	30	52	80
	1958..	49.3	21	30	50	77
31610	Suitcases, briefcases, bags, and musical instrument cases.....1972..	321.9	38	47	62	79
	1967..	320.1	34	44	59	76
	1963..	204.8	30	38	53	70
	1958..	180.5	26	34	47	64
31710	Women's and children's handbags and purses.....1972..	344.4	14	22	37	59
	1967..	312.1	10	17	31	51
	1963..	266.1	10	16	30	50
	1958..	214.1	9	15	27	48
	1954..	180.3	7	13	25	(NA)
31720	Personal leather goods, except handbags and purses.....1972..	235.9	36	45	63	81
	1967..	178.9	33	44	58	75
	1963..	154.3	30	42	56	73
	1958..	134.7	22	34	51	69
31990	Saddlery, harness and whips, and other leather products, n.e.c.....1972..	146.0	15	23	39	59
	1967..	89.9	16	26	41	63
	1963..	67.1	18	26	40	60
	1958..	61.2	14	21	35	55

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²					
		Total (million dollars)	Percent accounted for by ³ —				
			4 largest companies	8 largest companies	20 largest companies	50 largest companies	
		MAJOR GROUP 32.--STONE, CLAY, AND GLASS PRODUCTS					
3211- 32313	Flat glass ¹¹⁸	1972..	1,248.3	83	94	(NA)	(NA)
		1967..	810.9	85	94	(NA)	(NA)
		1963..	733.1	87	95	(NA)	(NA)
		1958..	547.0	90	96	(NA)	(NA)
32111	Sheet (window) glass.....	1972..	157.3	100	(X)	(X)	(X)
		1967..	133.2	97	(D)	100	(X)
		1963..	141.5	(D)	(D)	100	(X)
		1958..	92.3	95	(D)	100	(X)
		1954..	99.1	(D)	100	(X)	(X)
32112	Plate and float glass.....	1972..	361.8	91	(D)	100	(X)
		1967..	183.3	(D)	100	(X)	(X)
32113	Laminated glass, made from glass produced in the same establishment. (See also product class 32313.).....	1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
		1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
		1963..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
		1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
32114	Other flat glass made from glass produced in the same establishment.....	1972..	193.6	91	100	(X)	(X)
		1967..	130.2	84	97	100	(X)
32110	Flat glass, n.s.k.....	1972..	1.3	(X)	(X)	(X)	(X)
		1967..	2.6	(X)	(X)	(X)	(X)
32210	Glass containers.....	1972..	2,085.2	56	77	98	100
		1967..	1,331.0	60	75	94	100
		1963..	982.4	56	72	92	100
		1958..	841.6	59	74	93	100
		1954..	628.9	63	78	92	(NA)
3229-	Pressed and blown glass, n.e.c.....	1972..	1,262.8	65	80	92	98
		1967..	880.4	70	83	93	98
		1963..	615.1	68	81	92	99
		1958..	448.0	65	78	89	97
		1954..	417.0	66	75	86	(NA)
32291	Table, kitchen, art, and novelty glassware (handmade and machine-made).....	1972..	432.9	74	88	98	100
		1967..	266.9	70	86	98	100
		1963..	220.3	72	86	97	100
		1958..	149.0	62	78	95	100
32292	Lighting and electronic glassware.....	1972..	394.6	83	91	98	100
		1967..	328.9	92	96	99	100
		1963..	210.3	85	91	98	100
32293	Glass fiber (textile type fiber).....	1972..	253.4	95	99	100	(X)
		1967..	138.1	93	98	100	(X)
		1963..	91.6	95	99+	100	(X)
		1958..	59.7	96	98	100	(X)
32294	Other pressed and blown glassware.....	1972..	166.6	80	90	100	(X)
		1967..	137.5	(D)	92	99	100
		1963..	92.5	(D)	93	99	100
32290	Pressed and blown glass, n.e.c., n.s.k.....	1972..	15.3	(X)	(X)	(X)	(X)
		1967..	9.0	(X)	(X)	(X)	(X)
		1963..	0.4	(X)	(X)	(X)	(X)
3231-	Products of purchased glass.....	1972..	¹¹⁹ 973.1	22	31	50	63
		1967..	¹¹⁹ 567.4	25	32	45	60
		1963..	¹¹⁹ 412.0	19	26	39	(NA)
		1958..	¹¹⁹ 279.3	21	29	43	62
		1954..	¹¹⁹ 239.8	(D)	(D)	(D)	(D)
32313	Laminated glass, made of purchased glass. (See product class 32113.)..	1972..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
		1967..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
		1963..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
		1958..	(²⁷)	(²⁷)	(²⁷)	(²⁷)	(²⁷)
32315	Mirrors.....	1972..	250.1	24	41	64	86
		1967..	160.0	21	36	60	82
		1963..	123.4	21	32	56	80
		1958..	88.0	27	40	61	83
		1954..	68.9	23	34	57	(NA)
32316	Other glass products made of purchased glass.....	1972..	627.6	40	53	65	80
		1967..	352.1	38	46	58	73
		1963..	275.2	28	36	47	61
		1958..	157.1	30	37	52	69
		1954..	170.9	45	51	63	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 32.--STONE, CLAY, AND GLASS PRODUCTS--Continued				
3231-	Products of purchased glass--Continued					
32310	Products of purchased glass, n.s.k.....1972..	95.4	(X)	(X)	(X)	(X)
	1967..	55.3	(X)	(X)	(X)	(X)
	1963..	13.4	(X)	(X)	(X)	(X)
	1958..	34.2	(X)	(X)	(X)	(X)
32410	Cement, hydraulic (including cost of shipping containers).....1972..	1,758.2	26	47	79	99+
	1967..	1,221.7	28	48	81	99+
	1963..	1,163.0	29	49	82	99+
	1958..	1,062.8	32	50	78	98
	1954..	807.3	31	48	73	(NA)
3251-	Brick and structural clay tile.....1972..	471.3	18	27	43	64
	1967..	343.9	14	22	36	57
	1963..	308.1	12	20	34	54
	1958..	268.9	13	20	33	49
	1954..	242.9	13	20	33	(NA)
32511	Brick, except ceramic glazed and refractory.....1972..	431.4	19	29	45	66
	1967..	298.1	16	24	39	59
	1963..	263.6	13	20	33	53
	1958..	212.7	12	18	29	47
32512	Glazed brick and structural hollow tile.....1972..	18.5	60	82	98	100
	1967..	29.3	55	74	93	99+
	1963..	35.9	56	75	91	99
	1958..	43.2	54	73	88	98
32510	Brick and structural clay tile, n.s.k.....1972..	21.5	(X)	(X)	(X)	(X)
	1967..	16.5	(X)	(X)	(X)	(X)
	1963..	8.7	(X)	(X)	(X)	(X)
	1958..	12.9	(X)	(X)	(X)	(X)
32530	Clay floor and wall tile, including quarry tile.....1972..	157.9	54	69	89	99+
	1967..	134.8	55	75	93	99+
	1963..	143.4	50	66	86	99
	1958..	124.2	42	60	83	98
32550	Clay refractories.....1972..	298.9	48	64	87	98
	1967..	235.3	43	61	83	97
	1963..	180.7	42	60	82	97
	1958..	158.2	44	60	80	94
3259-	Structural clay products, n.e.c.....1972..	169.3	39	66	87	98
	1967..	137.1	29	48	77	94
	1963..	141.4	34	53	76	92
	1958..	132.3	27	43	67	87
32591	Vitrified clay sewer pipe and fittings.....1972..	134.7	46	78	99	100
	1967..	93.0	41	65	96	100
	1963..	98.2	45	69	93	100
	1958..	86.9	38	59	84	100
	1954..	70.9	35	53	77	(NA)
32592	Structural clay products, n.e.c.....1972..	28.8	28	45	76	99
	1967..	39.7	32	44	68	92
	1963..	39.9	30	41	61	87
	1958..	45.4	27	41	57	81
32590	Structural clay products, n.e.c., n.s.k.....1972..	5.8	(X)	(X)	(X)	(X)
	1967..	4.4	(X)	(X)	(X)	(X)
	1963..	3.3	(X)	(X)	(X)	(X)
32610	Vitreous and semivitreous plumbing fixtures, accessories, and fittings.....1972..	248.4	58	79	97	100
	1967..	148.9	61	81	98	100
	1963..	143.8	56	76	97	100
	1958..	130.5	54	75	95	100
	1954..	116.6	65	83	98	(NA)
32620	Vitreous china and porcelain table and kitchen articles (feldspar and bone).....1972..	81.9	69	89	99	100
	1967..	69.6	66	85	97	100
	1963..	51.9	62	82	99	100
	1958..	46.9	58	77	98	100
32630	Earthenware (semivitreous) table and kitchen articles.....1972..	58.0	54	87	100	(X)
	1967..	46.7	51	82	99	100
	1963..	58.2	52	80	99	100
	1958..	53.5	40	66	96	100
	1954..	70.8	34	55	86	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 32.—STONE, CLAY, AND GLASS PRODUCTS—Continued				
32640	Porcelain, steatite, and other ceramic electrical products.....1972..	257.2	44	68	85	98
	1967..	188.6	45	67	87	99
	1963..	121.5	43	64	85	98
	1958..	91.1	43	63	85	99
	1954..	83.9	48	69	88	(NA)
32690	Pottery products, n.e.c., including china decorating for the trade.....1972..	148.7	17	30	52	73
	1967..	96.0	17	28	48	71
	1963..	81.4	18	27	47	67
	1958..	75.0	12	19	34	55
32710	Concrete block and brick.....1972..	795.7	5	8	14	24
	1967..	502.1	4	7	12	21
	1963..	472.4	5	7	12	20
	1958..	379.1	3	5	10	19
	1954..	341.9	3	5	10	(NA)
3272-	Concrete products, n.e.c.....1972..	1,864.3	10	14	23	35
	1967..	1,147.5	11	17	27	38
	1963..	861.9	17	23	30	40
	1958..	662.1	18	23	30	39
32721	Concrete pipe.....1972..	566.3	27	39	57	71
	1967..	400.5	29	43	57	71
	1963..	369.3	34	47	58	71
	1958..	294.8	35	46	59	72
	1954..	184.3	32	42	55	(NA)
32722	Precast concrete products.....1972..	536.8	7	12	21	35
	1967..	341.5	8	13	23	38
	1963..	297.3	10	12	20	31
32723	Prestressed concrete products.....1972..	414.1	14	25	42	65
	1967..	217.7	16	24	37	61
	1963..	140.9	13	21	38	62
32720	Concrete products, n.e.c., n.s.k.....1972..	347.0	(X)	(X)	(X)	(X)
	1967..	187.8	(X)	(X)	(X)	(X)
	1963..	54.4	(X)	(X)	(X)	(X)
	1958..	80.3	(X)	(X)	(X)	(X)
32730	Ready-mixed concrete.....1972..	3,556.6	5	9	16	24
	1967..	2,330.5	5	9	15	23
	1963..	1,970.7	4	7	13	21
	1958..	1,468.6	2	3	6	11
32740	Lime (including cost of shipping containers).....1972..	223.5	36	52	79	99
	1967..	163.5	33	51	77	98
	1963..	136.9	35	53	78	98
	1958..	109.0	36	53	76	95
	1954..	93.9	34	54	79	(NA)
3275-	Gypsum products.....1972..	583.1	79	92	99	99+
	1967..	362.4	78	92	99	99+
	1963..	405.1	82	96	99	99+
	1958..	344.2	86	95	99	99+
	1954..	273.5	89	97	99	(NA)
32751	Gypsum building materials.....1972..	538.4	80	93	100	(X)
	1967..	339.1	79	93	99	100
	1963..	(NA)	(NA)	(NA)	(NA)	(NA)
	1958..	333.0	87	97	99	100
32752	Other gypsum products.....1972..	40.4	88	99	100	(X)
	1967..	19.4	92	98	100	(X)
	1963..	(NA)	(NA)	(NA)	(NA)	(NA)
	1958..	6.6	90	98	100	(X)
32750	Gypsum products, n.s.k.....1972..	4.3	(X)	(X)	(X)	(X)
	1967..	3.9	(X)	(X)	(X)	(X)
	1963..	3.4	(X)	(X)	(X)	(X)
	1958..	4.6	(X)	(X)	(X)	(X)
3281-	Cut stone and stone products.....1972..	286.8	18	23	34	47
	1967..	211.4	16	24	35	50
	1963..	190.9	20	26	38	51
	1958..	191.1	14	20	(NA)	(NA)
	1954..	166.8	12	19	28	(NA)
32811	Cut granite and granite products.....1972..	123.3	36	46	62	80
	1967..	75.9	31	43	57	75
	1963..	87.8	30	39	52	69
	1958..	87.9	22	29	40	56
	1954..	67.5	17	23	35	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 32.--STONE, CLAY, AND GLASS PRODUCTS--Continued				
3281-	Cut stone and stone products--Continued					
32812	Cut limestone and limestone products.....1972..	27.9	37	51	75	98
	.....1967..	27.3	26	38	60	89
	.....1963..	29.1	24	35	58	84
	.....1958..	35.1	19	30	52	80
	.....1954..	40.0	28	37	56	(NA)
32813	Cut marble and other cut stone products.....1972..	44.2	33	45	67	90
	.....1967..	53.8	34	44	63	81
	.....1963..	63.6	34	42	56	75
	.....1958..	55.7	26	36	52	70
32810	Cut stone and stone products, n.s.k.....1972..	91.3	(X)	(X)	(X)	(X)
	.....1967..	54.5	(X)	(X)	(X)	(X)
	.....1963..	10.4	(X)	(X)	(X)	(X)
	.....1958..	12.3	(X)	(X)	(X)	(X)
3291-	Abrasive products.....1972..	892.3	50	60	75	87
	.....1967..	734.2	48	57	71	84
	.....1963..	572.2	49	59	71	84
32911	Nonmetallic artificial (synthetic) sized grains, and flour abrasives (including graded products only).....1972..	140.3	73	89	99	100
	.....1967..	101.5	76	92	99	100
	.....1963..	74.3	76	92	99	100
32912	Nonmetallic bonded abrasive products, including diamond abrasives....1972..	309.3	52	66	82	93
	.....1967..	308.8	48	59	77	90
	.....1963..	247.3	49	58	74	88
	.....1958..	164.4	54	65	80	92
32913	Nonmetallic coated abrasive products and buffing wheels, polishing wheels and laps.....1972..	292.5	82	90	97	100
	.....1967..	225.4	77	84	94	99+
	.....1963..	176.3	77	84	94	99+
	.....1958..	127.4	73	81	92	99
32914	Metal abrasives, including scouring pads.....1972..	107.4	59	79	98	100
	.....1967..	75.0	64	79	95	100
	.....1963..	63.2	68	80	96	100
	.....1958..	54.7	65	77	94	99+
	.....1954..	45.9	57	69	90	(NA)
32910	Abrasive products, n.s.k.....1972..	42.8	(X)	(X)	(X)	(X)
	.....1967..	23.5	(X)	(X)	(X)	(X)
	.....1963..	11.1	(X)	(X)	(X)	(X)
	.....1958..	14.5	(X)	(X)	(X)	(X)
3292-	Asbestos products ¹²⁰.....1972..	744.2	48	69	88	98
	.....1967..	564.6	51	72	91	99
	.....1963..	506.1	54	74	93	99
	.....1958..	419.7	53	68	90	98
	.....1954..	¹²¹ 323.1	51	67	90	(NA)
32922	Asbestos friction materials.....1972..	209.5	74	90	100	(X)
	.....1967..	144.4	71	89	(D)	100
	.....1963..	117.7	68	87	(D)	100
	.....1958..	89.8	63	86	99	100
	.....1954..	73.9	68	91	99	(NA)
32924	Asbestos-cement shingles and clapboard.....1972..	20.8	89	(D)	100	(X)
	.....1967..	24.0	88	100	(X)	(X)
	.....1963..	34.7	78	(D)	100	(X)
	.....1958..	49.2	(¹²)	(¹²)	100	(X)
	.....1954..	53.3	74	95	100	(X)
32925	Asphalt floor tile.....1972..	9.1	87	(D)	100	(X)
	.....1967..	25.0	78	(D)	100	(X)
	.....1963..	59.2	79	(D)	100	(X)
	.....1958..	77.3	81	98	100	(X)
32926	Vinyl asbestos floor tile.....1972..	200.9	79	(D)	100	(X)
	.....1967..	153.5	72	(D)	100	(X)
	.....1963..	131.1	69	(D)	100	(X)
	.....1958..	66.6	78	99	100	(X)
32927	Asbestos textiles, asbestos insulation, and other asbestos- cement products ¹²¹.....1972..	298.6	67	79	96	99+
	.....1967..	214.1	72	85	97	99+
	.....1963..	162.2	79	89	97	99+
	.....1958..	131.8	80	90	98	100

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 32.--STONE, CLAY, AND GLASS PRODUCTS--Continued				
3292-	Asbestos products--Continued					
32920	Asbestos products, n.s.k.....1972..	5.3	(X)	(X)	(X)	(X)
	1967..	3.6	(X)	(X)	(X)	(X)
	1963..	1.1	(X)	(X)	(X)	(X)
	1958..	5.0	(X)	(X)	(X)	(X)
3293-	Gaskets, packing and sealing devices ¹²².....1972..	714.3	22	37	54	72
	1967..	340.5	22	31	49	73
32932	Gaskets, all types.....1972..	265.1	27	38	60	82
	1967..	248.7	22	33	55	80
	1963..	199.7	25	38	59	80
	1958..	143.3	27	41	64	84
	1954..	112.8	32	47	69	(NA)
32933	Packing and sealing devices ¹²².....1972..	402.8	38	54	72	90
32930	Gaskets, packing and sealing devices, n.s.k.....1972..	46.3	(X)	(X)	(X)	(X)
	1967..	28.6	(X)	(X)	(X)	(X)
	1963..	11.3	(X)	(X)	(X)	(X)
	1958..	8.5	(X)	(X)	(X)	(X)
32950	Minerals and earths, ground or otherwise treated.....1972..	389.1	25	34	52	71
	1967..	270.7	26	34	50	71
	1963..	203.1	24	36	53	72
	1958..	218.1	(¹²³)	(¹²³)	(¹²³)	(¹²³)
3296-	Mineral wool.....1972..	738.6	72	86	96	99+
	1967..	425.0	70	82	94	99
	1963..	356.0	68	82	94	99
	1958..	236.4	(¹²³)	(¹²³)	(¹²³)	(¹²³)
32961	Mineral wool for structural insulation.....1972..	364.3	88	97	100	(X)
	1967..	119.8	85	93	99	100
	1963..	107.7	77	88	98	100
	1958..	71.8	(¹²³)	(¹²³)	(¹²³)	(¹²³)
32962	Mineral wool for industrial and equipment insulation.....1972..	366.1	64	84	98	100
	1967..	292.4	71	86	97	100
	1963..	240.8	73	89	98	100
	1958..	142.0	(¹²³)	(¹²³)	(¹²³)	(¹²³)
32960	Mineral wool, n.s.k.....1972..	8.1	(X)	(X)	(X)	(X)
	1967..	12.9	(X)	(X)	(X)	(X)
	1963..	7.5	(X)	(X)	(X)	(X)
	1958..	5.7	(X)	(X)	(X)	(X)
32970	Nonclay refractories, except dead-burned magnesia.....1972..	372.1	41	61	88	99
	1967..	302.6	40	58	87	99
	1963..	256.8	47	63	89	99+
	1958..	185.2	57	73	91	99
32990	Other nonmetallic mineral products, n.e.c.....1972..	169.7	30	39	55	70
	1967..	87.5	31	44	62	79
	1963..	83.0	29	42	61	80
	1958..	53.7	21	33	52	72
		MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES				
3312-	Blast furnace and steel mill products.....1972..	²³ 22,123.2	(²³)	(²³)	(²³)	(²³)
	1967..	²³ 20,869.1	(²³)	(²³)	(²³)	(²³)
	1963..	²³ 17,361.7	(²³)	(²³)	(²³)	(²³)
33121	Coke oven and blast furnace products, including ferroalloys. (See also product group 3313-.).....1972..	¹²⁴ 1,497.3	56	73	94	100
	1967..	¹²⁴ 1,256.4	55	74	92	99+
	1963..	¹²⁴ 1,298.0	60	76	93	99+
	1958..	¹²⁴ 1,150.3	54	69	90	99
33122	Steel ingot and semifinished shapes.....1972..	2,502.9	58	79	96	99+
	1967..	2,526.5	67	83	96	100
	1963..	2,030.1	70	84	97	100
	1958..	1,846.9	71	85	96	99
33123	Hot-rolled sheet and strip, including tin-mill products.....1972..	6,510.7	54	77	98	100
	1967..	4,533.3	56	75	99	100
	1963..	3,895.5	55	76	99	100
	1958..	3,169.3	56	78	99	100
33124	Hot-rolled bars and bar shapes, plates, structural shapes, and piling.....1972..	5,612.8	59	70	85	98
	1967..	4,456.4	62	74	88	99
	1963..	3,607.8	63	74	89	99
	1958..	2,879.7	64	76	89	99

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²					
		Total (million dollars)	Percent accounted for by ³ —				
			4 largest companies	8 largest companies	20 largest companies	50 largest companies	
		MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES--Continued					
3312-	Blast furnace and steel mill products--Continued						
33125	Steel wire (produced in steel mills). (See also product class 33155.)	1972.. 1967.. 1963.. 1958..	⁴ 397.6 ⁴ 377.6 ⁴ 361.8 ⁴ 350.2	56 46 45 53	81 70 68 72	99 98 98 99	100 100 100 100
33126	Steel pipe and tubes (produced in steel mills). (See also product class 33176.)	1972.. 1967.. 1963.. 1958..	⁴ 1,501.0 ⁴ 1,554.1 ⁴ 1,137.5 ⁴ 993.3	54 55 61 65	81 82 (D) 85	99 94 100 100	100 100 (X) (X)
33127	Cold-rolled steel sheet and strip (produced in steel mills). (See also product class 33167.)	1972.. 1967.. 1963.. 1958..	⁴ 3,278.6 ⁴ 2,607.0 ⁴ 2,447.8 ⁴ 1,838.4	45 42 46 46	72 69 73 72	99 99 99 98	100 100 100 100
33128	Cold-finished steel bars and bar shapes (produced in steel mills). (See also product class 33168.)	1972.. 1967.. 1963.. 1958..	⁴ 268.7 ⁴ 256.6 ⁴ 199.4 ⁴ 130.6	67 61 55 58	87 81 77 80	100 100 (D) 100	(X) (X) (D) (X)
33129	Press and hammer steel forgings (produced in steel mills). (See also product class 34629.)	1972.. 1967.. 1963.. 1958..	⁴ 266.0 ⁴ 208.6 ⁴ 120.7 ⁴ 119.5	64 63 70 78	88 90 94 98	(D) 100 100 100	100 (X) (X) (X)
33120	Other steel mill products, except wire products.	1972.. 1967.. 1963.. 1958.. 1954..	287.7 324.8 200.2 198.5 241.6	(X) (X) (X) (X) (X)	(X) (X) (X) (X) (X)	(X) (X) (X) (X) (X)	(X) (X) (X) (X) (X)
3313-	Electrometallurgical products. (See also product class 33121.)	1972.. 1967.. 1963.. 1958..	¹²⁴ 539.4 ¹²⁴ 420.4 ¹²⁴ 342.6 ¹²⁴ 374.1	72 71 70 67	89 87 89 86	99+ 99+ 99+ 99	100 100 100 100
33131	Ferromanganese.	1972.. 1967.. 1963..	(D) (D) (D)	(D) (D) (D)	(D) (D) (D)	(D) (D) (D)	(D) (D) (D)
33132	Ferrochrome.	1972.. 1967.. 1963..	116.6 104.5 85.3	90 (D) 87	(D) 100 99+	100 (X) 100	(X) (X) (X)
33133	Ferrosilicon.	1972.. 1967.. 1963..	180.8 102.9 78.0	83 92 87	95 100 (D)	100 (X) 100	(X) (X) (X)
33134	Other ferroalloys produced in electric furnaces.	1972.. 1967.. 1963..	(D) (D) (D)	(D) (D) (D)	(D) (D) (D)	(D) (D) (D)	(D) (D) (D)
3315-	Steel wire and related products.	1972.. 1967.. 1963..	²³ 1,520.8 ²³ 1,061.6 ²³ 796.5	(²³) (²³) (²³)	(²³) (²³) (²³)	(²³) (²³) (²³)	(²³) (²³) (²³)
33151	Noninsulated ferrous wire rope, cable, and strand, made in wire-drawing plants. (See also product class 34961.)	1972.. 1967.. 1963.. 1958..	⁴ 273.3 ⁴ 164.2 ⁴ 100.9 ⁴ 94.1	44 65 72 71	64 85 94 92	90 99+ 100 100	100 100 (X) (X)
33152	Steel nails and spikes.	1972.. 1967.. 1963.. 1958..	253.0 158.8 153.1 159.4	44 34 33 41	65 54 51 59	88 80 80 81	100 92 98 96
33155	Steel wire, not produced in steel mills. (See also product class 33125.)	1972.. 1967.. 1963.. 1958..	⁴ 328.7 ⁴ 300.5 ⁴ 257.6 ⁴ 214.6	37 38 40 47	53 53 54 60	81 81 79 86	99 99+ 99 99
33156	Fencing and fence gates, made in wiredrawing plants. (See also product class 34996.)	1972.. 1967.. 1963.. 1958..	⁴ 176.8 ⁴ 75.8 ⁴ 58.3 ⁴ 48.0	40 50 51 64	64 72 74 88	94 99 99+ 100	100 100 100 (X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ --			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES--Continued				
3315-	Steel wire and related products--Continued					
33157	Ferrous wire cloth and other woven wire products, made in wire-drawing plants. (See also product class 34964.).....1972..	⁴ 53.6	58	88	100	(X)
	.....1967..	⁴ 35.4	58	87	100	(X)
	.....1963..	⁴ 24.3	64	96	100	(X)
	.....1958..	⁴ 25.9	66	92	100	(X)
33159	Other fabricated ferrous wire products, except springs, made in wiredrawing plants. (See also product class 34969.).....1972..	⁴ 390.0	26	47	64	97
	.....1967..	⁴ 293.7	33	52	77	96
	.....1963..	⁴ 181.6	45	66	89	99
	.....1958..	⁴ 143.2	55	79	99	100
33150	Steel wire and related products, n.s.k.....1972..	45.4	(X)	(X)	(X)	(X)
	.....1967..	33.2	(X)	(X)	(X)	(X)
	.....1963..	20.7	(X)	(X)	(X)	(X)
	.....1958..	6.1	(X)	(X)	(X)	(X)
3316-	Cold finishing of steel shapes.....1972..	⁴ 1,571.8	36	52	79	98
	.....1967..	⁴ 945.6	35	51	73	95
	.....1963..	⁴ 685.3	38	56	80	98
	.....1958..	⁴ 461.5	39	60	83	(NA)
33167	Cold-rolled steel sheet and strip (not made in steel mills). (See also product class 33127.).....1972..	⁴ 988.5	48	68	92	100
	.....1967..	⁴ 554.9	41	57	85	100
	.....1963..	⁴ 408.5	44	64	91	100
	.....1958..	⁴ 253.2	49	70	95	100
33168	Cold-finished steel bars and bar shapes (not made in steel mills). (See also product class 33128.).....1972..	⁴ 558.9	48	69	95	100
	.....1967..	⁴ 372.6	64	78	97	100
	.....1963..	⁴ 273.4	70	82	98	100
	.....1958..	⁴ 208.3	70	81	98	100
33160	Cold finishing of steel shapes, n.s.k.....1972..	24.5	(X)	(X)	(X)	(X)
	.....1967..	18.3	(X)	(X)	(X)	(X)
	.....1963..	3.5	(X)	(X)	(X)	(X)
33176	Steel pipe and tubes (not made in steel mills). (See also product class 33126.).....1972..	⁴ 1,257.5	23	38	66	90
	.....1967..	⁴ 1,075.0	24	38	67	89
	.....1963..	⁴ 750.0	25	41	66	90
	.....1958..	⁴ 730.3	36	54	78	94
3321-	Gray iron foundries ¹²⁵.....1972..	4,032.6	34	42	57	70
	.....1967..	2,740.4	26	35	49	63
	.....1963..	2,046.3	26	35	51	65
	.....1958..	1,527.9	22	31	46	61
	.....1954..	1,513.5	25	33	45	(NA)
33215	Ductile iron castings ¹²⁶.....1972..	605.5	51	65	82	92
33217	Cast iron pressure pipe and fittings (except ductile) ¹²⁶.....1972..	245.4	62	90	99	100
33219	Other gray iron castings (except ductile) ¹²⁶.....1972..	2,543.7	39	47	56	68
	1967 product class 33212, Cast iron pressure pipe and fittings.....1967..	263.2	69	90	99	100
	.....1963..	230.7	69	92	99	100
	.....1958..	196.1	69	87	98	100
	1967 product class 33214, All other gray iron castings.....1967..	1,960.8	32	39	49	61
	.....1963..	1,432.8	32	39	50	61
	.....1958..	995.1	30	36	46	58
	(1967 product classes 33212 and 33214 are reclassified as product classes 33215, 33216, and 33219 in 1972)					
33216	Molds for heavy steel ingots (1967 product class 33211).....1972..	312.0	72	93	99	100
	.....1967..	242.9	74	95	100	(X)
	.....1963..	187.8	82	97	100	(X)
	.....1958..	147.7	81	94	99	100
33218	Cast iron soil pipe and fittings (1967 product class 33213).....1972..	220.2	76	91	100	(X)
	.....1967..	156.0	69	86	99	100
	.....1963..	152.1	62	78	94	100
	.....1958..	119.8	39	60	85	100
33210	Gray iron foundries, n.s.k.....1972..	105.8	(X)	(X)	(X)	(X)
	.....1967..	117.5	(X)	(X)	(X)	(X)
	.....1963..	43.0	(X)	(X)	(X)	(X)
	.....1958..	69.2	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES--Continued				
3322-	Malleable iron foundries.....1972..	484.8	51	62	79	96
	.....1967..	417.2	43	52	71	93
	.....1963..	313.6	45	54	72	92
	.....1958..	203.3	37	51	69	91
	.....1954..	204.9	42	53	70	(NA)
33221	Standard malleable castings ¹²⁷.....1972..	345.8	44	56	76	98
33222	Pearlitic malleable castings ¹²⁷.....1972..	129.3	80	89	98	100
33220	Malleable iron foundries, n.s.k.....1972..	9.7	(X)	(X)	(X)	(X)
33240	Steel investment castings (1967 product class 33231).....1972..	237.7	55	65	83	97
	.....1967..	167.6	42	54	76	97
3325-	Steel castings, n.e.c.....1972..	1,052.8	22	32	51	73
33252	Carbon steel castings (1967 product class 33232).....1972..	541.0	30	41	61	84
	.....1967..	619.0	27	39	60	83
33254	High alloy steel castings (except investment).....1972..	127.8	26	40	68	94
33255	Other alloy steel castings.....1972..	349.3	27	41	69	91
	1967 product class 33233, Other alloy steel castings (1972 product classes 33254 and 33255).....1967..	390.0	24	36	59	84
33250	Steel castings, n.e.c., n.s.k.....1972..	34.7	28	46	76	100
3331-	Primary copper.....1972..	2,338.8	60	73	100	(X)
	.....1967..	1,018.5	(NA)	(NA)	(NA)	(NA)
	.....1963..	1,049.9	(NA)	(NA)	(NA)	(NA)
	.....1958..	682.1	(NA)	(NA)	(NA)	(NA)
33311	Copper smelter products.....1972..	1,360.8	87	(D)	100	(X)
	.....1967..	547.6	89	99+	100	(X)
	.....1963..	628.5	89	(D)	100	(X)
	.....1958..	361.6	95	99	100	(X)
	.....1954..	369.4	94	(D)	100	(X)
33312	Refined primary copper. (See also product class 33412.).....1972..	⁴ 977.9	82	100	(X)	(X)
	.....1967..	⁴ 453.6	79	(D)	100	(X)
	.....1963..	⁴ 421.4	84	(D)	100	(X)
	.....1958..	⁴ 320.5	90	(D)	100	(X)
33310	Primary copper, n.s.k.....1972..	0.1	(X)	(X)	(X)	(X)
	.....1967..	17.3	(X)	(X)	(X)	(X)
3332-	Primary lead.....1972..	(D)	(D)	(D)	(D)	(D)
	.....1967..	(D)	(D)	(D)	(D)	(D)
	.....1963..	(D)	(D)	(D)	(D)	(D)
	.....1958..	(D)	(D)	(D)	(D)	(D)
33321	Lead smelter products.....1972..	(D)	(D)	(D)	(D)	(D)
	.....1967..	(D)	(D)	(D)	(D)	(D)
	.....1963..	(D)	(D)	(D)	(D)	(D)
	.....1958..	(D)	(D)	(D)	(D)	(D)
33323	Refined primary lead. (See also product class 33413.).....1972..	⁴ 179.4	93	99+	100	(X)
	.....1967..	⁴ 123.3	76	(D)	100	(X)
	.....1963..	⁴ 74.5	100	(X)	(X)	(X)
	.....1958..	⁴ 104.8	(D)	100	(X)	(X)
3333-	Primary zinc.....1972..	326.6	68	96	100	(X)
	.....1967..	285.5	(NA)	(NA)	(NA)	(NA)
	.....1963..	265.1	(NA)	(NA)	(NA)	(NA)
	.....1958..	232.5	(NA)	(NA)	(NA)	(NA)
33331	Zinc residues and other zinc smelter products.....1972..	36.9	84	98	100	(X)
	.....1967..	23.8	76	97	100	(X)
	.....1963..	34.8	85	98	100	(X)
	.....1958..	25.8	86	98	100	(X)
	.....1954..	20.5	91	97	100	(X)
33334	Refined primary zinc. (See also product class 33414.).....1972..	⁴ 289.7	69	(D)	100	(X)
	.....1967..	⁴ 261.7	61	92	100	(X)
	.....1963..	⁴ 230.3	58	90	100	(X)
3334-	Primary aluminum.....1972..	⁴ 1,754.6	80	94	100	(X)
	.....1967..	⁴ 1,963.5	91	100	(X)	(X)
	.....1963..	⁴ 1,069.6	93	(D)	100	(X)
	.....1958..	⁴ 810.9	82	90	(NA)	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES--Continued				
3334-	Primary aluminum--Continued					
33347	Aluminum ingot, produced in primary aluminum reduction plants. (See also product classes 33417 and 33553.).....	1972.. 1967.. 1963..	⁴ 1,509.7 ⁴ 1,324.1 ⁴ 946.8	81 91 93	95 100 (D)	100 (X) 100 (X)
33348	Aluminum extrusion billet, produced in primary aluminum reduction plants. (See also product classes 33418 and 33554.).....	1972.. 1967.. 1963..	⁴ 244.8 ⁴ 211.4 ⁴ 122.8	75 84 (D)	(D) 100 100	100 (X) (X) (X)
3339-	Primary nonferrous metals, n.e.c.....	1972.. 1967.. 1963.. 1958..	759.4 422.1 439.4 (NA)	58 (NA) (NA) (NA)	73 (NA) (NA) (NA)	91 (NA) (NA) (NA) (NA)
33395	Precious metals (primary smelting). (See also product class 33415.)..	1972.. 1967.. 1963.. 1958..	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)
33397	Other primary nonferrous metals, including magnesium, smelted or refined. (See also product class 33416.).....	1972.. 1967.. 1963.. 1958..	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)
33390	Primary nonferrous metals, n.e.c., n.s.k.....	1972.. 1967.. 1963.. 1958..	16.5 8.3 (X) 0.1	(X) (X) (X) (X)	(X) (X) (X) (X)	(X) (X) (X) (X)
3341-	Secondary nonferrous metals.....	1972.. 1967.. 1963.. 1958..	1,826.1 1,243.3 1,190.3 (NA)	23 (NA) (NA) (NA)	35 (NA) (NA) (NA)	58 (NA) (NA) (NA) (NA)
33412	Secondary copper (pig, ingot, shot, etc.). (See also product class 33312.).....	1972.. 1967.. 1963.. 1958..	⁴ 510.9 ⁴ 364.8 ⁴ 247.2 ⁴ 159.2	39 40 42 45	62 60 62 60	88 84 85 84 100 99+ 99 100
33413	Secondary lead (pig, ingot, shot, etc.). (See also product class 33323.).....	1972.. 1967.. 1963.. 1958..	⁴ 275.8 ⁴ 235.6 ⁴ 201.9 ⁴ 176.1	61 51 55 (D)	75 60 66 64	90 76 82 79 99+ 99+ 95 93
33414	Secondary zinc (pig, ingot, shot, etc.).....	1972.. 1967.. 1963..	⁴ 114.6 ⁴ 53.6 ⁴ 43.4	48 48 50	67 68 68	93 95 91 100 100 99
33415	Precious metals, produced by secondary refineries (pig, ingot, shot, etc.). (See also product class 33395.).....	1972.. 1967.. 1963.. 1958..	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)
33416	Other secondary nonferrous metals. (See also product class 33397.).....	1972.. 1967.. 1963.. 1958..	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)	(² 7) (² 7) (² 7) (² 7)
33417	Aluminum ingot, produced by secondary smelters. (See also product classes 33347 and 33553.).....	1972.. 1967.. 1963..	⁴ 341.0 ⁴ 302.9 ⁴ 238.9	50 44 44	69 64 62	89 88 85 99+ 99+ 99
33418	Aluminum extrusion billet, produced by secondary smelters. (See also product classes 33348 and 33554.).....	1972.. 1967.. 1963..	⁴ 28.7 ⁴ 39.3 ⁴ 13.9	80 72 85	(D) 97 99	100 100 100 (X) (X) (X)
33410	Secondary nonferrous metals, n.s.k.....	1972.. 1967.. 1963.. 1958..	167.7 75.1 24.2 22.2	(X) (X) (X) (X)	(X) (X) (X) (X)	(X) (X) (X) (X) (X) (X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES--Continued				
3351-	Copper rolling and drawing.....1972..	2,812.5	41	60	82	96
	.....1967..	2,216.8	40	61	84	97
	.....1963..	1,544.5	45	65	86	98
	.....1958..	1,034.4	46	66	85	98
33511	Copper and copper-base alloy wire (bare and tinned) for purposes other than electrical transmission.....1972..	140.9	43	70	96	100
	.....1967..	95.6	43	67	95	100
	.....1963..	73.2	50	71	94	100
	.....1958..	47.8	48	72	94	100
33513	Copper and copper-base alloy rod, bar, and shapes.....1972..	1,170.9	52	71	95	100
33514	Copper and copper-base alloy sheet, strip, and plate.....1972..	705.9	64	82	99	100
33515	Copper and copper-base alloy pipe and tube.....1972..	764.0	43	72	94	100
	1967 product class 33512, Rolled, drawn, and extruded copper and copper-base alloy mill products (1972 product classes 33513, 33514, and 33515).....1967..	2,105.1	41	62	85	98
	.....1963..	1,471.4	47	66	87	99
	.....1958..	986.6	47	67	86	99
	.....1954..	1,123.5	52	71	89	(NA)
33510	Copper rolling and drawing, n.s.k.....1972..	30.0	(X)	(X)	(X)	(X)
	.....1967..	16.1	(X)	(X)	(X)	(X)
3353-	Aluminum sheet, plate, and foil ¹²⁸.....1972..	2,227.7	70	86	99	100
33531	Aluminum plate.....1972..	89.4	91	(D)	100	(X)
33532	Aluminum sheet.....1972..	1,902.5	71	88	100	(X)
	1967 product class 33522, Aluminum plate and sheet, including foil stock, (1972 product classes 33531 and 33532).....1967..	1,249.4	78	90	99+	100
	.....1963..	850.5	80	94	99+	100
	.....1958..	646.1	89	94	99	99+
	.....1954..	420.3	93	98	99	(NA)
33533	Plain aluminum foil (1967 product class 33523).....1972..	215.1	70	93	100	(X)
	.....1967..	184.6	80	96	100	(X)
	.....1963..	129.4	77	95	100	(X)
	.....1958..	140.5	80	(D)	(X)	(X)
33534	Aluminum welded tube. (See 1967 product class 33526.).....1972..	34.3	82	100	(X)	(X)
3354-	Aluminum extruded products ¹²⁸.....1972..	1,020.7	36	51	72	89
33541	Extruded aluminum, rod, bar, and other extruded shapes (1967 product class 33525).....1972..	781.4	35	52	74	93
	.....1967..	565.7	45	54	73	92
	.....1963..	397.3	38	47	66	90
	.....1958..	272.1	53	64	79	97
33542	Aluminum extruded and drawn tube.....1972..	212.3	55	73	92	100
	1967 product class 33526, Aluminum tube and other rolled, drawn or extruded mill products (1972 product classes 33534 and 33542).....1967..	172.2	67	78	94	100
	.....1963..	139.2	62	75	90	99+
	.....1958..	89.6	66	82	96	100
33540	Aluminum extruded products, n.s.k.....1972..	26.9	(X)	(X)	(X)	(X)
3355-	Aluminum rolling and drawing, n.e.c. ¹²⁸.....1972..	4524.6	82	(D)	100	(X)
33551	Aluminum and aluminum-base alloy wire (including ACSR) made in aluminum rolling mills (1967 product class 33521). (See also product class 33571.).....1972..	461.1	87	100	(X)	(X)
	.....1967..	475.0	83	(D)	100	(X)
	.....1963..	456.9	87	(D)	100	(X)
33552	Rolled aluminum rod, bar (including continuous cast) and structural shapes (1967 product class 33524).....1972..	295.8	87	99	100	(X)
	.....1967..	257.6	83	98	100	(X)
	.....1963..	145.2	96	(D)	100	(X)
	.....1958..	110.5	93	99	100	(X)
33553	Aluminum ingot, produced in aluminum rolling mills (1967 product class 33527). (See also product classes 33347 and 33417.).....1972..	4121.1	(D)	(D)	(D)	(D)
	.....1967..	455.4	(D)	(D)	100	(X)
	.....1963..	449.0	(D)	99	100	(X)
33554	Aluminum extrusion billet, produced in aluminum rolling mills (1967 product class 33528). (See also product classes 33348 and 33418.)...1972..	446.6	(D)	(D)	(D)	(D)
	.....1967..	430.4	93	(D)	100	(X)
	.....1963..	448.7	88	98	100	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES--Continued				
3356-	Nonferrous rolling and drawing, n.e.c.....1972..	1,091.2	42	55	77	93
	1967..	971.5	47	61	78	95
	1963..	597.4	47	60	77	93
33561	Nickel and nickel-base alloy mill shapes (including monel) ¹²⁹.....1972..	270.4	74	91	100	(X)
33562	Titanium mill shapes ¹²⁹.....1972..	120.4	77	95	100	(X)
33563	Precious metal mill shapes ¹²⁹.....1972..	364.1	88	97	100	(X)
33569	All other nonferrous metal mill shapes (made in industry 3356). (See also product class 33573.) ¹²⁹.....1972..	¹³⁰ 248.8	37	55	80	99
33560	Nonferrous rolling and drawing, n.e.c., n.s.k.....1972..	87.4	48	61	82	96
3357-	Nonferrous wiredrawing and insulating.....1972..	⁴ 4,208.2	40	56	77	91
	1967..	⁴ 3,389.6	38	54	75	91
	1963..	⁴ 2,000.4	42	60	77	90
	1958..	⁴ 1,481.0	38	54	72	89
33571	Aluminum and aluminum-base alloy wire (including ACSR) produced in nonferrous wire drawing plants. (See also product class 33551.)....1972..	⁴ 155.2	64	85	99	100
	1967..	⁴ 176.9	67	92	99+	100
	1963..	⁴ 71.0	80	95	99+	100
	1958..	⁴ 54.0	(D)	94	99	100
33572	Copper and copper-base alloy wire (including strand and cable), bare and tinned, for electrical transmission.....1972..	353.4	56	80	96	100
	1967..	372.8	68	82	96	100
	1963..	245.0	67	81	95	100
	1958..	159.8	65	82	96	100
33573	Other bare nonferrous metal wire, made in nonferrous wiredrawing plants. (See product class 33569.).....1972..	¹³⁰ 59.5	46	71	98	100
	1967..	¹³⁰ 40.5	69	86	99+	100
	1963..	¹³⁰ 33.2	67	83	99	100
33574	Communication wire and cable.....1972..	317.2	73	84	94	99
	1967..	909.1	64	74	88	99
	1963..	581.8	73	80	91	99
	1958..	365.4	74	80	90	99
	1954..	248.4	76	81	91	(NA)
33575	Nonferrous wire cloth and other woven wire products, made in nonferrous wiredrawing plants. (See also product class 34965.)....1972..	⁴ 44.3	57	90	100	(X)
	1967..	⁴ 21.8	60	(D)	100	(X)
	1963..	⁴ 21.2	65	(D)	100	(X)
33576	Appliance wire and cord, and flexible cord sets, produced in establishments which insulate wire and cable. (See also product class 36996.).....1972..	⁴ 266.7	56	76	94	100
	1967..	⁴ 184.2	46	72	95	100
	1963..	⁴ 101.7	37	57	88	(D)
	1958..	⁴ 66.2	37	56	89	99
33577	Magnet wire.....1972..	532.9	62	87	99	100
	1967..	449.6	59	88	99	100
	1963..	258.3	60	84	99	100
	1958..	183.4	52	77	96	100
33578	Power wire and cable.....1972..	490.0	45	65	91	100
	1967..	424.0	47	67	95	100
	1963..	218.8	44	66	93	100
	1958..	194.8	45	68	93	100
33579	Other insulated wire and cable, n.e.c.....1972..	942.2	31	49	77	98
	1967..	745.9	34	54	80	99
	1963..	454.1	35	53	79	97
	1958..	404.5	29	48	78	97
33570	Nonferrous wiredrawing and insulating, n.s.k.....1972..	46.8	(X)	(X)	(X)	(X)
	1967..	50.4	(X)	(X)	(X)	(X)
	1963..	15.4	(X)	(X)	(X)	(X)
	1958..	10.2	(X)	(X)	(X)	(X)
3361-	Aluminum foundries.....1972..	¹²⁵ 1,172.2	22	28	39	53
	1967..	¹²⁵ 885.9	23	30	39	51
	1963..	¹²⁵ 607.0	30	37	45	56
	1958..	¹²⁵ 399.6	19	25	37	51
33611	Aluminum and aluminum-base alloy castings ¹³¹.....1972..	532.6	39	50	67	83
33612	Other aluminum and aluminum-base alloy castings ¹³¹.....1972..	509.7	17	25	39	58
33610	Aluminum foundries, n.s.k.....1972..	129.9	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES--Continued				
33620	Copper and copper-base alloy castings.....1972..	125467.2	14	22	34	52
		1967..125432.3	15	24	38	55
		1963..125299.8	17	25	40	55
		1958..125222.8	18	25	37	51
3369-	Nonferrous foundries, n.e.c.....1972..	125602.2	24	32	46	64
		1967..125551.3	28	37	50	66
		1963..125306.5	20	27	41	59
		1958..125233.2	20	30	46	64
33691	Zinc and zinc-base alloy castings.....1972..	401.7	26	37	55	76
	1967..	323.3	34	43	60	78
33692	Magnesium and magnesium-base alloy castings.....1972..	41.3	44	64	89	100
33693	Other nonferrous castings (excluding zinc and magnesium).....1972..	94.8	68	81	94	99+
	1967 product class 33699, Nonferrous castings, n.e.c. (1972 product classes 33692 and 33693).....1967..	178.5	47	55	74	90
33690	Nonferrous foundries, n.e.c., n.s.k.....1972..	64.3	(X)	(X)	(X)	(X)
		1967..49.5	(X)	(X)	(X)	(X)
33980	Heat treating of metal for the trade (1967 product class 33996) ¹³².....1972..	133462.9	(NA)	(NA)	(NA)	(NA)
		1967..133274.9	(NA)	(NA)	(NA)	(NA)
		1963..133140.3	(NA)	(NA)	(NA)	(NA)
		1958..13385.3	(NA)	(NA)	(NA)	(NA)
3399-	Primary metal products, n.e.c. ¹³².....1972..	432.5	28	42	64	84
33991	Metal powders and paste.....1972..	329.3	31	50	75	93
		1967..227.9	38	57	81	96
		1963..106.8	32	54	80	96
		1958..55.1	39	57	85	99
		1954..70.1	30	45	71	(NA)
33992	Other primary metal products, including nonferrous nails, brads, spikes, and staples.....1972..	96.0	50	63	82	99
		1967..43.1	29	47	78	98
		1963..11.2	40	56	85	100
		1958..2.1	59	90	100	(X)
		MAJOR GROUP 34.--FABRICATED METAL PRODUCTS				
3411-	Metal cans.....1972..	4,224.4	66	79	91	98
		1967..2,585.7	70	82	93	99
		1963..2,002.2	73	84	94	99
		1958..1341,762.3	80	89	97	99
		1954..1341,340.6	80	89	96	(NA)
34111	Steel cans and tinware end products.....1972..	1354,202.3	(NA)	(NA)	(NA)	(NA)
34112	Aluminum cans.....1972..					
34110	Metal cans, n.s.k.....1972..		22.1	(X)	(X)	(X)	(X)
3412-	Metal barrels, drums, and pails (1967 product group 3491-).....1972..	509.4	36	47	68	94
		1967..378.2	37	51	72	93
		1963..317.9	41	55	74	94
		1958..259.0	45	58	79	97
34121	Steel pails (12-gallon capacity and under) (1967 product class 34911).....1972..	153.0	31	51	86	100
		1967..111.6	33	55	86	100
		1963..87.2	35	61	90	100
		1958..80.2	37	64	92	100
		1954..54.8	43	63	93	(NA)
34122	Steel shipping barrels and drums (over 12-gallon capacity) (1967 product class 34912).....1972..	292.1	46	60	86	100
		1967..212.6	47	63	88	100
		1963..191.5	52	67	88	100
		1958..162.4	55	70	91	(D)
		1954..143.9	56	72	93	(NA)
34123	All other metal barrels (1967 product class 34913).....1972..	52.1	54	81	99	100
		1967..45.5	61	78	99	100
		1963..35.9	56	78	96	100
		1958..14.7	50	78	100	(X)
34120	Metal barrels, drums, and pails, n.s.k. (1967 product class 34910)....1972..	12.2	(X)	(X)	(X)	(X)
		1967..8.5	(X)	(X)	(X)	(X)
		1963..3.3	(X)	(X)	(X)	(X)
		1958..1.6	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 34.--FABRICATED METAL PRODUCTS--Continued				
3421-	Cutlery.....1972..	403.7	52	63	78	94
	1967..	308.9	60	70	82	94
	1963..	254.3	66	74	83	94
	1958..	162.2	54	64	77	91
	1954..	153.3	48	57	73	(NA)
34211	Cutlery, scissors, shears, trimmers, and snips.....1972..	183.2	29	44	69	94
	1967..	121.0	30	44	71	94
	1963..	90.5	29	42	66	90
	1958..	77.3	30	41	65	89
	1954..	85.4	24	36	60	(NA)
34212	Razor blades and razors, except electric.....1972..	207.2	97	99	100	(X)
	1967..	177.1	(D)	(D)	100	(X)
	1963..	159.4	(D)	(D)	100	(X)
	1958..	80.7	(D)	(D)	100	(X)
	1954..	67.8	97	99	100	(X)
34210	Cutlery, n.s.k.....1972..	13.4	(X)	(X)	(X)	(X)
	1967..	10.8	(X)	(X)	(X)	(X)
	1963..	4.4	(X)	(X)	(X)	(X)
	1958..	4.1	(X)	(X)	(X)	(X)
3423-	Hand and edge tools, n.e.c.....1972..	1,110.6	21	35	53	71
	1967..	775.1	15	28	48	67
	1963..	536.1	17	29	47	65
	1958..	434.2	17	29	42	59
34231	Mechanics' hand service tools.....1972..	597.8	33	44	65	86
	1967..	391.5	26	40	63	84
	1963..	252.4	27	40	60	80
	1958..	188.5	25	35	53	76
	1954..	168.8	25	37	57	(NA)
34232	Edge tools, hand operated.....1972..	160.1	33	50	70	89
	1967..	127.8	25	37	59	81
	1963..	106.2	27	39	61	81
	1958..	90.6	20	32	52	72
	1954..	73.7	18	32	53	(NA)
34233	Files, rasps, and file accessories and other handtools.....1972..	274.7	48	66	80	92
	1967..	190.5	41	62	79	93
	1963..	156.0	39	57	74	89
	1958..	142.0	39	56	72	87
34230	Hand and edge tools, n.e.c., n.s.k.....1972..	77.9	(X)	(X)	(X)	(X)
	1967..	65.3	(X)	(X)	(X)	(X)
	1963..	21.4	(X)	(X)	(X)	(X)
	1958..	13.1	(X)	(X)	(X)	(X)
34250	Handsaws, saw blades, and saw accessories.....1972..	205.5	38	58	81	95
	1967..	138.0	41	58	81	96
	1963..	85.0	40	59	85	98
	1958..	75.6	43	61	85	97
	1954..	64.5	44	60	84	(NA)
3429-	Hardware, n.e.c.....1972..	3,095.6	35	42	55	70
	1967..	2,188.2	36	43	55	67
	1963..	1,622.9	37	43	54	67
	1958..	1,224.1	29	35	47	61
	1954..	1,053.7	33	40	51	(NA)
34292	Furniture hardware.....1972..	205.0	38	54	79	97
	1967..	120.9	48	65	82	97
	1963..	95.3	45	60	77	93
	1958..	77.4	43	61	80	93
	1954..	60.2	54	76	89	(NA)
34293	Vacuum and insulated bottles, jugs, and chests.....1972..	85.4	93	98	100	(X)
	1967..	55.9	89	95	100	(X)
	1963..	48.0	80	93	100	(X)
	1958..	41.1	79	94	100	(X)
	1954..	27.9	83	98	100	(X)
34294	Builders' hardware.....1972..	928.4	29	44	63	82
	1967..	593.4	34	45	62	80
	1963..	465.8	26	39	58	77
	1958..	387.1	24	38	56	75
	1954..	323.5	24	36	54	(NA)
34296	Motor vehicle hardware.....1972..	1,180.3	(D)	89	95	99+

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 34.--FABRICATED METAL PRODUCTS--Continued				
3429-	Hardware, n.e.c.--Continued					
34297	Other transportation equipment hardware, except motor vehicle hardware.....1972..	175.6	27	40	63	86
	1967 product class 34291, Transportation equipment hardware (1972 product classes 34296 and 34297).....1967..	985.1	(D)	76	85	94
	.....1963..	778.5	(D)	77	85	94
	.....1958..	472.2	62	69	81	94
	.....1954..	441.0	71	77	87	(NA)
34298	Other hardware, n.e.c. (1967 product class 34295).....1972..	392.2	23	33	52	74
	.....1967..	335.7	18	28	47	69
	.....1963..	237.2	13	21	39	63
	.....1958..	215.2	15	24	39	62
	.....1954..	191.3	14	24	41	(NA)
34290	Hardware, n.e.c., n.s.k.....1972..	128.4	(X)	(X)	(X)	(X)
	.....1967..	97.2	(X)	(X)	(X)	(X)
	.....1963..	38.1	(X)	(X)	(X)	(X)
	.....1958..	31.1	(X)	(X)	(X)	(X)
34310	Metal plumbing fixtures.....1972..	311.5	45	62	81	97
	.....1967..	213.1	43	59	80	95
	.....1963..	203.3	46	63	86	97
	.....1958..	180.0	53	70	90	97
	.....1954..	207.2	52	75	91	(NA)
34320	Plumbing fixture fittings and trim (brass goods).....1972..	676.6	23	39	61	85
	.....1967..	404.6	27	40	62	84
	.....1963..	329.6	27	37	55	77
	.....1958..	259.5	30	41	57	78
3433-	Heating equipment, except electric ¹³⁶.....1972..	904.6	16	25	43	65
34333	Cast-iron heating boilers, radiators, and convectors, except parts.....1972..	156.6	49	69	96	100
	.....1967..	133.4	46	64	90	99+
	.....1963..	138.9	43	59	84	99
	.....1958..	121.5	47	61	85	(NA)
34334	Domestic heating stoves (except electric), except parts.....1972..	70.4	38	58	79	100
	.....1967..	50.1	41	64	96	100
	.....1963..	79.1	35	57	85	99+
	.....1958..	69.8	34	51	79	98
	.....1954..	70.1	30	45	71	(NA)
34335	Steel heating boilers (15 p.s.i. and under), except parts.....1972..	68.7	45	63	88	100
	.....1967..	67.0	44	61	86	100
	.....1963..	70.3	37	53	79	99
	.....1958..	62.8	40	56	79	99
	.....1954..	53.2	33	51	72	(NA)
34337	Other heating equipment, except electric (1967 product classes 34331 and 34336) ¹³⁷.....1972..	541.6	25	34	53	74
	1967 product class 34331, Oil burners, residential and industrial (sold separately), except parts.....1967..	35.2	36	54	82	99
	.....1963..	42.0	30	50	78	97
	.....1958..	46.6	31	49	74	94
	1967 product class 34336, Other heating equipment, except electric, including parts for nonelectric heating equipment.....1967..	379.7	27	36	53	74
	.....1963..	317.3	18	27	42	63
	.....1958..	268.0	23	33	51	68
34330	Heating equipment, except electric, n.s.k.....1972..	67.3	(X)	(X)	(X)	(X)
	.....1967..	73.6	(X)	(X)	(X)	(X)
	.....1963..	41.2	(X)	(X)	(X)	(X)
	.....1958..	35.7	(X)	(X)	(X)	(X)
3441-	Fabricated structural metal.....1972..	3,304.4	11	15	23	35
	.....1967..	2,561.5	15	19	27	38
	.....1963..	1,604.0	17	21	29	40
	.....1958..	1,602.1	22	26	34	46
34411	Fabricated structural metal for buildings.....1972..	1,934.7	11	17	27	42
	.....1967..	1,430.3	13	18	27	40
	.....1963..	984.0	13	18	26	39
	.....1958..	930.4	19	23	33	46
34412	Fabricated structural metal for bridges.....1972..	391.2	29	41	60	82
	.....1967..	312.2	32	42	60	80
	.....1963..	224.9	40	47	60	79
	.....1958..	279.6	45	52	65	83

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 34.--FABRICATED METAL PRODUCTS--Continued				
3441-	Fabricated structural metal--Continued					
34413	Other fabricated structural metal.....1972..	597.6	19	28	44	65
	.....1967..	550.6	28	38	54	70
	.....1963..	287.2	28	38	51	69
	.....1958..	262.0	31	40	56	74
34410	Fabricated structural metal, n.s.k.....1972..	380.9	(X)	(X)	(X)	(X)
	.....1967..	268.4	(X)	(X)	(X)	(X)
	.....1963..	107.8	(X)	(X)	(X)	(X)
	.....1958..	130.1	(X)	(X)	(X)	(X)
3442-	Metal doors, sash, and trim.....1972..	1,901.3	11	17	30	47
	.....1967..	1,301.5	9	14	24	39
	.....1963..	1,106.7	7	12	20	34
	.....1958..	951.9	8	13	23	38
34421	Metal doors and frames (except storm doors).....1972..	687.1	16	27	44	65
	.....1967..	345.7	15	23	40	62
	.....1963..	289.6	13	20	36	60
	.....1958..	192.4	16	25	43	63
	.....1954..	149.8	20	31	47	(NA)
34422	Metal window sash and frames (except storm sash).....1972..	511.2	22	32	50	72
	.....1967..	257.5	22	30	47	67
	.....1963..	308.8	14	23	40	62
	.....1958..	285.3	20	33	56	78
	.....1954..	206.2	26	38	61	(NA)
34423	Metal molding and trim and store fronts.....1972..	146.9	26	42	73	96
	.....1967..	145.0	41	55	80	97
	.....1963..	116.8	38	51	72	91
	.....1958..	97.3	31	44	66	88
	.....1954..	68.1	32	48	66	(NA)
34424	Metal combination screen and storm sash and doors.....1972..	228.0	24	33	49	68
	.....1967..	198.2	17	29	48	68
	.....1963..	221.4	15	23	37	55
	.....1958..	231.5	11	19	36	52
	.....1954..	169.8	12	20	36	(NA)
34425	Metal window and door screens (except combination), and metal weatherstrip.....1972..	95.4	39	52	72	92
	.....1967..	61.5	33	47	68	89
	.....1963..	56.7	23	34	54	77
	.....1958..	64.6	20	30	51	77
34420	Metal doors, sash, and trim, n.s.k.....1972..	232.6	(X)	(X)	(X)	(X)
	.....1967..	293.3	(X)	(X)	(X)	(X)
	.....1963..	113.5	(X)	(X)	(X)	(X)
	.....1958..	80.6	(X)	(X)	(X)	(X)
3443-	Fabricated platework (boiler shops).....1972..	3,264.3	27	34	45	57
	.....1967..	2,589.4	26	32	44	56
	.....1963..	1,580.8	23	30	43	56
	.....1958..	1,614.0	29	38	50	64
34431	Heat exchangers and steam condensers.....1972..	447.1	31	46	72	90
	.....1967..	343.5	26	38	64	91
	.....1963..	160.5	24	38	66	91
	.....1958..	187.2	29	47	74	92
34432	Fabricated steel plate, including stacks and weldments.....1972..	616.0	17	25	38	56
	.....1967..	517.9	24	35	48	62
	.....1963..	374.2	27	38	52	64
34433	Steel power boilers, parts, and attachments (over 15 p.s.i. steam working pressure).....1972..	728.5	83	90	96	99
	.....1967..	521.7	77	89	96	99
	.....1963..	340.7	79	88	96	99
	.....1958..	409.5	86	92	97	99
	.....1954..	264.8	78	86	94	(NA)
34434	Gas cylinders.....1972..	93.4	54	80	99	100
	.....1967..	72.2	59	80	99	100
	.....1963..	46.3	62	79	96	100
34435	Metal tanks, complete at factory (standard line, pressure).....1972..	174.9	34	47	71	93
	.....1967..	120.2	35	48	69	90
	.....1963..	104.4	22	34	56	81
34437	Metal tanks, complete at factory (standard line, nonpressure).....1972..	255.0	13	21	37	60
	.....1967..	177.3	14	24	41	61
	.....1963..	145.6	17	25	37	54

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ -			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 34.--FABRICATED METAL PRODUCTS--Continued				
3443-	Fabricated platework (boiler shops)--Continued					
34438	Metal tanks and vessels, custom fabricated at the factory.....1972..	380.3	22	35	53	71
	1967..	464.8	33	47	65	80
	1963..	197.1	24	37	52	72
34439	Metal tanks and vessels, custom fabricated and field erected.....1972..	369.4	58	72	86	96
	1967..	176.1	47	57	73	90
	1963..	123.3	71	78	88	97
34430	Fabricated platework (boiler shops), n.s.k.....1972..	199.8	(X)	(X)	(X)	(X)
	1967..	195.7	(X)	(X)	(X)	(X)
	1963..	88.6	(X)	(X)	(X)	(X)
	1958..	70.1	(X)	(X)	(X)	(X)
3444-	Sheet metalwork.....1972..	2,650.0	11	17	26	38
	1967..	1,687.1	9	15	22	34
	1963..	1,324.7	10	15	23	33
	1958..	1,008.5	12	16	24	34
	1954..	727.6	17	24	31	(NA)
34442	Culverts, flumes, and irrigation pipes.....1972..	241.8	43	56	72	89
	1967..	169.9	38	49	70	90
	1963..	137.5	43	54	72	89
	1958..	126.9	57	66	78	93
34444	Metal roofing and roof drainage equipment.....1972..	422.3	34	46	69	90
34445	Metal flooring and siding.....1972..	301.8	38	58	83	97
	1967 product class 34441, Sheet metal roofing and siding, and roof drainage equipment (1972 product classes 34444 and 34445).....1967..	408.5	32	46	68	85
	1963..	306.2	33	48	70	86
	1958..	185.8	30	47	68	87
34446	Other sheet metalwork (1967 product class 34443).....1972..	1,187.9	6	10	21	37
	1967..	722.9	6	11	23	40
	1963..	731.8	5	8	15	28
	1958..	485.9	6	10	19	31
34440	Sheet metalwork, n.s.k.....1972..	496.2	(X)	(X)	(X)	(X)
	1967..	385.7	(X)	(X)	(X)	(X)
	1963..	149.2	(X)	(X)	(X)	(X)
	1958..	209.9	(X)	(X)	(X)	(X)
34460	Architectural and ornamental metalwork (except curtain wall and other exterior panels).....1972..	589.4	11	17	28	42
	1967..	504.9	18	27	40	55
	1963..	306.2	7	13	24	40
	1958..	332.9	8	12	23	37
3448-	Prefabricated metal buildings ¹³⁸.....1972..	584.9	32	50	69	86
34481	Prefabricated metal industrial and commercial buildings.....1972..	265.0	55	68	90	99
34482	Other prefabricated and portable metal buildings and parts.....1972..	311.4	34	50	71	89
	1967 product class 34492, Prefabricated and portable metal buildings and parts (1972 product classes 34481 and 34482).....1967..	378.0	31	44	65	87
	1963..	224.5	37	48	65	84
	1958..	195.1	43	55	72	90
	1954..	116.0	40	53	73	(NA)
34480	Prefabricated metal buildings, n.s.k.....1972..	8.4	(X)	(X)	(X)	(X)
3449-	Miscellaneous metalwork ¹³⁸.....1972..	992.4	27	38	54	72
34494	Fabricated concrete reinforcing bar and bar joists.....1972..	583.3	45	57	75	91
34495	Other miscellaneous metal building materials and curtain wall.....1972..	273.4	33	48	71	91
	1967 product class 34493, Miscellaneous metal building materials and curtain wall (1972 product classes 34494 and 34495).....1967..	615.9	32	43	62	80
	1963..	506.5	31	41	57	76
	1958..	407.5	28	38	57	76
	1954..	240.4	35	47	63	(NA)
34490	Miscellaneous metalwork, n.s.k.....1972..	135.7	(X)	(X)	(X)	(X)
	1967..	122.6	(X)	(X)	(X)	(X)
	1963..	62.3	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²					
		Total (million dollars)	Percent accounted for by ³ —				
			4 largest companies	8 largest companies	20 largest companies	50 largest companies	
		MAJOR GROUP 34.—FABRICATED METAL PRODUCTS--Continued					
3451-	Screw machine products.....1972.. 1967.. 1963.. 1958.. 1954..	1,083.9	5	8	15	26	
		1,036.1	6	9	16	28	
		599.5	6	9	16	27	
		428.8	7	10	18	29	
		424.8	12	17	25	(NA)	
34511	Automotive screw machine products ¹³⁹.....1972..	245.7	20	28	42	63	
34512	Other screw machine products ¹³⁹.....1972..	638.8	4	8	17	31	
34510	Screw machine products, n.s.k.....1972..	199.5	(X)	(X)	(X)	(X)	
3452-	Bolts, nuts, rivets, and washers.....1972.. 1967.. 1963.. 1958.. 1954..	1,972.3	15	25	42	66	
		1,613.1	17	26	45	67	
		1,175.2	17	27	47	67	
		859.4	17	28	46	66	
		706.4	16	26	45	(NA)	
34524	Externally threaded fasteners, except aircraft.....1972..	969.6	19	31	53	77	
34525	Internally threaded fasteners, except aircraft.....1972..	247.9	29	44	72	96	
34526	Nonthreaded fasteners, except aircraft.....1972..	351.8	24	43	67	89	
34527	Aircraft aerospace fasteners.....1972.. 1967 product class 34521, Bolts, nuts, and other standard industrial fasteners.....1967.. 1963.. 1958.. 1954.. 1967 product class 34522, Special industrial fasteners.....1967.. 1963.. (1967 product classes 34521 and 34522 were reclassified as product classes 34524, 34525, 34526, and 34527 in 1972) Other formed parts (1967 product class 34523).....1972.. 1967.. 1963.. Bolts, nuts, rivets, and washers, n.s.k.....1972.. 1967.. 1963.. 1958..	157.7	49	75	92	99+	
		983.9	18	30	50	72	
		843.0	19	30	51	72	
		669.6	19	30	48	70	
		568.7	19	30	48	(NA)	
		361.5	25	42	74	94	
		241.5	23	40	70	92	
		136.3	31	51	72	91	
		195.9	32	51	72	90	
76.7	38	50	71	93			
109.0	(X)	(X)	(X)	(X)			
71.8	(X)	(X)	(X)	(X)			
14.5	(X)	(X)	(X)	(X)			
10.5	(X)	(X)	(X)	(X)			
3462-	Iron and steel forgings (1967 product group 3391-).....1972.. 1967.. 1963.. 1958.. ¹²⁵ 1,572.6 ¹²⁵ 1,550.7 ¹²⁵ 954.9 ¹²⁵ 663.2		30	41	57	77	
			26	37	53	73	
			28	39	55	75	
			14	40	61	87	
34621	Drop, upset and press steel forgings (closed die) (1967 product class 33911).....1972.. 1967.. 1963.. 1958.. 1954..	1,275.1	31	44	62	85	
		1,048.5	28	39	59	83	
		764.8	32	42	60	84	
		535.3	27	37	58	60	
		513.9	25	38	61	(NA)	
34629	Open-die or Smith forgings (open frame, hammer, or press) (1967 product class 33912). (See also product class 33129.).....1972.. 1967.. 1963.. 1958..	⁴ 258.5	39	51	76	96	
		⁴ 254.3	28	39	64	92	
		⁴ 173.7	34	45	65	90	
		⁴ 115.2	25	37	61	85	
34620	Iron and steel forgings, n.s.k. (1967 product class 33910).....1972.. 1967.. 1963.. 1958..	39.0	(X)	(X)	(X)	(X)	
		39.3	(X)	(X)	(X)	(X)	
		16.4	(X)	(X)	(X)	(X)	
		12.7	(X)	(X)	(X)	(X)	
3463-	Nonferrous forgings (1967 product group 3392-).....1972.. 1967.. 1963.. 1958.. 1954..	280.7	51	69	87	99	
		348.1	54	73	89	99	
		198.4	56	78	91	99	
		132.0	70	82	95	99+	
		112.4	63	76	93	(NA)	
34631	Aluminum and aluminum-base alloy forgings ¹⁴⁰.....1972..	136.7	76	84	97	100	
34632	Other nonferrous forgings (except aluminum) ¹⁴⁰.....1972..	139.0	53	72	94	100	
34630	Nonferrous forgings, n.s.k.....1972..	5.0	(X)	(X)	(X)	(X)	
34650	Job stampings, automotive (1967 product class 34613) ¹⁴¹.....1972.. 1967.. 1963.. ⁽¹⁴²⁾ 2,548.0	5,150.4	70	73	79	(D)	
		3,178.2	69	73	80	87	
			⁽¹⁴²⁾	⁽¹⁴²⁾	⁽¹⁴²⁾	⁽¹⁴²⁾	

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 34.—FABRICATED METAL PRODUCTS—Continued				
3466-	Crowns and closures ¹⁴¹.....1972..	345.3	48	64	88	99+
34661	Metal commercial closures and metal home canning closures (except crowns) (1967 product class 34616).....1972..	277.1	56	72	92	100
	.....1967..	204.6	54	73	95	100
	.....1963..	147.9	60	76	97	100
	.....1958..	131.1	58	78	96	100
	.....1954..	94.9	59	77	96	(NA)
34662	Metal crowns (1967 product class 34617).....1972..	68.2	62	96	100	(X)
	.....1967..	85.4	76	93	100	(X)
	.....1963..	82.0	84	98	100	(X)
	.....1958..	80.8	74	97	100	(X)
	.....1954..	78.4	81	98	100	(X)
3469-	Metal stampings, n.e.c. ¹⁴¹.....1972..	2,571.1	8	13	21	34
34692	Job stampings, except automotive (1967 product class 34612).....1972..	1,274.5	11	17	27	41
	.....1967..	1,076.9	9	15	25	40
	.....1963..	756.7	9	13	22	36
	.....1958..	576.2	8	14	25	41
	.....1954..	510.4	8	14	25	(NA)
34694	Stamped and spun utensils, cooking and kitchen, aluminum (1967 product class 34614).....1972..	205.1	56	84	96	99+
	.....1967..	148.2	69	87	96	99+
	.....1963..	95.7	71	88	97	99+
	.....1958..	110.7	79	89	97	99
34695	Stamped and spun utensils, cooking and kitchen, except aluminum (1967 product class 34615).....1972..	184.4	51	76	94	99
	.....1967..	141.6	44	66	84	96
	.....1963..	134.3	43	60	82	95
	.....1958..	113.5	48	63	81	95
34699	Other stamped and pressed metal end products (1967 product classes 34611 and 34618).....1972..	573.4	9	15	27	48
	1967 product class 34611, Vitreous enamelled products.....1967..	66.9	40	60	88	99+
	.....1963..	70.1	35	53	84	99+
	.....1958..	72.5	28	42	73	96
	1967 product class 34618, Other stamped and pressed metal end products.....1967..	377.3	12	20	35	56
	.....1963..	250.7	12	21	39	61
	.....1958..	223.3	12	20	35	58
34690	Metal stampings, n.e.c., n.s.k.....1972..	333.7	(X)	(X)	(X)	(X)
	.....1967..	246.1	(X)	(X)	(X)	(X)
	.....1963..	98.1	(X)	(X)	(X)	(X)
	.....1958..	89.0	(X)	(X)	(X)	(X)
34710	Electroplating, plating, and polishing.....1972..	¹³³ 1,008.9	(NA)	(NA)	(NA)	(NA)
	.....1967..	¹³³ 756.1	(NA)	(NA)	(NA)	(NA)
	.....1963..	¹³³ 501.9	(NA)	(NA)	(NA)	(NA)
	.....1958..	¹³³ 349.7	(NA)	(NA)	(NA)	(NA)
34790	Coating, engraving, and allied services, n.e.c.....1972..	¹³³ 637.1	(NA)	(NA)	(NA)	(NA)
	.....1967..	¹³³ 404.3	(NA)	(NA)	(NA)	(NA)
	.....1963..	¹³³ 286.5	(NA)	(NA)	(NA)	(NA)
	.....1958..	¹³³ 184.0	(NA)	(NA)	(NA)	(NA)
34820	Small arms ammunition, 30mm. and under (or 1.18 inches and under) (1967 product class 19610) ¹⁴³.....1972..	422.6	88	94	98	99+
3483-	Ammunition, except for small arms, n.e.c. (1967 product group 1929-) ¹⁴³.....1972..	1,304.9	39	57	80	97
34831	Artillery ammunition over 30mm. (or over 1.18 inches) (1967 product class 19291).....1972..	766.0	(NA)	(NA)	(NA)	(NA)
34832	Receipts for ammunition loading and assembly over 30mm. (1967 product class 19292).....1972..					
34833	Ammunition, except for small arms, n.e.c. (1967 product class 19293)....1972..	535.2	51	68	92	100
34830	Ammunition, except for small arms, n.e.c., n.s.k. (1967 product class 19290).....1972..	3.9	(X)	(X)	(X)	(X)
3484-	Small arms (1967 product group 1951-) ¹⁴³.....1972..	334.2	54	74	95	99
34841	Machine guns, 30mm. and under (or 1.18 inches and under) (1967 product class 19511).....1972..	25.8	(D)	(D)	(D)	(D)
34842	Small arms, 30mm. and under (or 1.18 inches and under) (1967 product class 19512).....1972..	300.4	1	2	4	(D)
34840	Small arms, n.s.k. (1967 product class 19510).....1972..	8.1	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 34.--FABRICATED METAL PRODUCTS--Continued				
3489-	Ordnance and accessories, n.e.c. (1967 product groups 1911- and 1999-) ¹⁴³.....1972..	458.1	40	56	78	95
34891	Guns, howitzers mortars, and related equipment, over 33mm. (or over 1.18 inches) (1967 product class 19110).....1972..	44.3	93	98	99	100
34892	Ordnance and accessories, n.e.c. (1967 product class 19990).....1972..	406.8	44	58	81	97
34890	Ordnance and accessories, n.e.c., n.s.k.....1972..	7.0	(X)	(X)	(X)	(X)
3493-	Steel springs, except wire.....1972..	361.9	39	58	78	94
	.....1967..	264.0	34	50	75	92
	.....1963..	205.2	43	67	85	96
	.....1958..	133.1	44	64	83	95
	.....1954..	129.6	43	67	86	(NA)
34931	Hot formed springs ¹⁴⁴.....1972..	279.2	49	69	91	(D)
34932	Cold formed springs ¹⁴⁴.....1972..	56.9	61	75	92	99+
34930	Steel springs, except wire, n.s.k.....1972..	25.8	(X)	(X)	(X)	(X)
3494-	Valves and pipe fittings.....1972..	2,879.8	11	20	37	59
	.....1967..	2,102.8	11	21	38	59
	.....1963..	1,525.4	13	22	37	58
	.....1958..	1,193.0	17	24	41	59
34941	Automatic regulating and control valves.....1972..	535.8	29	41	60	82
	.....1967..	312.3	44	57	75	92
34942	Valves for power transfer (pneumatic and hydraulic).....1972..	316.9	27	44	71	93
	.....1967..	229.5	34	45	67	92
34943	Other metal valves for piping systems and equipment (except plumbing and heating valves).....1972..	1,002.2	24	38	61	83
	.....1967..	820.3	26	39	61	83
34944	Plumbing and heating valves and specialties (except plumbers' brass goods).....1972..	139.3	31	46	77	98
	.....1967..	101.2	33	48	71	94
34945	Metal fittings, flanges, and unions for piping systems.....1972..	599.3	27	46	70	91
	.....1967..	484.7	35	52	77	94
34946	Fittings and assemblies for tubing and hose (except plumbers' brass goods).....1972..	193.4	60	77	93	99+
	.....1967..	55.1	77	86	99	100
34940	Valves and pipe fittings, n.s.k.....1972..	92.9	(X)	(X)	(X)	(X)
	.....1967..	99.9	(X)	(X)	(X)	(X)
3495-	Wire springs ¹⁴⁵.....1972..	567.3	26	37	57	78
34952	Precision mechanical springs (1967 product class 34812).....1972..	250.4	22	35	57	78
	.....1967..	211.0	29	41	61	81
	.....1963..	150.0	35	46	71	91
	.....1958..	109.0	35	46	65	87
34953	Other wire springs (1967 product class 34813).....1972..	313.1	40	60	84	97
	.....1967..	254.1	36	53	73	90
	.....1963..	239.5	36	54	69	86
	.....1958..	187.8	36	52	69	87
34950	Wire springs, n.s.k.....1972..	3.6	(X)	(X)	(X)	(X)
3496-	Miscellaneous fabricated wire products ¹⁴⁵.....1972..	943.4	8	14	26	42
34961	Noninsulated ferrous wire rope, cable, etc. (1967 product class 34811).....1972..	496.4	36	50	73	93
	.....1967..	481.8	57	78	96	100
	.....1963..	488.6	55	74	94	100
	.....1958..	469.3	58	77	97	100
34964	Ferrous wire cloth and other ferrous woven wire products (1967 product class 34814).....1972..	475.3	38	53	78	99
	.....1967..	51.0	49	64	89	99
	.....1963..	48.0	37	54	79	96
34965	Nonferrous wire cloth and other woven wire products (1967 product class 34815).....1972..	449.6	54	76	93	100
	.....1967..	53.8	50	68	92	100
	.....1963..	48.8	45	65	90	99+
34966	Fencing and fence gates (1967 product class 34816).....1972..	473.5	61	75	90	99+
	.....1967..	51.2	54	68	80	98
	.....1963..	57.2	56	65	83	96
	.....1958..	55.3	52	62	78	93

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 34.--FABRICATED METAL PRODUCTS--Continued				
3496-	Miscellaneous fabricated wire products--Continued					
34969	Other fabricated wire products (1967 product class 34819).....1972..	457.5	12	22	37	57
	1967..	373.7	14	21	37	56
	1963..	320.0	13	19	34	54
	1958..	262.5	13	19	32	50
34960	Miscellaneous fabricated wire products, n.s.k. (1967 product class 34810).....1972..	191.2	(X)	(X)	(X)	(X)
	1967..	143.9	(X)	(X)	(X)	(X)
	1963..	60.0	(X)	(X)	(X)	(X)
	1958..	38.1	(X)	(X)	(X)	(X)
3497-	Metal foil and leaf.....1972..	497.2	41	57	78	96
	1967..	385.6	42	58	78	95
	1963..	308.7	50	67	85	87
	1958..	145.5	42	59	80	95
34971	Converted unmounted aluminum foil packaging products, not laminated to other materials ¹⁴⁶.....1972..	194.1	81	95	100	(X)
34972	Laminated aluminum foil roll and sheets for flexible packaging uses ¹⁴⁶.....1972..	218.8	33	53	83	99
34973	Converted aluminum foil for nonpackaging applications and foil and leaf ¹⁴⁶.....1972..	61.2	55	81	100	(X)
34970	Metal foil and leaf, n.s.k.....1972..	23.0	(X)	(X)	(X)	(X)
34980	Fabricated pipe and fittings.....1972..	670.4	19	30	50	70
	1967..	486.3	15	25	44	67
	1963..	286.5	14	26	44	66
	1958..	265.4	19	30	49	70
	1954..	214.1	21	33	53	(NA)
3499-	Fabricated metal products, n.e.c. ¹⁴⁷.....1972..	2,149.8	16	24	34	46
34991	Safes and vaults (1967 product class 34920).....1972..	147.2	89	95	99	(X)
	1967..	79.5	(D)	92	99	100
	1963..	59.3	(D)	91	98	100
	1958..	45.1	87	92	99	100
	1954..	34.0	86	93	99	(NA)
34992	Collapsible tubes (1967 product class 34960).....1972..	49.3	70	96	100	(X)
	1967..	50.9	57	91	100	(X)
	1963..	44.2	55	90	100	(X)
	1958..	37.2	53	85	100	(X)
	1954..	34.1	50	82	100	(X)
34993	Flat metal strapping.....1972..	167.8	85	97	99+	100
34994	All other fabricated metal products, except flat metal strapping, n.e.c.....1972..	1,403.0	18	25	35	51
34990	Fabricated metal products, n.e.c., n.s.k.....1972..	382.6	(X)	(X)	(X)	(X)
	1967 product class 34990, Fabricated metal products, n.e.c. (1972 product classes 34993, 34994, and 34990).....1967..	1,172.9	16	24	35	50
	1963..	753.4	16	22	32	46
	1958..	443.7	23	30	42	54
	1954..	364.8	21	29	40	(NA)
		MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL				
3511-	Turbines and turbine generator sets.....1972..	2,079.7	(D)	93	98	100
	1967..	1,059.3	78	91	99	99+
	1963..	589.1	83	92	99	100
	1958..	754.0	86	94	99	100
35111	Steam, gas, and hydraulic turbine generator set units and parts.....1972..	1,521.6	(D)	(D)	100	100
	1967..	714.5	95	99	100	(X)
	1963..	(D)	(D)	(D)	100	(X)
	1958..	489.5	99	(D)	100	(X)
	1954..	317.3	97	100	(X)	(X)
35112	Steam, gas, and hydraulic turbines and parts.....1972..	541.5	73	87	98	100
	1967..	344.7	63	81	98	100
	1963..	(D)	(D)	(D)	100	100
	1958..	264.5	65	83	98	100
35110	Turbines and turbine generator sets, n.s.k.....1972..	16.6	(X)	(X)	(X)	(X)
3519-	Internal combustion engines, n.e.c.....1972..	3,353.4	48	69	89	97
	1967..	2,187.6	45	64	86	98
	1963..	1,423.9	46	66	86	98
	1958..	1,132.0	45	63	86	98
35191	Gasoline engines, under 11 horsepower, except aircraft, automobile, truck, bus, and tank ¹⁶.....1972..	326.8	(D)	100	100	100
	1967..	215.5	90	99+	100	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued				
3519-	Internal combustion engines, n.e.c.--Continued					
35192	Gasoline engines, 11 horsepower and over, except aircraft, automobile, truck, bus, and tank ¹⁶.....1972..	164.0	59	81	99	100
	.....1967..	171.4	50	76	99+	100
35193	Diesel engines, except for trucks and buses ¹⁶.....1972..	604.0	80	89	100	100
	.....1967..	447.9	81	94	100	(X)
35194	Diesel engines for trucks and buses ¹⁶.....1972..	634.6	96	100	(D)	(X)
	.....1967..	233.2	97	100	(X)	(X)
35195	Outboard motors and tank and converted internal combustion engines ¹⁶.....1972..	425.9	85	97	100	100
35197	1967..	267.1	74	89	100	(X)
35196	Gas engines (except gas turbines).....1972..	35.2	77	94	100	(X)
	.....1967..	22.6	91	99+	100	(X)
	.....1963..	22.1	62	94	100	(X)
	.....1958..	17.7	68	94	100	(X)
35199	Parts and accessories for internal combustion engines.....1972..	1,144.9	51	65	85	98
	.....1967..	816.0	45	64	85	99
	.....1963..	480.6	45	59	83	98
	.....1958..	379.4	47	63	86	98
	.....1954..	289.9	39	63	82	(NA)
35190	Internal combustion engines, n.e.c., n.s.k.....1972..	18.0	(X)	(X)	(X)	(X)
	.....1967..	13.9	(X)	(X)	(X)	(X)
	.....1963..	2.9	(X)	(X)	(X)	(X)
	.....1958..	1.3	(X)	(X)	(X)	(X)
3523-	Farm machinery and equipment (1967 industry 3522, part) ¹⁴⁸.....1972..	4,143.5	46	59	67	75
	1967 industry 3522, Farm machinery (1972 industries 3523 and 3524)....1967..	4,077.3	45	56	67	76
	.....1963..	2,542.1	42	55	65	75
	.....1958..	2,172.9	44	58	68	77
35231	Wheel tractors and attachments (except contractors' off-highway type, garden tractors, and motor tillers) (1967 product class 35221) ¹⁴⁹....1972..	1,215.2	81	98	100	100
	.....1967..	1,040.2	75	98	99+	100
	.....1963..	808.4	72	95	98	99+
	.....1958..	687.1	72	96	99	99+
35232	Farm dairy machines, sprayers, and dusters, farm elevators, and farm blowers (1967 product class 35222, part) ¹⁵⁰.....1972..	157.8	27	39	60	86
	1967 product class 35222, Farm dairy machines, sprayers and dusters, farm elevators, farm blowers, garden tractors, and motor tillers (1972 product classes 35232 and 35242) ^{16 149 150}.....1967..	339.8	34	53	74	89
35233	Planting, seeding, and fertilizing machinery (1967 product class 35223) ¹⁴⁹.....1972..	172.0	43	56	76	93
	.....1967..	183.0	48	58	74	90
	.....1963..	115.7	48	61	80	93
	.....1958..	96.0	63	76	89	97
	.....1954..	93.6	52	66	80	(NA)
35234	Harrows, rollers, pulverizers, stalk cutters, and similar equipment (1967 product class 35224, part).....1972..	191.8	36	51	74	92
35235	Harvesting machinery (1967 product class 35225) ¹⁴⁹.....1972..	580.4	71	81	92	98
	.....1967..	580.7	67	82	91	98
	.....1963..	395.3	69	80	91	98
	.....1958..	321.4	70	81	92	98
	.....1954..	252.6	66	82	94	(NA)
35236	Haying machinery (1967 product class 35226) ¹⁴⁹.....1972..	184.1	82	89	97	100
	.....1967..	148.8	78	88	98	100
	.....1963..	133.8	74	86	96	99+
	.....1958..	182.5	72	84	97	99
	.....1954..	147.9	73	87	96	(NA)
35237	Plows and listers (1967 product class 35224, part).....1972..	85.4	70	81	93	100
	1967 product class 35224, Plows, listers, harrows, rollers, pulverizers, stalk cutters and similar equipment (1972 product classes 35234 and 35237) ¹⁴⁹.....1967..	281.1	50	63	78	92
	.....1963..	192.8	50	64	78	92
	.....1958..	160.6	54	65	79	92
35238	All other farm machinery and equipment (1967 product class 35228) ^{16 149 151}.....1972..	610.8	15	24	39	60
	.....1967..	403.9	18	28	46	68

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued				
3523-	Farm machinery and equipment--Continued					
35239	Parts for farm machinery and equipment, sold separately (1967 product class 35229, part).....1972..	741.4	51	63	76	89
	1967 product class 35229, Parts for farm machinery and equipment for sale separately (1972 product classes 35239 and 35249) ^{149 152}.....1967..	554.7	46	58	72	85
35230	Farm machinery and equipment, n.s.k. (1967 product class 35220, part) ¹⁵³.....1972..	204.6	(X)	(X)	(X)	(X)
	1967 product class 35220, Farm machinery, n.s.k. (1972 product classes 35230 and 35240) ¹⁵³.....1967..	156.7	(X)	(X)	(X)	(X)
	1963..	71.5	(X)	(X)	(X)	(X)
	1958..	34.7	(X)	(X)	(X)	(X)
3524-	Lawn and garden equipment (1967 industry 3522, part) ¹⁴⁸.....1972..	1,143.4	28	45	72	92
35242	Garden tractors and motor tillers (1967 product class 35222, part)....1972..	321.1	47	70	95	100
35247	Lawnmowers and snow blowers (1967 product class 35227) ¹⁴⁹.....1972..	550.2	34	53	79	96
	1967..	388.5	33	52	80	95
	1963..	268.7	33	48	71	92
	1958..	239.8	25	41	67	92
	1954..	138.4	28	49	76	(NA)
35249	Parts for lawn and garden equipment, for sale separately (1967 product class 35229, part) ¹⁵².....1972..	269.6	64	73	89	99
35240	Lawn and garden equipment, n.s.k. (1967 product class 35220, part) ¹⁵³.....1972..	2.5	(X)	(X)	(X)	(X)
3531-	Construction machinery.....1972..	5,653.6	41	53	70	84
	1967..	3,766.6	40	50	70	83
	1963..	2,624.2	42	53	69	82
	1958..	1,996.3	41	52	67	81
35311	Contractors' off-highway wheel tractors, except parts and attachments.....1972..	251.5	76	94	100	(X)
	1967..	132.2	72	95	100	(X)
	1963..	102.7	76	95	100	(X)
	1958..	90.0	82	97	99	100
	1954..	46.8	85	99	100	(X)
35312	Tracklaying type tractors, except parts and attachments.....1972..	564.0	91	99	100	(X)
	1967..	389.9	93	99+	100	(X)
	1963..	317.4	94	(D)	100	(X)
	1958..	287.3	92	99	100	(X)
	1954..	267.9	97	(D)	100	(X)
35313	Parts and attachments for tracklaying type tractors, contractors' off-highway wheel tractors, and tractor shovel loaders.....1972..	865.7	70	85	95	100
	1967..	604.2	72	84	96	99+
	1963..	154395.6	(154)	(154)	(154)	(154)
35314	Power cranes (including locomotive and full-circle revolving with booms), draglines, shovels and parts.....1972..	914.2	43	72	90	98
	1967..	656.5	45	71	92	99
	1963..	464.8	44	69	92	99
	1958..	361.1	40	62	89	99
	1954..	268.7	44	70	93	(NA)
35316	Mixers, pavers, and related equipment, excluding parts.....1972..	252.0	39	56	77	96
	1967..	162.3	40	56	78	95
	1963..	132.0	37	53	75	93
	1958..	101.9	31	48	73	94
	1954..	71.0	34	53	78	(NA)
35317	Tractor shovel loaders, excluding parts and attachments.....1972..	810.7	75	91	(D)	(D)
	1967..	411.6	76	94	100	(X)
	1963..	154295.3	(154)	(154)	(154)	(154)
35318	Scrapers, graders, rollers, and off-highway trucks, trailers, and wagons (excluding parts) ⁵.....1972..	964.8	48	60	82	97
	1967..	711.4	48	64	87	98
	1963..	480.0	45	63	86	97
	1958..	326.0	48	66	84	96
35319	Other construction machinery and equipment, including parts ⁵.....1972..	913.0	22	35	53	72
	1967..	613.9	21	30	46	70
	1963..	403.5	13	21	36	62
	1958..	368.1	17	30	50	73
35310	Construction machinery, n.s.k.....1972..	117.7	(X)	(X)	(X)	(X)
	1967..	84.5	(X)	(X)	(X)	(X)
	1963..	33.2	(X)	(X)	(X)	(X)
	1958..	32.0	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.—MACHINERY, EXCEPT ELECTRICAL—Continued				
3532-	Mining machinery.....1972..	729.8	36	48	63	80
	1967..	521.5	30	42	60	80
	1963..	336.2	28	40	59	81
	1958..	275.3	26	37	56	78
35321	Underground mining and mineral beneficiation machinery and equipment.....1972..	168.5	57	72	89	99
	1967..	101.4	50	66	87	99+
	1963..	73.6	47	61	86	99+
	1958..	64.7	51	65	86	97
	1954..	61.5	53	70	89	(NA)
35322	Crushing, pulverizing, and screening machinery.....1972..	101.3	46	61	83	100
	1967..	78.5	38	55	83	99+
	1963..	58.0	48	64	87	99+
	1958..	67.8	31	51	80	98
35323	All other mining machinery and equipment.....1972..	93.5	65	76	91	100
	1967..	50.1	40	65	92	100
	1963..	39.3	54	72	90	(D)
35324	Parts and attachments for mining machinery and equipment.....1972..	331.1	39	56	74	93
	1967..	257.2	37	53	75	94
	1963..	158.0	33	47	70	91
35320	Mining machinery, n.s.k.....1972..	35.4	(X)	(X)	(X)	(X)
	1967..	34.3	(X)	(X)	(X)	(X)
	1963..	7.3	(X)	(X)	(X)	(X)
3533-	Oilfield machinery.....1972..	980.0	26	40	59	85
	1967..	660.7	24	38	57	80
	1963..	572.7	27	39	58	78
	1958..	496.1	30	42	60	80
	1954..	468.7	35	46	63	(NA)
35331	Rotary oilfield and gasfield drilling machinery and equipment.....1972..	348.2	56	70	89	100
	1967..	243.5	50	64	84	97
	1963..	217.2	54	65	83	97
	1958..	222.0	59	71	87	98
35332	Other oilfield and gasfield drilling machinery and equipment.....1972..	87.0	50	74	95	100
	1967..	43.5	42	63	88	100
	1963..	38.8	45	64	91	(D)
	1958..	43.4	62	80	96	100
35333	Oilfield and gasfield production machinery and equipment (except pumps).....1972..	376.5	40	54	78	96
	1967..	260.5	35	50	79	97
	1963..	261.5	30	42	66	87
	1958..	175.5	26	41	68	92
35334	Other oilfield and gasfield machinery and tools (except pumps), including water well.....1972..	113.6	37	59	90	100
	1967..	65.4	49	68	94	100
	1963..	43.3	41	58	86	99+
	1958..	40.7	39	55	73	90
35330	Oilfield machinery, n.s.k.....1972..	54.7	(X)	(X)	(X)	(X)
	1967..	47.9	(X)	(X)	(X)	(X)
	1963..	11.9	(X)	(X)	(X)	(X)
	1958..	14.6	(X)	(X)	(X)	(X)
35340	Elevators and moving stairways.....1972..	412.2	52	66	80	92
	1967..	295.9	58	68	80	94
	1963..	248.2	55	67	81	93
	1958..	165.3	57	65	78	91
	1954..	128.1	56	65	77	(NA)
3535-	Conveyors and conveying equipment.....1972..	825.6	19	28	44	63
	1967..	655.4	24	34	50	67
	1963..	414.9	23	33	51	69
	1958..	333.9	25	34	51	70
35351	Conveyors and conveying equipment (except hoists and farm elevators).....1972..	658.8	20	30	47	69
	1967..	478.9	22	30	49	70
	1963..	306.2	20	31	51	72
	1958..	248.0	24	35	54	77
35352	Parts, attachments, and accessories for conveyors and conveying equipment.....1972..	107.1	30	49	72	94
	1967..	118.6	47	63	82	95
	1963..	88.0	46	59	79	93
	1958..	72.0	40	50	69	84
	1954..	61.3	52	61	78	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ¹ -			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued				
3535-	Conveyors and conveying equipment--Continued					
35350	Conveyors and conveying equipment, n.s.k.....1972..	59.7	(X)	(X)	(X)	(X)
	.....1967..	57.9	(X)	(X)	(X)	(X)
	.....1963..	20.7	(X)	(X)	(X)	(X)
	.....1958..	13.9	(X)	(X)	(X)	(X)
3536-	Hoists, cranes, and monorails.....1972..	446.0	22	34	58	80
	.....1967..	385.3	31	45	65	85
	.....1963..	224.2	27	40	66	87
	.....1958..	165.5	33	50	72	91
35361	Hoists.....1972..	167.4	28	46	71	91
	.....1967..	144.9	28	46	73	93
	.....1963..	105.0	24	43	71	91
	.....1958..	59.4	28	46	73	93
35362	Overhead traveling cranes and monorail systems ¹⁵⁵.....1972..	253.5	33	50	75	94
	.....1967..	215.1	47	67	86	99
	.....1963..	115.7	43	65	89	99+
	.....1958..	106.1	46	71	90	99
	.....1954..	104.0	47	67	87	(NA)
35360	Hoists, cranes, and monorails, n.s.k.....1972..	25.1	(X)	(X)	(X)	(X)
	.....1967..	25.3	(X)	(X)	(X)	(X)
	.....1963..	3.5	(X)	(X)	(X)	(X)
3537-	Industrial trucks and tractors.....1972..	1,004.8	46	61	73	83
	1967 product class 35370, Industrial trucks and tractors (1972 product classes 35371, 35372, and 35370) ¹⁵⁵.....1967..	780.7	45	58	71	83
	.....1963..	458.7	49	61	72	83
	.....1958..	276.7	49	61	72	83
	.....1954..	254.8	45	57	71	(NA)
35371	Industrial trucks and tractors.....1972..	729.5	52	69	81	93
35372	Parts and attachments for industrial trucks and tractors, and miscellaneous materials handling equipment.....1972..	171.4	56	75	92	100
35370	Industrial trucks and tractors, n.s.k.....1972..	103.9	(X)	(X)	(X)	(X)
3541-	Machine tools, metal-cutting types.....1972..	1,258.5	20	31	52	71
	.....1967..	1,907.8	21	32	51	73
	.....1963..	925.3	21	30	49	69
	.....1958..	592.5	20	29	48	69
	.....1954..	1,002.0	18	27	49	(NA)
35411	Boring machines.....1972..	58.7	43	66	87	98
	.....1967..	127.8	52	68	90	98
	.....1963..	66.3	56	76	94	99
	.....1958..	52.8	45	72	95	100
	.....1954..	114.4	51	73	92	(NA)
35412	Drilling machines.....1972..	73.7	33	48	71	94
	.....1967..	128.5	42	57	80	96
	.....1963..	55.3	30	45	69	94
	.....1958..	30.9	43	58	82	98
	.....1954..	86.1	36	56	87	(NA)
35413	Gear cutting and finishing machines.....1972..	56.7	(D)	94	99	100
	.....1967..	67.1	80	95	100	(X)
	.....1963..	40.9	83	95	99+	100
	.....1958..	23.5	77	94	(D)	100
	.....1954..	48.1	69	90	99	(NA)
35414	Grinding and polishing machines (excluding gear tooth grinding, honing, lapping, polishing, and buffing machines).....1972..	168.6	40	50	65	82
	.....1967..	270.2	37	51	69	83
	.....1963..	144.2	44	56	72	90
	.....1958..	91.4	43	56	72	90
	.....1954..	154.3	43	59	79	(NA)
35415	Lathes.....1972..	197.6	38	56	86	98
	.....1967..	360.5	37	58	87	99
	.....1963..	163.4	41	60	88	98
	.....1958..	98.6	36	53	84	99
	.....1954..	206.9	38	63	89	(NA)
35416	Milling machines.....1972..	86.6	62	73	87	96
	.....1967..	258.2	65	83	93	99
	.....1963..	112.7	62	75	89	97
	.....1958..	89.4	64	80	93	99
	.....1954..	122.5	65	77	92	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued				
3541-	Machine tools, metal-cutting types--Continued					
35418	Other machine tools (including those primarily designed for home workshops, laboratories, etc.).....1972..	303.1	26	47	71	88
	.....1967..	371.9	25	42	69	85
	.....1963..	152.4	21	36	58	77
	.....1958..	98.3	24	38	61	80
35419	Parts for metal-cutting type machine tools, sold separately, and rebuilt machine tools.....1972..	242.1	28	39	62	83
	.....1967..	241.0	35	47	63	84
	.....1963..	165.5	26	37	57	80
	.....1958..	88.7	24	36	57	81
35410	Machine tools, metal-cutting types, n.s.k.....1972..	71.4	(X)	(X)	(X)	(X)
	.....1967..	82.5	(X)	(X)	(X)	(X)
	.....1963..	24.4	(X)	(X)	(X)	(X)
	.....1958..	18.9	(X)	(X)	(X)	(X)
3542-	Machine tools, metal-forming.....1972..	670.1	17	31	50	69
	.....1967..	676.6	21	35	55	73
	.....1963..	444.8	20	34	52	70
	.....1958..	289.5	20	34	52	70
35421	Punching, shearing, bending, and forming machines.....1972..	153.4	24	38	63	88
	.....1967..	130.9	31	47	70	89
	.....1963..	92.5	27	42	64	86
	.....1958..	68.4	21	33	62	86
35422	Presses, including forging presses.....1972..	183.2	41	59	79	97
	.....1967..	261.3	46	64	80	97
	.....1963..	141.7	45	61	77	94
	.....1958..	79.1	41	61	80	95
	.....1954..	217.4	45	65	86	(NA)
35423	Other metal-forming machine tools, including forging machines.....1972..	149.0	34	49	71	93
	.....1967..	122.9	39	56	77	94
	.....1963..	71.7	35	55	81	96
	.....1958..	60.8	48	59	74	92
35424	Parts for metal-forming machine tools and rebuilt metal-forming machinery.....1972..	161.5	28	42	65	85
	.....1967..	125.7	28	41	61	86
	.....1963..	118.2	35	45	60	80
	.....1958..	78.2	27	39	60	80
35420	Machine tools, metal-forming, n.s.k.....1972..	23.0	(X)	(X)	(X)	(X)
	.....1967..	35.6	(X)	(X)	(X)	(X)
	.....1963..	20.7	(X)	(X)	(X)	(X)
	.....1958..	3.0	(X)	(X)	(X)	(X)
3544-	Special dies, tools, jigs, and fixtures.....1972..	2,713.5	14	17	21	27
	.....1967..	2,520.2	16	18	22	28
	.....1963..	1,608.1	17	19	23	30
	.....1958..	1,320.4	20	23	27	34
35441	Special dies and tools, die sets, jigs, and fixtures.....1972..	1,520.1	24	27	33	41
	.....1967..	1,719.8	23	26	31	38
	.....1963..	¹⁵⁶ 1,161.2	(¹⁵⁶)	(¹⁵⁶)	(¹⁵⁶)	(¹⁵⁶)
35442	Industrial molds.....1972..	640.3	11	14	23	35
	.....1967..	446.2	9	13	21	33
	.....1963..	¹⁵⁶ 311.1	(¹⁵⁶)	(¹⁵⁶)	(¹⁵⁶)	(¹⁵⁶)
35440	Special dies, tools, jigs and fixtures, n.s.k.....1972..	553.1	(X)	(X)	(X)	(X)
	.....1967..	354.2	(X)	(X)	(X)	(X)
	.....1963..	135.9	(X)	(X)	(X)	(X)
3545-	Machine tool accessories.....1972..	1,151.4	16	27	41	58
	.....1967..	1,222.4	15	26	41	58
	.....1963..	731.7	14	24	39	57
	.....1958..	470.2	16	25	41	57
	.....1954..	541.0	11	20	36	(NA)
35451	Small cutting tools for machine tools and metalworking machinery.....1972..	738.0	23	36	54	71
	.....1967..	770.9	23	37	54	71
	.....1963..	464.4	21	34	50	68
	.....1958..	301.2	23	36	50	68
	.....1954..	291.0	19	33	49	(NA)
35452	Precision measuring tools.....1972..	94.7	52	64	83	96
	.....1967..	130.8	43	58	76	92
	.....1963..	88.0	39	53	72	90
	.....1958..	60.9	43	57	73	89
	.....1954..	110.0	32	47	61	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.—MACHINERY, EXCEPT ELECTRICAL—Continued				
3545-	Machine tool accessories--Continued					
35453	Other attachments and accessories for machine tools and metal- working machinery.....1972..	218.8	17	30	52	76
	.....1967..	239.5	19	30	51	75
	.....1963..	152.6	17	29	49	72
	.....1958..	96.2	17	31	51	74
	.....1954..	140.0	15	25	45	(NA)
35450	Machine tool accessories, n.s.k.....1972..	99.9	(X)	(X)	(X)	(X)
	.....1967..	81.2	(X)	(X)	(X)	(X)
	.....1963..	26.7	(X)	(X)	(X)	(X)
	.....1958..	11.9	(X)	(X)	(X)	(X)
3546-	Power-driven handtools (1967 industry 3548, part) ¹⁵⁷.....1972..	622.9	41	65	88	97
	1967 industry 3548, Metalworking, n.e.c. (1972 industries 3546, 3547, and 3549).....1967..	1,028.0	23	38	59	78
	.....1963..	701.9	25	40	61	79
	.....1958..	580.2	31	43	63	79
35461	Power-driven handtools, electric (1967 product class 35482, part)....1972..	386.9	61	84	98	100
35462	Power-driven handtools, pneumatic and powder actuated (1967 product class 35482, part).....1972..	217.9	51	69	92	100
	1967 product class 35482, Power-driven handtools, including parts and attachments (1972 product classes 35461 and 35462).....1967..	436.0	47	67	89	97
	.....1963..	319.9	43	64	87	97
	.....1958..	210.6	39	59	82	97
	.....1954..	170.5	40	59	82	(NA)
35460	Power-driven handtools, n.s.k. (1967 product class 35480, part) ¹⁵⁸....1972..	18.1	(X)	(X)	(X)	(X)
3547-	Rolling mill machinery (1967 industry 3548, part) ¹⁵⁷.....1972..	247.9	63	80	90	99
35471	Hot rolling mill machinery, except tube rolling (1967 product class 35481, part).....1972..	134.7	86	96	(D)	(D)
35472	Cold rolling mill machinery (1967 product class 35481, part).....1972..	52.4	73	90	100	100
35473	Other rolling mill machinery, including tube mill machinery (1967 product class 35481, part).....1972..	55.6	57	71	91	100
35470	Rolling mill machinery, n.s.k. (1967 product class 35480, part) ¹⁵⁸....1972..	5.2	(X)	(X)	(X)	(X)
	1967 product class 35481, Rolling mill machinery and equipment (1972 product classes 35471, 35472, and 35473).....1967..	330.3	55	76	93	99
	.....1963..	222.2	60	75	92	99
	.....1958..	252.2	67	80	92	99
	.....1954..	143.5	58	77	93	(NA)
3549-	Metalworking machinery, n.e.c. (1967 industry 3548, part) ¹⁵⁷.....1972..	411.3	17	28	45	67
35493	Welding and cutting apparatus, except electric (1967 product class 35483).....1972..	93.7	63	80	95	100
	.....1967..	69.6	57	74	95	100
	.....1963..	54.6	66	80	96	100
	.....1958..	38.1	68	79	94	99
	.....1954..	26.8	74	85	94	(NA)
35494	Automotive maintenance equipment (1967 product class 35484).....1972..	111.1	43	61	87	100
	.....1967..	58.1	39	62	88	100
	.....1963..	47.7	38	58	80	98
	.....1958..	44.2	34	56	80	98
	.....1954..	44.1	43	58	81	(NA)
35495	Other metalworking machinery (1967 product class 35485).....1972..	154.5	24	36	57	80
	.....1967..	86.2	35	49	76	96
	.....1963..	36.6	30	47	70	91
	.....1958..	17.6	50	68	96	100
35490	Metalworking machinery, n.e.c., n.s.k. (1967 product class 35480, part) ¹⁵⁸.....1972..	52.0	(X)	(X)	(X)	(X)
3551-	Food products machinery.....1972..	867.2	17	24	37	56
	.....1967..	689.9	16	24	38	57
	.....1963..	517.3	15	23	38	56
	.....1958..	399.8	12	20	36	54
	.....1954..	371.4	16	25	41	(NA)
35511	Dairy and milk products plant machinery and equipment, except bottling and packaging machinery ¹⁵⁹.....1972..	57.4	57	72	93	100
35512	Commercial food products machinery, except wrapping machines ¹⁶⁰.....1972..	185.0	33	41	59	83
	.....1967..	146.4	38	46	63	85
	.....1963..	117.6	36	44	60	81
	.....1958..	101.0	28	39	55	76

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued				
3551-	Food products machinery--Continued					
35513	Other industrial food products machinery (except packing and bottling machinery) and parts and attachments ¹⁶¹.....1972..	296.2	23	33	53	76
35514	Packing, packaging, and bottling machinery for industrial food products ^{159 160 161}.....1972..	232.1	31	42	68	91
35510	Food products machinery, n.s.k.....1972..	96.5	(X)	(X)	(X)	(X)
	1967..	74.7	(X)	(X)	(X)	(X)
	1963..	27.6	(X)	(X)	(X)	(X)
	1958..	23.5	(X)	(X)	(X)	(X)
3552-	Textile machinery.....1972..	738.1	29	43	59	74
	1967..	652.6	32	47	63	77
	1963..	499.1	34	50	65	78
	1958..	322.2	33	45	59	74
	1954..	304.1	31	44	59	(NA)
35521	Textile machinery.....1972..	373.8	34	53	71	88
	1967..	348.8	38	57	76	89
	1963..	252.6	39	57	75	91
	1958..	143.7	35	48	67	86
	1954..	143.3	34	49	67	(NA)
35522	Parts and attachments for textile machinery.....1972..	305.7	33	47	66	82
	1967..	267.4	34	47	67	83
	1963..	232.1	37	49	66	80
	1958..	168.7	38	49	63	78
	1954..	160.7	32	44	58	(NA)
35520	Textile machinery, n.s.k.....1972..	58.6	(X)	(X)	(X)	(X)
	1967..	36.4	(X)	(X)	(X)	(X)
	1963..	14.4	(X)	(X)	(X)	(X)
	1958..	9.8	(X)	(X)	(X)	(X)
3553-	Woodworking machinery.....1972..	441.6	38	50	67	83
	1967..	274.4	33	45	62	81
	1963..	220.8	31	43	59	77
	1958..	174.5	33	45	61	79
	1954..	163.4	30	44	62	(NA)
35531	Woodworking machinery (except home workshop), including parts and attachments.....1972..	372.5	39	50	68	86
	1967..	231.2	37	46	64	85
	1963..	186.0	35	45	60	79
	1958..	145.1	37	48	63	81
	1954..	136.2	33	45	62	(NA)
35532	Woodworking machinery for home workshop (except power-driven handtools), including parts and attachments.....1972..	51.5	90	97	100	(X)
	1967..	29.1	82	93	100	(X)
	1963..	29.0	71	87	98	100
	1958..	25.7	63	84	96	99
	1954..	27.2	67	79	92	(NA)
35530	Woodworking machinery, n.s.k.....1972..	17.6	(X)	(X)	(X)	(X)
	1967..	14.1	(X)	(X)	(X)	(X)
	1963..	5.8	(X)	(X)	(X)	(X)
	1958..	3.7	(X)	(X)	(X)	(X)
35540	Paper industries machinery and parts and attachments.....1972..	381.4	31	43	59	80
	1967..	515.1	40	48	65	84
	1963..	347.6	44	53	70	87
	1958..	280.1	46	55	70	87
	1954..	174.7	33	42	61	(NA)
3555-	Printing trades machinery.....1972..	736.6	36	44	59	76
	1967..	656.0	43	52	67	82
	1963..	403.2	39	47	62	79
	1958..	270.7	37	48	63	79
	1954..	228.8	33	49	65	(NA)
35551	Printing presses, lithographic (1967 product class 35551, part).....1972..	156.0	71	85	97	100
35552	Printing presses, other than lithographic (1967 product class 35551, part).....1972..	90.2	51	72	91	100
	1967 product class 35551, Printing presses (1972 product classes 35551 and 35552).....1967..	263.6	65	79	94	99+
	1963..	137.6	63	75	92	99+
	1958..	94.2	64	80	97	100
35553	Typesetting machinery and equipment (1967 product class 35552, part)..1972..	104.1	72	89	100	100

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued				
3555-	Printing trades machinery--Continued					
35554	Bindery equipment (1967 product class 35552, part).....1972..	33.5	75	91	100	(X)
35555	Other printing trades machinery and equipment and parts and attachments for all printing trades machinery and equipment (1967 product class 35552, part).....1972..	303.5	26	37	58	80
	1967 product class 35552, Other printing trades machinery, including parts and attachments (1972 product classes 35553, 35554, and 35555).....1967..	354.3	37	48	64	83
	1963..	243.8	33	43	61	79
	1958..	153.0	35	45	63	82
35550	Printing trades machinery, n.s.k.....1972..	49.3	(X)	(X)	(X)	(X)
	1967..	38.1	(X)	(X)	(X)	(X)
	1963..	21.8	(X)	(X)	(X)	(X)
	1958..	23.4	(X)	(X)	(X)	(X)
3559-	Special industry machinery, n.e.c.....1972..	2,367.1	16	22	34	51
	1967..	1,670.3	11	17	29	47
	1963..	988.4	10	16	30	47
	1958..	726.2	10	16	28	46
35591	Chemical manufacturing industries machinery and equipment and parts...1972..	212.5	29	44	64	87
	1967..	284.5	23	35	59	83
	1963..	152.4	28	42	66	86
	1958..	118.5	21	33	56	81
	1954..	102.8	25	40	64	(NA)
35592	Foundry machinery and equipment, excluding patterns and molds.....1972..	132.3	56	70	86	99
	1967..	143.9	45	59	81	97
	1963..	89.6	41	55	79	95
	1958..	52.6	47	61	80	96
	1954..	62.5	35	55	77	(NA)
35593	Plastics-working machinery and equipment, excluding patterns and molds.....1972..	434.1	31	47	72	90
	1967..	247.6	25	39	66	89
	1963..	137.1	28	45	71	89
	1958..	50.8	35	54	75	93
	1954..	37.6	31	47	73	(NA)
35594	Rubber-working machinery and equipment, excluding tire molds.....1972..	137.3	53	69	88	99
	1967..	116.6	53	73	89	99
	1963..	76.8	51	72	88	98
	1958..	53.9	55	70	85	97
	1954..	52.5	61	73	87	(NA)
35595	Other special industry machinery and equipment.....1972..	1,281.4	26	33	47	64
	1967..	778.6	21	29	44	63
	1963..	500.2	19	27	41	58
	1958..	414.7	17	26	41	59
35590	Special industry machinery, n.e.c., n.s.k.....1972..	169.5	(X)	(X)	(X)	(X)
	1967..	99.0	(X)	(X)	(X)	(X)
	1963..	32.3	(X)	(X)	(X)	(X)
	1958..	35.7	(X)	(X)	(X)	(X)
3561-	Pumps and pumping equipment (1967 industry 3561, part) ¹⁶².....1972..	1,632.9	14	24	44	69
	1967 industry 3561, Pumps and compressors (1972 industries 3561 and 3563).....1967..	1,947.5	24	34	52	68
	1963..	1,249.2	23	34	51	69
	1958..	1,014.8	25	36	54	72
	1954..	867.4	22	34	51	(NA)
35611	Industrial pumps, except hydraulic fluid power pumps.....1972..	611.9	22	35	57	81
	1967..	436.9	23	34	53	80
	1963..	321.9	23	35	55	79
35612	Hydraulic fluid power pumps ¹⁶³.....1972..	261.6	44	61	85	98
	1967 product class 35612, Hydraulic fluid power pumps and motors and vacuum pumps ¹⁶³.....1967..	218.6	48	64	85	98
	1963..	134.9	51	69	89	99
35613	Domestic water systems and pumps, including pump jacks and cylinders.....1972..	151.1	41	63	89	100
	1967..	140.3	34	56	84	99+
	1963..	83.7	42	64	92	99
	1958..	67.7	(¹²)	(¹²)	(¹²)	(¹²)
	1954..	80.0	33	56	84	(NA)
35615	Pumps and pumping equipment, n.e.c. (1967 product class 35615, part) ¹⁶⁴.....1972..	186.4	26	41	67	87
	1967 product class 35615, Pumps and compressors, n.e.c., except refrigeration compressors (1972 product classes 35615 and 35635).....1967..	197.5	33	44	66	87
	1963..	148.0	31	45	64	83
	1958..	123.9	27	42	64	86

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued				
3561-	Pumps and pumping equipment--Continued					
35616	Parts and attachments for pumps and pumping equipment (1967 product class 35616, part) ¹⁶⁵.....1972..	346.5	21	32	56	85
	1967 product class 35616, Parts and attachments for pumps and compressors (1972 product classes 35616 and 35632).....1967..	383.6	33	47	66	86
	.....1963..	250.1	29	39	59	81
	.....1958..	180.2	37	50	68	85
	.....1954..	145.0	34	47	65	(NA)
35610	Pumps and pumping equipment, n.s.k.....1972..	75.4	(X)	(X)	(X)	(X)
	.....1967..	69.6	(X)	(X)	(X)	(X)
	.....1963..	18.4	(X)	(X)	(X)	(X)
	.....1958..	11.8	(X)	(X)	(X)	(X)
3562-	Ball and roller bearings.....1972..	1,418.7	53	72	88	98
	.....1967..	1,292.2	54	74	89	99
	.....1963..	961.0	57	76	91	98
	.....1958..	636.8	56	76	91	99
	.....1954..	533.8	59	78	91	(NA)
35621	Ball bearings, complete.....1972..	474.2	57	72	93	100
	.....1967..	472.7	61	78	97	100
	.....1963..	384.1	63	79	97	100
	.....1958..	289.1	66	81	98	100
	.....1954..	213.7	71	85	98	(NA)
35622	Taper (except thrust) roller bearings, complete.....1972..	420.0	91	(D)	(D)	(X)
	.....1967..	367.7	92	99	100	(X)
	.....1963..	¹⁶⁶ 294.2	(¹⁶⁶)	(¹⁶⁶)	(¹⁶⁶)	(¹⁶⁶)
35623	Other roller bearings, complete.....1972..	280.9	65	78	94	100
	.....1967..	225.0	67	83	97	100
	.....1963..	¹⁶⁶ 152.1	(¹⁶⁶)	(¹⁶⁶)	(¹⁶⁶)	(¹⁶⁶)
35624	Mounted bearings.....1972..	100.9	70	96	100	(X)
	.....1967..	96.0	64	94	100	(X)
	.....1963..	62.1	71	95	100	(X)
	.....1958..	35.0	72	98	100	(X)
	.....1954..	24.4	68	96	100	(X)
35629	Parts and components for ball and roller bearings, including balls and rollers, sold separately.....1972..	138.2	66	79	97	100
	.....1967..	118.7	58	77	95	100
	.....1963..	65.0	56	74	93	100
	.....1958..	41.1	55	74	96	100
	.....1954..	45.1	61	78	94	(NA)
35620	Ball and roller bearings, n.s.k.....1972..	4.5	(X)	(X)	(X)	(X)
	.....1967..	12.1	(X)	(X)	(X)	(X)
	.....1963..	3.3	(X)	(X)	(X)	(X)
	.....1958..	2.3	(X)	(X)	(X)	(X)
3563-	Air and gas compressors ¹⁶².....1972..	722.7	42	62	84	94
35631	Air and gas compressors and vacuum pumps ¹⁶³.....1972..	480.8	47	66	86	97
	1967 product class 35614, Air and gas compressors, except refrigeration compressors.....1967..	501.0	58	75	89	99
	.....1963..	292.3	60	76	90	99
	.....1958..	260.2	(¹²)	(¹²)	(¹²)	(¹²)
	.....1954..	220.2	56	73	91	(NA)
35632	Parts and attachments for air and gas compressors, except refrigeration equipment (1967 product class 35616, part) ¹⁶⁵.....1972..	148.4	52	78	95	100
35635	Industrial spraying equipment (1967 product class 35615, part) ¹⁶⁴.....1972..	93.5	86	91	100	(X)
3564-	Blowers and fans.....1972..	682.0	16	28	48	72
	.....1967..	499.1	17	29	50	75
	.....1963..	299.4	20	32	54	78
	.....1958..	252.9	23	35	55	75
	.....1954..	274.0	23	38	57	(NA)
35643	Centrifugal fans and blowers (1967 product class 35641, part).....1972..	181.0	33	49	81	99
35644	Propeller fans and accessories, axial fans, and power roof ventilators (1967 product class 35641, part).....1972..	159.9	23	39	68	91
	1967 product class 35641, Industrial fans and blowers (1972 product classes 35643 and 35644).....1967..	294.9	22	37	64	91
	.....1963..	191.2	23	38	65	89
	.....1958..	170.6	27	40	64	86

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.—MACHINERY, EXCEPT ELECTRICAL—Continued				
3564-	Blowers and fans--Continued					
35645	Dust collection and other air purification equipment for heating, ventilating and air-conditioning systems (1967 product class 35642, part).....1972..	682.0	16	28	48	72
35646	Dust collection and other air purification equipment for industrial gas cleaning systems (1967 product class 35642, part).....1972..	121.3	36	52	78	97
	1967 product class 35642, Dust collection, air purification equipment, and air washers (1972 product classes 35645 and 35646).....1967..	182.5	35	49	73	91
	.....1963..	95.0	41	57	81	96
	.....1958..	70.1	43	55	79	98
35640	Blowers and fans, n.s.k.....1972..	21.8	(X)	(X)	(X)	(X)
	.....1967..	21.7	(X)	(X)	(X)	(X)
	.....1963..	13.2	(X)	(X)	(X)	(X)
	.....1958..	12.2	(X)	(X)	(X)	(X)
35650	Industrial patterns, except shoe patterns.....1972..	234.4	6	10	19	32
	.....1967..	233.7	8	12	21	34
	.....1963..	159.9	8	12	21	33
	.....1958..	121.3	6	10	17	28
	.....1954..	127.6	14	19	28	(NA)
35660	Speed changers, industrial high-speed drives, and gears (1967 product class 35662) ¹⁶⁷.....1972..	¹⁶⁸ 593.0	25	38	60	79
	.....1967..	506.4	24	40	63	81
	.....1963..	333.3	22	38	59	79
	.....1958..	234.2	23	35	56	78
	.....1954..	218.2	20	34	58	(NA)
3567-	Industrial furnaces and ovens.....1972..	341.1	23	36	59	77
	.....1967..	415.9	25	39	58	79
	.....1963..	237.7	23	34	53	76
	.....1958..	184.8	29	38	53	75
35671	Electric industrial furnaces and ovens, metal processing.....1972..	67.5	44	59	84	99
	.....1967..	90.8	36	53	82	98
	.....1963..	44.7	49	65	86	99
	.....1958..	35.7	31	49	77	96
35672	Fuel-fired industrial furnaces and ovens, metal processing.....1972..	97.2	43	59	81	98
	.....1967..	155.7	45	58	81	97
	.....1963..	76.6	41	57	82	97
	.....1958..	75.5	52	63	84	97
35673	High frequency induction and dielectric heating equipment and parts, attachments, and components.....1972..	147.0	40	55	76	93
	.....1967..	149.0	30	45	69	91
	.....1963..	109.9	22	34	58	84
	.....1958..	67.7	18	29	56	85
35670	Industrial furnaces and ovens, n.s.k.....1972..	29.4	(X)	(X)	(X)	(X)
	.....1967..	20.3	(X)	(X)	(X)	(X)
	.....1963..	6.5	(X)	(X)	(X)	(X)
	.....1958..	6.1	(X)	(X)	(X)	(X)
3568-	Power transmission equipment, n.e.c. (1967 industry 3566, part) ¹⁶⁷.....1972..	975.0	32	51	71	86
	1967 industry 3566, Power transmission equipment ¹⁶⁷.....1967..	1,283.4	19	34	54	70
	.....1963..	883.4	19	32	51	70
	.....1958..	622.7	21	32	52	70
35681	Plain bearings and bushings (1967 product class 35661).....1972..	121.0	28	43	72	98
	.....1967..	109.5	26	44	71	95
	.....1963..	87.9	38	56	79	96
	.....1958..	67.0	51	67	88	99
35683	Other mechanical power transmission equipment, except speed changers, drives, and gears (1967 product class 35663).....1972..	854.0	35	57	78	92
	.....1967..	604.5	34	53	75	90
	.....1963..	449.5	35	53	72	89
	.....1958..	310.4	36	53	73	89
	.....1954..	235.0	34	47	65	(NA)
35680	Power transmission equipment, n.e.c., n.s.k., (1967 product class 35660, part).....1972..	(²²)	(X)	(X)	(X)	(X)
	.....1967..	62.9	(X)	(X)	(X)	(X)
3569-	General industrial machinery, n.e.c.....1972..	1,132.8	7	13	26	44
	1967 product class 35690, General industrial machinery, n.e.c. (1972 product classes 35691, 35692, 35693, and 35690).....1967..	899.8	8	16	28	46
	.....1963..	664.3	12	20	33	49
	.....1958..	467.4	15	24	39	58
35691	Packing and packaging machinery, n.e.c.....1972..	177.4	25	39	58	82
35692	Filters and strainers.....1972..	275.4	29	44	64	87
35699	All other general industrial machinery, n.e.c.....1972..	535.5	12	20	37	62
35690	General industrial machinery, n.e.c., n.s.k.....1972..	144.5	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.—MACHINERY, EXCEPT ELECTRICAL—Continued				
3573-	Electronic computing equipment ¹⁶.....1972..	²³ 6,108.0	(²³)	(²³)	(²³)	(²³)
	1967..	²³ 4,048.8	(²³)	(²³)	(²³)	(²³) ⁴
35731	Electronic computing equipment (except parts and attachments).....1972..	1,884.3	75	86	94	99
35732	Peripheral equipment for electronic computers.....1972..	2,745.3	52	64	83	94
	1967 product class 35731, Electronic computing equipment, except parts and attachments (1972 product classes 35731 and 35732).....1967..	3,123.9	72	90	98	99+
35733	Parts and attachments for electronic computing equipment ¹⁶.....1972..	1,403.2	63	73	86	94
	1967..	906.4	73	79	91	98
35730	Electronic computing equipment, n.s.k. ¹⁶.....1972..	75.2	(X)	(X)	(X)	(X)
	1967..	18.5	(X)	(X)	(X)	(X)
3574-	Calculating and accounting machines ¹⁶.....1972..	694.3	63	78	94	99
	1967..	630.8	74	85	92	98
35741	Adding and calculating machines, except electronic.....1972..	(¹⁶⁹)	(¹⁶⁹)	(¹⁶⁹)	(¹⁶⁹)	(¹⁶⁹)
35742	Electronic calculating machines.....1972..	225.8	68	97	100	(X)
35743	Accounting machines and cash registers.....1972..	(¹⁶⁹)	(¹⁶⁹)	(¹⁶⁹)	(¹⁶⁹)	(¹⁶⁹)
	1967 product class 35741, Calculating and accounting machines, including cash registers, except parts and attachments (1972 product classes 35741, 35742, and 35743) ¹⁶.....1967..	464.3	78	90	99	100
35745	Parts and attachments for adding, calculating, accounting machines, and cash registers (1967 product class 35793) ¹⁶.....1972..	¹⁶⁹ 457.4	¹⁶⁹ 78	¹⁶⁹ 89	¹⁶⁹ 96	¹⁶⁹ 100
	1967..	131.7	90	96	99+	100
35740	Calculating and accounting machines, n.s.k. ¹⁶.....1972..	11.0	(X)	(X)	(X)	(X)
	1967..	34.8	(X)	(X)	(X)	(X)
35760	Scales and balances, except laboratory.....1972..	182.1	51	66	84	97
	1967..	131.4	54	69	88	99
	1963..	90.0	52	68	86	98
	1958..	71.0	45	67	85	98
3572-	Typewriters.....1972..	1,046.9	59	71	85	94
3579-	Office machines, n.e.c.....1972..					
	1967 industry 3579, Office machines, n.e.c.....1967..					
	1963..					
	1958..					
	1954..	159.2	45	58	76	(NA)
35793	Duplication machines (1967 product class 35791, part).....1972..	83.6	87	95	100	(X)
35794	Dictating, transcribing, and recording machines (1967 product class 35791, part).....1972..	(¹⁷⁰)	(¹⁷⁰)	(¹⁷⁰)	(¹⁷⁰)	(¹⁷⁰)
35795	Mailing, letter handling, and addressing machines (1967 product class 35791, part).....1972..	128.6	77	89	100	(X)
35796	All other office machines, n.e.c. (1967 product class 35791, part)....1972..	¹⁷⁰ 254.7	¹⁷⁰ 39	¹⁷⁰ 60	¹⁷⁰ 85	¹⁷⁰ 98
	1967 product class 35791, Addressing, dictating, duplicating, and other office and store machines, n.e.c., except parts and attachments (1972 product classes 35793, 35794, 35795, and 35796).....1967..	333.1	48	62	81	97
35797	Typewriters, including coded media, parts, and attachments (1967 product class 35720).....1972..	(¹⁷¹)	(¹⁷¹)	(¹⁷¹)	(¹⁷¹)	(¹⁷¹)
	1967..	508.1	81	98	99+	100
	1963..	265.5	79	98	(D)	100
	1958..	188.6	79	99	100	(X)
	1954..	141.7	78	98	99	(NA)
35798	Parts and attachments for addressing, dictating, duplicating, and other office and store machines, n.e.c. (1967 product class 35792) ¹⁶.....1972..	¹⁷¹ 562.0	¹⁷¹ 84	¹⁷¹ 90	¹⁷¹ 97	¹⁷¹ 100
	1967..	65.8	60	80	94	100
35790	Office machines, n.e.c., n.s.k. ¹⁶.....1972..	18.0	(X)	(X)	(X)	(X)
	1967..	18.8	(X)	(X)	(X)	(X)
3581-	Automatic merchandising machines.....1972..	306.3	50	68	88	96
	1967..	261.2	61	73	87	96
	1963..	206.6	58	68	80	93
	1958..	130.9	43	57	75	91
35811	Automatic merchandising machines.....1972..	231.5	57	79	95	100
	1967..	198.3	69	83	94	99+
	1963..	164.3	65	77	88	97

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued				
3581-	Automatic merchandising machines--Continued					
35812	Coin-operated mechanisms and parts for automatic merchandising machines.....1972..	61.1	57	86	98	100
	.....1967..	45.5	65	77	94	100
	.....1963..	32.8	54	73	93	99+
35810	Automatic merchandising machines, n.s.k.....1972..	13.7	(X)	(X)	(X)	(X)
	.....1967..	17.4	(X)	(X)	(X)	(X)
	.....1963..	9.5	(X)	(X)	(X)	(X)
35820	Commercial laundry equipment ¹⁷².....1972..	185.3	43	57	77	94
3585-	Refrigeration and heating equipment ¹⁷³.....1972..	²³ 6,232.1	(²³)	(²³)	(²³)	(²³)
	.....1967..	²³ 3,469.0	(²³)	(²³)	(²³)	(²³)
	.....1963..	²³ 2,104.6	(²³)	(²³)	(²³)	(²³)
35851	Heat transfer equipment, except room and unitary air-conditioners and dehumidifiers.....1972..	1,680.5	45	58	78	95
	1967 product class 35851, Heat transfer equipment, except room and unitary air-conditioners (1967 product class 35851, part) ¹⁶.....1967..	959.8	37	53	76	92
35852	Unitary air-conditioners (1967 product class 35852, part) ¹⁶.....1972..	1,070.6	48	69	90	99+
	1967 product class 35852, Air-conditioners, room and unitary ¹⁶.....1967..	1,068.1	44	66	91	99+
35853	Commercial refrigeration equipment.....1972..	482.3	29	41	60	81
	.....1967..	341.5	21	31	54	80
	.....1963..	253.7	21	34	56	77
35854	Compressors and compressor units, all refrigerants.....1972..	1,065.4	72	94	99	100
	.....1967..	494.5	78	91	99	100
	.....1963..	269.4	77	90	99	100
35855	Condensing units, all refrigerants.....1972..	146.8	48	66	92	100
	.....1967..	73.3	63	78	96	100
	.....1963..	73.5	52	70	95	100
	.....1958..	70.3	69	72	93	100
35856	Room air-conditioners and dehumidifiers (1967 product class 35851, part and 35852, part) ¹⁷⁴.....1972..	679.6	54	75	97	100
35857	Other refrigeration and air-conditioning equipment, including soda fountain and beer dispensing equipment.....1972..	570.3	44	55	73	91
	.....1967..	443.6	21	35	63	84
	.....1963..	302.5	18	30	53	75
35858	Warm air furnaces (except floor and wall) and parts and attachments ¹⁷³.....1972..	384.2	34	56	88	99
	1967 product class 34332, Warm air furnaces, except floor and wall and parts ¹⁷³.....1967..	215.5	30	51	81	99
	.....1963..	205.0	36	49	75	97
	.....1958..	232.5	30	45	69	89
	.....1954..	222.5	28	43	64	(NA)
35850	Refrigeration and heating equipment, n.s.k.....1972..	152.4	(X)	(X)	(X)	(X)
	.....1967..	88.2	(X)	(X)	(X)	(X)
	.....1963..	46.7	(X)	(X)	(X)	(X)
	.....1958..	31.4	(X)	(X)	(X)	(X)
35860	Measuring and dispensing pumps.....1972..	183.4	38	60	86	99
	.....1967..	139.3	42	64	90	99+
	.....1963..	121.0	37	61	91	99
	.....1958..	86.2	52	73	96	99
	.....1954..	80.8	50	76	96	(NA)
3589-	Service industry machines, n.e.c.....1972..	864.4	11	20	36	57
	.....1967..	539.8	13	22	38	60
	.....1963..	341.5	14	23	37	57
	.....1958..	222.0	14	23	(NA)	(NA)
35891	Commercial cooking and food warming equipment.....1972..	217.0	27	44	69	90
	.....1967..	158.2	24	40	64	90
	.....1963..	107.0	23	35	59	86
35892	Service industry machines and parts.....1972..	496.5	18	29	49	73
	.....1967..	305.3	20	33	54	79
	.....1963..	196.7	23	35	53	75

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL--Continued				
3589-	Service industry machines, n.e.c.--Continued					
35893	Commercial and industrial vacuum cleaners, including parts and attachments.....1972..	62.7	49	67	92	100
	1967..	26.0	45	71	98	100
	1963..	19.0	40	62	93	100
	1958..	12.7	43	66	96	100
35890	Service industry machines, n.e.c., n.s.k.....1972..	88.2	(X)	(X)	(X)	(X)
	1967..	50.3	(X)	(X)	(X)	(X)
	1963..	18.9	(X)	(X)	(X)	(X)
3592-	Carburetors, pistons, rings, and valves (1967 product class 35991).....1972..	791.9	47	71	90	97
	1967 product class 35991, Carburetors (new), pistons and piston rings, and valves (1972 industry 3592).....1967..	499.9	39	62	88	97
35921	Carburetors, new and rebuilt (1967 product class 35991, part).....1972..	353.3	83	95	99	100
35922	Pistons and piston rings (1967 product class 35991, part).....1972..	229.3	51	79	96	100
35923	Valves, intake and exhaust (1967 product class 35991, part).....1972..	196.6	85	93	98	100
35920	Carburetors, pistons, rings, and valves, n.s.k. (1967 product class 35991, part).....1972..	12.7	(X)	(X)	(X)	(X)
3599-	Machinery, except electrical, n.e.c. (1967 industry 3599, part).....1972..	3,363.3	2	3	6	11
	1967 industry 3599, Miscellaneous machinery, except electrical (1972 industries 3592 and 3599).....1967..	3,286.1	6	10	17	24
	1963..	1,685.5	9	15	25	33
	1958..	1,117.7	8	14	23	34
	1954..	778.9	9	15	25	(NA)
35992	Pneumatic and hydraulic cylinders (1967 product class 35992, part)....1972..	189.2	27	40	67	92
35994	Miscellaneous machinery products (1967 product class 35992, part)....1972..	442.5	12	17	31	49
	1967 product class 35992, All other machine shop products, including flexible metal hose and tubing and metal bellows (1972 product classes 35992 and 35994).....1967 ⁵ .	863.0	11	17	26	40
35995	Receipts for machine shop job work (1967 product class 35993) ¹⁶.....1972..	1,425.8	3	4	7	13
	1967..	1,080.0	3	5	9	16
35990	Machinery, except electrical, n.e.c., n.s.k.....1972..	1,305.8	(X)	(X)	(X)	(X)
	1967 product class 35990, Miscellaneous machinery, except electrical, n.s.k. ¹⁶.....1967..	843.2	(X)	(X)	(X)	(X)
		MAJOR GROUP 36.--ELECTRIC AND ELECTRONIC EQUIPMENT				
3612-	Transformers.....1972..	1,436.7	58	74	89	96
	1967..	1,133.6	64	78	92	97
	1963..	692.2	65	78	90	97
	1958..	638.3	71	83	92	97
36122	Power and distribution transformers, except parts.....1972..	914.2	67	86	97	(D)
	1967..	790.3	71	88	98	99+
	1963..	434.5	76	90	98	99+
	1958..	421.7	80	94	99	100
	1954..	441.1	85	97	99	(NA)
36124	Fluorescent lamp ballasts (1967 product class 36121, part).....1972..	160.6	96	(D)	100	(X)
36125	Specialty transformers (except fluorescent lamp ballasts).....1972..	225.6	53	68	84	97
	1967 product class 36121, Natural-draft dry-type transformers (specialty transformers) (1972 product classes 36124 and 36125) ⁵.....1967..	207.7	74	87	96	99+
	1963..	163.0	69	80	91	99
	1958..	130.0	65	79	89	98
	1954..	109.6	57	69	81	(NA)
36127	Power regulators, boosters, reactors, other transformers, and transformer parts (1967 product class 36123).....1972..	111.4	80	91	98	100
	1967..	120.6	79	90	99	100
	1963..	90.3	66	81	93	99+
	1958..	81.0	81	87	94	99
	1954..	78.3	79	86	93	(NA)
36120	Transformers, n.s.k.....1972..	24.9	(X)	(X)	(X)	(X)
	1967..	14.9	(X)	(X)	(X)	(X)
	1963..	4.4	(X)	(X)	(X)	(X)
	1958..	5.6	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 36.--ELECTRIC AND ELECTRONIC EQUIPMENT--Con.				
3613-	Switchgear and switchboard apparatus.....1972..	2,055.5	50	64	76	86
	.....1967..	1,598.7	48	62	74	86
	.....1963..	1,008.5	48	61	74	85
	.....1958..	891.4	53	65	76	86
36131	Switchgear, except ducts and relays ¹⁶.....1972..	583.8	55	73	88	99
	.....1967..	455.7	52	67	86	96
36132	Power circuit breakers, all voltages ¹⁶.....1972..	183.2	86	94	99+	100
	.....1967..	209.8	81	95	99+	100
36133	Low voltage panelboards and distribution boards and other switching and interrupting devices 750 volts and under.....1972..	536.9	60	68	79	88
	.....1967..	378.0	57	69	79	89
	.....1963..	304.2	46	61	75	87
	.....1958..	224.2	43	55	71	87
36134	Fuses and fuse equipment, under 2,300 volts (except power distribution cut-outs).....1972..	101.1	83	94	99+	100
	.....1967..	69.2	80	91	99+	100
	.....1963..	41.9	78	89	99	100
	.....1958..	30.7	75	86	98	100
	.....1954..	26.8	63	79	94	(NA)
36135	Molded case circuit breakers, 750 volts and under ¹⁶.....1972..	285.5	72	93	99+	100
	.....1967..	170.2	66	91	99+	100
36136	Duct, including plug-in units and accessories, 750 volts and under ¹⁶.....1972..	71.6	67	90	99+	100
	.....1967..	62.8	79	93	99+	100
36137	Relays, control circuit ¹⁶.....1972..	224.9	40	57	83	98
	.....1967..	193.7	46	66	90	99+
36130	Switchgear and switchboard apparatus, n.s.k.....1972..	68.1	(X)	(X)	(X)	(X)
	.....1967..	59.3	(X)	(X)	(X)	(X)
	.....1963..	16.3	(X)	(X)	(X)	(X)
	.....1958..	15.6	(X)	(X)	(X)	(X)
3621-	Motors and generators.....1972..	2,626.6	45	57	73	86
	.....1967..	2,319.0	44	56	69	85
	.....1963..	1,578.2	47	56	69	85
	.....1958..	1,291.4	48	57	71	85
	.....1954..	1,338.5	48	56	70	(NA)
36211	Fractional horsepower motors.....1972..	1,144.0	47	60	79	93
	.....1967..	842.5	45	57	74	93
	.....1963..	620.3	46	57	77	94
	.....1958..	435.8	51	61	77	97
36212	Integral horsepower motors and generators, except for land transportation equipment.....1972..	561.4	59	75	92	99+
	.....1967..	569.5	53	78	92	99+
	.....1963..	380.2	57	73	88	99
	.....1958..	430.5	60	74	90	99
	.....1954..	410.6	61	77	92	(NA)
36213	Land transportation motors, generators, and control equipment and parts.....1972..	106.3	79	92	100	(X)
	.....1967..	133.4	85	95	99+	100
	.....1963..	89.8	83	93	99+	100
	.....1958..	52.4	88	93	99	100
	.....1954..	81.4	80	90	98	(NA)
36214	Prime mover generator sets, except steam or hydraulic turbine.....1972..	247.3	59	74	96	100
	.....1967..	232.7	49	75	95	100
	.....1963..	104.6	45	65	88	100
	.....1958..	73.9	50	70	94	100
	.....1954..	96.3	35	55	87	(NA)
36217	Motor-generator sets and other rotating equipment, including hermetics (fractional) (1967 product class 36215, part).....1972..	219.0	77	88	97	100
36218	Motor-generator sets and other rotating equipment, including hermetics (integral) (1967 product class 36215, part).....1972..	122.9	76	92	99	100
	.....1967..	345.6	51	69	87	99+
	.....1963..	246.2	52	67	86	98
	.....1958..	164.1	57	69	87	98
36219	Parts and supplies for motors, generators, and motor-generator sets, except for land transportation equipment (1967 product class 36216).....1972..	188.6	39	62	85	98
	.....1967..	158.8	41	57	81	97
	.....1963..	127.6	38	51	73	92
	.....1958..	108.9	46	56	74	90
	.....1954..	88.8	34	49	75	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 36. --ELECTRIC AND ELECTRONIC EQUIPMENT--Con.				
3621-	Motors and generators--Continued					
36210	Motors and generators, n.s.k.....1972..	36.5	(X)	(X)	(X)	(X)
	.....1967..	36.6	(X)	(X)	(X)	(X)
	.....1963..	9.4	(X)	(X)	(X)	(X)
	.....1958..	25.9	(X)	(X)	(X)	(X)
36220	General industry power circuit devices and controls and parts.....1972..	1,295.4	40	51	65	78
	.....1967..	1,071.4	44	56	68	81
	.....1963..	633.3	49	62	74	84
	.....1958..	447.3	54	68	80	90
3623-	Welding apparatus, electric.....1972..	573.7	38	54	71	90
	.....1967..	432.9	36	50	73	89
	.....1963..	324.9	36	51	74	92
	.....1958..	233.2	37	50	74	92
	.....1954..	160.0	37	50	73	(NA)
36231	Arc welding machines, components, and accessories, except electrodes.....1972..	218.5	56	66	85	99
	.....1967..	140.7	61	77	90	99+
	.....1963..	104.5	61	72	89	99
	.....1958..	65.8	54	74	90	99
	.....1954..	36.7	59	78	94	(NA)
36232	Arc welding electrodes, metal.....1972..	220.1	61	86	99+	100
	.....1967..	166.3	60	85	99+	100
	.....1963..	148.2	51	73	99	100
	.....1958..	116.4	54	73	99	100
	.....1954..	72.3	62	79	98	(NA)
36233	Resistance welders, components, accessories, and electrodes.....1972..	114.1	29	50	82	99+
	.....1967..	88.0	38	53	80	99+
	.....1963..	68.3	35	53	80	99
	.....1958..	47.8	31	54	86	99
	.....1954..	51.1	35	60	87	(NA)
36230	Welding apparatus, electric, n.s.k.....1972..	20.9	(X)	(X)	(X)	(X)
	.....1967..	37.9	(X)	(X)	(X)	(X)
	.....1963..	3.8	(X)	(X)	(X)	(X)
	.....1958..	3.2	(X)	(X)	(X)	(X)
3624-	Carbon and graphite products (1967 product class 36240).....1972..	335.8	79	89	97	99+
	.....1967..	295.8	84	91	96	98
	.....1963..	217.8	82	89	96	99+
	.....1958..	156.8	84	89	96	100
	.....1954..	114.5	82	89	95	(NA)
36241	Electrodes (1967 product class 36240, part).....1972..	136.9	(D)	(D)	(X)	(X)
36249	All other carbon and graphite products (1967 product class 36240, part).....1972..	193.8	73	85	97	100
36240	Carbon and graphite products, n.s.k. (1967 product class 36240, part).1972..	5.1	(X)	(X)	(X)	(X)
3629-	Electrical industrial apparatus, n.e.c.....1972..	441.8	28	41	58	78
	.....1967..	398.5	35	48	67	89
	.....1963..	250.5	31	43	58	76
	.....1958..	213.1	31	43	62	80
36291	Capacitors for industrial use, except for electronic applications.....1972..	112.4	78	97	100	(X)
	.....1967..	112.5	65	85	99+	100
	.....1963..	51.4	85	98	(D)	(D)
	.....1958..	57.1	67	86	99	100
	.....1954..	64.2	72	88	99	(NA)
36292	Rectifying apparatus.....1972..	151.5	41	56	80	97
	.....1967..	131.6	48	62	82	98
	.....1963..	86.9	35	52	80	98
	.....1958..	73.1	45	62	86	98
36293	Other electrical equipment for industrial use.....1972..	146.0	27	40	66	88
	.....1967..	135.1	26	40	67	93
	.....1963..	103.1	32	43	60	81
	.....1958..	77.1	31	46	65	83
36290	Electrical industrial apparatus, n.e.c., n.s.k.....1972..	31.9	(X)	(X)	(X)	(X)
	.....1967..	19.4	(X)	(X)	(X)	(X)
	.....1963..	8.5	(X)	(X)	(X)	(X)
	.....1958..	5.8	(X)	(X)	(X)	(X)
3631-	Household cooking equipment.....1972..	1,034.7	46	65	84	98
	.....1967..	630.1	46	64	84	97
	.....1963..	536.7	45	62	81	96
	.....1958..	433.1	42	56	75	95

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 36.--ELECTRIC AND ELECTRONIC EQUIPMENT--Con.				
3631-	Household cooking equipment--Continued					
36311	Electric household ranges and ovens and surface cooking unit equipment and parts, except small appliances.....1972..	582.8	60	80	95	100
	1967..	338.8	66	81	94	100
	1963..	282.1	70	83	95	(D)
	1958..	203.7	67	81	97	100
36312	Household ovens and ranges, equipment and parts, except electric.....1972..	447.1	46	65	86	99
	1967..	289.1	47	66	87	99+
	1963..	253.6	44	61	81	97
	1958..	229.4	40	55	77	96
36310	Household cooking equipment, n.s.k.....1972..	4.9	(X)	(X)	(X)	(X)
	1967..	2.1	(X)	(X)	(X)	(X)
	1963..	1.1	(X)	(X)	(X)	(X)
3632-	Household refrigerators and freezers.....1972..	1,419.4	75	96	99+	100
	1967..	987.6	69	89	99+	100
	1963..	831.8	73	89	99+	100
	1958..	729.2	65	85	99	100
36321	Household refrigerators, including combination refrigerator-freezers..1972..	1,207.8	76	97	(D)	100
	1967..	841.0	70	92	99+	100
	1963..	687.9	76	93	99+	100
	1958..	551.2	73	91	99	100
	1954..	573.1	62	83	99	(NA)
36322	Home and farm freezers.....1972..	199.8	80	96	100	(X)
	1967..	142.8	70	89	100	100
	1963..	143.1	63	82	(D)	(D)
	1958..	178.0	58	78	99	100
	1954..	172.4	44	66	93	(NA)
36320	Household refrigerators and freezers, n.s.k.....1972..	11.8	(X)	(X)	(X)	(X)
	1967..	3.8	(X)	(X)	(X)	(X)
	1963..	0.8	(X)	(X)	(X)	(X)
3633-	Household laundry equipment ¹⁷⁵.....1972..	1,287.3	76	95	99	100
	1967..	931.7	74	92	99+	100
	1963..	766.1	71	90	99	100
	1958..	719.6	67	87	97	99
	1954..	596.3	58	81	97	(NA)
36331	Household mechanical washing machines, dryers, and washer-dryer combinations.....1972..	1,138.5	79	98	100	(X)
	1967..	843.2	77	94	100	100
	1963..	698.8	73	93	(D)	(D)
	1958..	672.2	68	90	99	100
36333	Other household laundry equipment and parts ¹⁷⁵.....1972..	148.7	71	88	98	100
36330	Household laundry equipment, n.s.k.....1972..	2.7	(X)	(X)	(X)	(X)
	1967..	4.7	(X)	(X)	(X)	(X)
	1963..	0.5	(X)	(X)	(X)	(X)
	1958..	0.9	(X)	(X)	(X)	(X)
3634-	Electric housewares and fans.....1972..	1,449.1	39	54	70	87
	1967..	1,065.7	44	56	73	89
	1963..	800.5	35	49	70	87
	1958..	543.8	39	53	71	87
36341	Electric fans, except industrial type.....1972..	127.7	52	71	96	100
	1967..	123.6	47	67	92	100
	1963..	102.1	44	65	91	100
	1958..	77.1	54	75	93	(D)
	1954..	88.4	46	70	92	(NA)
36342	Electric razors and dry shavers.....1972..	64.3	(D)	100	(X)	(X)
	1967..	66.2	95	(D)	100	100
	1963..	53.4	(D)	100	(X)	(X)
	1958..	54.1	(D)	100	(X)	(X)
36343	Other small household electric appliances.....1972..	1,122.7	42	60	77	93
	1967..	790.1	50	62	79	94
	1963..	553.1	41	57	76	92
	1958..	336.2	45	59	78	93
36344	Parts and attachments for small electric appliances.....1972..	84.8	51	68	92	100
	1967..	64.4	59	74	91	100
	1963..	81.5	60	75	92	99
	1958..	55.9	60	80	96	100

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 36.--ELECTRIC AND ELECTRONIC EQUIPMENT--Con.				
3634-	Electric housewares and fans--Continued					
36340	Electric housewares and fans, n.s.k.....1972..	49.6	(X)	(X)	(X)	(X)
	1967..	21.5	(X)	(X)	(X)	(X)
	1963..	10.4	(X)	(X)	(X)	(X)
	1958..	20.6	(X)	(X)	(X)	(X)
36350	Household vacuum cleaners, including parts and attachments.....1972..	438.3	66	86	98	100
	1967..	254.5	62	84	99	100
	1963..	183.1	64	84	98	100
	1958..	155.6	64	84	99	100
36360	Sewing machines and parts, excluding cases and cabinets sold separately.....1972..	152.1	80	88	95	99
	1967..	116.8	80	88	96	99+
	1963..	104.7	82	91	96	99
	1958..	97.7	(D)	92	97	99
	1954..	107.5	76	89	95	(NA)
3639-	Household appliances, n.e.c.....1972..	816.5	45	63	90	98
	1967..	509.7	39	55	82	97
	1963..	415.7	37	51	75	92
	1958..	351.7	32	46	68	91
36391	Household water heaters, electric.....1972..	119.9	62	88	(D)	100
	1967..	63.4	48	69	97	100
	1963..	61.4	40	61	88	99+
	1958..	56.8	37	52	79	(D)
	1954..	48.2	39	55	78	(NA)
36392	Household water heaters, except electric.....1972..	179.5	67	90	99	100
	1967..	130.1	54	81	98	100
	1963..	143.3	51	69	92	99+
	1958..	163.8	42	56	83	99
	1954..	138.4	40	57	80	(NA)
36394	Dishwashing machines and food waste disposers.....1972..	417.9	71	91	(D)	100
	(1967 product class 36393, Other household appliances and parts, part)					
36399	Other household appliances and parts.....1972..	86.3	50	74	98	100
	1967 product class 36393, Other household appliances and parts, part..1967..	298.0	59	77	97	100
	1963..	208.1	54	72	91	99
36390	Household appliances, n.e.c., n.s.k.....1972..	12.8	(X)	(X)	(X)	(X)
	1967..	18.2	(X)	(X)	(X)	(X)
	1963..	2.9	(X)	(X)	(X)	(X)
36410	Electric lamps (bulbs only), including sealed beam lamps.....1972..	1,068.9	87	93	98	99+
	1967..	756.4	88	93	98	99+
	1963..	545.9	89	95	99	99+
	1958..	393.6	90	96	99	99+
	1954..	309.7	93	96	99	(NA)
36430	Current-carrying wiring devices, including lightning rods.....1972..	1,213.4	26	40	57	77
	1967..	789.8	21	32	51	73
	1963..	561.8	26	38	57	75
3644-	Noncurrent-carrying wiring devices.....1972..	831.2	17	31	55	82
	1967..	548.6	17	29	53	81
	1963..	439.3	18	31	56	81
	1958..	341.6	26	41	67	88
36441	Pole, line, and transmission hardware.....1972..	222.3	53	71	93	100
	1967..	130.2	39	60	93	100
	1963..	97.9	40	67	96	100
	1958..	81.2	51	75	98	100
	1954..	70.9	49	71	93	(NA)
36442	Electrical conduit and conduit fittings.....1972..	371.9	29	45	75	97
	1967..	306.9	26	43	74	96
	1963..	242.2	27	43	70	92
	1958..	201.3	41	59	82	95
36443	Other noncurrent-carrying wiring devices and supplies.....1972..	216.2	34	58	83	98
	1967..	98.6	43	63	84	(NA)
	1963..	92.8	44	61	79	94
	1958..	59.1	54	69	86	98
36440	Noncurrent-carrying wiring devices, n.s.k.....1972..	20.8	(X)	(X)	(X)	(X)
	1967..	12.8	(X)	(X)	(X)	(X)
	1963..	6.4	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ -			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 36.--ELECTRIC AND ELECTRONIC EQUIPMENT--Con.				
3645-	Residential lighting fixtures (1967 industry 3642, part).....1972..	738.3	25	32	44	57
36451	Residential type electric fixtures, except portable (1967 product class 36421).....1972..	291.9	46	58	75	92
	1967..	190.5	36	53	71	(NA)
	1963..	158.8	30	47	64	82
36457	Portable residential type lighting fixtures and parts and accessories for residential lighting fixtures.....1972..	320.8	19	29	45	66
	1967 product class 36427, Residential type electric fixtures, portable ¹⁷⁶.....1967..	176.4	17	28	45	69
	1963..	160.2	10	19	36	60
36450	Residential lighting fixtures, n.s.k. ¹⁷⁷.....1972..	133.9	(X)	(X)	(X)	(X)
	1967..	91.0	(X)	(X)	(X)	(X)
	1963..	44.9	(X)	(X)	(X)	(X)
	1958..	56.4	(X)	(X)	(X)	(X)
3646-	Commercial lighting fixtures (1967 industry 3642, part).....1972..	700.3	24	38	59	81
36462	Commercial and institutional-type electric lighting fixtures (1967 product class 36422).....1972..	525.7	28	42	66	87
	1967..	385.4	24	35	54	78
	1963..	299.2	22	34	56	77
	1958..	168.1	17	28	51	75
36463	Industrial-type electric lighting fixtures and parts.....1972..	162.6	26	42	68	91
	1967 product class 36423, Industrial-type electric fixtures ¹⁷⁸.....1967..	120.6	27	48	74	(NA)
	1963..	76.1	25	43	71	89
	1958..	62.4	21	35	56	76
36460	Commercial lighting fixtures, n.s.k. ¹⁷⁷.....1972..	12.0	(X)	(X)	(X)	(X)
36470	Vehicular lighting equipment (1967 product class 36424) ^{5 177}.....1972..	359.2	68	80	92	99+
	1967..	226.1	66	77	91	98
	1963..	157.4	71	84	96	100
	1958..	106.0	69	79	94	99
3648-	Lighting equipment, n.e.c. (1967 industry 3642, part) ¹⁷⁷.....1972..	487.4	24	37	64	83
36485	Outdoor lighting equipment (1967 product class 36425).....1972..	315.9	36	55	85	97
	1967..	199.2	40	58	80	95
	1963..	134.8	40	55	80	95
	1958..	76.3	41	62	84	99
36489	Other electric and nonelectric lighting equipment and parts and accessories (1967 product class 36426, part) ¹⁷⁹.....1972..	164.7	35	47	67	87
	1967..	122.6	27	40	65	89
	1963..	84.7	24	33	51	75
	1958..	68.9	31	43	61	84
36480	Lighting equipment, n.e.c., n.s.k. ¹⁷⁷.....1972..	6.8	(X)	(X)	(X)	(X)
3651-	Radio and TV receiving sets.....1972..	3,625.6	46	69	85	94
	1967..	3,568.2	50	69	85	94
	1963..	2,070.8	43	63	82	93
36511	Household and automobile radios, and radio-phonograph combinations.....1972..	779.2	57	76	96	100
	1967..	697.4	48	72	95	99+
	1963..	531.3	51	74	92	99+
	1958..	344.9	(NA)	(NA)	(NA)	(NA)
36512	Household television receivers, including television combinations....1972..	2,148.7	66	93	100	(X)
	1967..	2,259.7	64	86	99	100
	1963..	1,092.3	58	81	99+	100
	1958..	726.6	55	81	99	100
36514	Recorders, phonographs, and radio and television chassis ¹⁶.....1972..	363.1	36	51	78	98
	1967..	396.1	28	42	75	98
36515	Speaker systems, microphones, home-type electronic kits, and commercial sound equipment, including public address systems ¹⁶.....1972..	251.1	26	46	75	94
	1967..	184.8	24	38	65	(NA)
36510	Radios and TV receiving sets, n.s.k.....1972..	83.6	(X)	(X)	(X)	(X)
	1967..	30.2	(X)	(X)	(X)	(X)
	1963..	16.1	(X)	(X)	(X)	(X)
	1958..	0.6	(X)	(X)	(X)	(X)
36520	Phonograph records, record blanks, and prerecorded tapes.....1972..	537.1	47	60	75	85
	1967..	271.0	58	67	80	91
	1963..	178.7	68	74	83	93
	1958..	136.2	74	81	88	97
	1954..	80.2	69	78	86	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 36.--ELECTRIC AND ELECTRONIC EQUIPMENT--Con.				
3661-	Telephone and telegraph apparatus.....1972..	3,940.1	(D)	(D)	97	99
	.....1967..	2,248.2	(D)	94	98	99+
	.....1963..	1,538.0	(D)	(D)	99	99+
36611	Telephone switching and switchboard equipment.....1972..	1,582.3	(D)	99+	100	(X)
	.....1967..	840.4	(D)	99+	100	(X)
	.....1963..	491.3	(D)	99+	100	(X)
	.....1958..	434.7	(D)	100	(X)	(X)
36612	Other telephone and telegraph (wire) apparatus, equipment, and components.....1972..	2,328.8	(D)	(D)	(D)	99+
	.....1967..	1,399.0	(D)	(D)	98	99+
	.....1963..	1,045.2	(D)	(D)	(D)	100
36610	Telephone and telegraph apparatus, n.s.k.....1972..	29.0	(X)	(X)	(X)	(X)
	.....1967..	8.8	(X)	(X)	(X)	(X)
	.....1963..	1.5	(X)	(X)	(X)	(X)
	.....1958..	7.0	(X)	(X)	(X)	(X)
3662-	Radio and TV communication equipment ¹⁶.....1972..	8,382.2	19	33	56	75
	.....1967..	7,455.1	21	36	59	76
36621	Commercial, industrial, and military communication equipment, except telephone communication equipment.....1972..	1,554.4	40	53	68	81
	.....1967..	1,615.9	39	54	73	87
	.....1963..	1,016.1	38	59	77	88
36622	Radio and television broadcast equipment and closed circuit systems.....1972..	429.7	42	55	72	90
	.....1967..	344.1	53	68	82	95
	.....1963..	149.7	50	63	79	94
	.....1958..	53.8	50	63	79	93
36623	Intercommunication equipment (except telephone and telegraph) and electric alarm and signal systems and devices.....1972..	330.9	24	38	58	81
	.....1967..	231.0	36	49	73	93
	.....1963..	165.8	35	49	72	91
	.....1958..	129.8	40	54	75	91
36624	Electronic navigational aids (except missile-borne and space vehicle-borne equipment).....1972..	1,073.7	46	67	88	98
	.....1967..	1,215.1	51	67	88	99
	.....1963..	1,295.3	53	72	90	99
36625	Electronic search and detection apparatus, including radar, infrared and sonar.....1972..	2,262.9	38	59	83	95
	.....1967..	1,671.2	35	50	78	95
	.....1963..	1,615.0	43	61	80	96
36626	Electronic military, industrial and commercial equipment, n.e.c.....1972..	1,472.3	27	36	53	74
	.....1967..	1,148.7	23	32	50	71
	.....1963..	724.5	17	27	49	72
36627	Space satellite-borne communications systems (complete package).....1972..	124.7	82	92	99+	100
	.....1967..	44.6	64	93	100	(X)
	.....1963..	28.7	83	95	100	(X)
36628	Missile-borne navigation and guidance systems and equipment.....1972..	777.8	52	76	95	99+
	.....1967..	848.9	64	78	94	99+
	.....1963..	972.9	60	77	94	99
36629	Microwave and mobile telephone communication equipment ¹⁶.....1972..	146.5	58	73	91	99+
	.....1967..	165.8	86	95	99	100
36620	Radio, TV communication equipment, n.s.k.....1972..	209.3	(X)	(X)	(X)	(X)
	.....1967..	196.9	(X)	(X)	(X)	(X)
	.....1963..	32.0	(X)	(X)	(X)	(X)
36710	Receiving type electron tubes, except cathode ray.....1972..	189.6	90	98	99+	100
	.....1967..	253.1	89	97	99+	100
	.....1963..	287.9	83	98	99+	100
	.....1958..	337.3	76	94	99	99+
	.....1954..	288.8	79	97	100	-
36720	Cathode ray picture tubes, including rebuilt.....1972..	633.6	82	96	99	99+
	.....1967..	756.6	84	97	99+	100
	.....1963..	248.5	81	94	97	99
	.....1958..	177.3	64	85	96	99
	.....1954..	213.0	58	79	98	(NA)
36730	Transmittal, industrial, and special purpose electron tubes (except X-ray).....1972..	364.7	50	70	95	99+
	.....1967..	361.6	54	73	93	99+
	.....1963..	286.7	44	68	92	99+
	.....1958..	224.9	52	69	94	(D)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 36.—ELECTRIC AND ELECTRONIC EQUIPMENT—Con.				
3674-	Semiconductors and related devices.....1972..	2,362.0	53	66	78	91
	.....1967..	1,162.0	46	62	83	96
	.....1963..	623.3	39	59	85	97
	.....1958..	236.7	46	64	92	99
36741	Integrated microcircuits (semiconductor networks) ¹⁶.....1972..	1,273.9	69	79	91	98
	.....1967..	247.5	67	83	97	100
36742	Transistors ¹⁶.....1972..	409.1	70	84	97	(D)
	.....1967..	447.0	56	77	95	100
36743	Diodes and rectifiers ¹⁶.....1972..	300.8	46	79	88	99+
	.....1967..	287.5	37	61	91	100
36749	Other semiconductor devices ¹⁶.....1972..	337.2	39	57	83	97
	.....1967..	176.0	39	59	86	99+
36740	Semiconductors and related devices, n.s.k. ¹⁶.....1972..	41.0	(X)	(X)	(X)	(X)
	.....1967..	4.0	(X)	(X)	(X)	(X)
36750	Capacitors for electronic applications (1967 product class 36792).....1972..	454.4	38	56	80	94
	.....1967..	430.7	35	54	77	94
	.....1963..	318.8	36	56	77	92
	.....1958..	183.6	40	57	83	96
36760	Resistors for electronic applications (1967 product class 36793).....1972..	438.5	40	60	83	96
	.....1967..	442.4	38	55	78	96
	.....1963..	312.6	39	53	77	94
	.....1958..	146.8	43	60	84	99
36770	Coils, transformers, reactors, and chokes for electronic appli- cations (1967 product class 36794) ¹⁸⁰.....1972..	391.8	14	25	46	70
	.....1967..	446.5	23	33	61	80
	.....1963..	274.4	21	30	46	66
	.....1958..	192.0	(NA)	(NA)	(NA)	(NA)
36780	Electronic connectors (1967 product class 36795, part) ¹⁸⁰.....1972..	521.1	48	66	82	95
36790	Electronic components, n.e.c., (1967 product classes 36795, part; and 36790).....1972..	3,211.8	33	39	50	62
	1967 product class 36795, Other electronic components and acces- sories, n.e.c., (1972 product classes 36780 and 36790, part) ¹⁸⁰.....1967..	2,860.4	37	45	56	69
	.....1963..	1,496.7	17	27	42	56
	1967 product class 36790, Electronic components, n.e.c., n.s.k., (1972 product class 36790, part) ¹⁸⁰.....1967..	240.1	(X)	(X)	(X)	(X)
	.....1963..	98.8	(X)	(X)	(X)	(X)
	.....1958..	90.2	(X)	(X)	(X)	(X)
3691-	Storage batteries.....1972..	950.3	58	85	93	98
	.....1967..	579.4	60	81	92	97
	.....1963..	504.5	60	78	92	97
	.....1958..	361.5	64	81	91	96
	.....1954..	336.1	65	80	90	(NA)
36911	Storage batteries, starting, lighting, and ignition (SLI) type.....1972..	701.0	66	92	97	99+
	.....1967..	404.8	62	88	96	99+
	.....1963..	360.9	64	86	94	98
	.....1958..	279.0	66	86	92	98
	.....1954..	258.8	64	82	91	(NA)
36912	Storage batteries, other than SLI type, including parts for storage batteries, all types.....1972..	225.7	64	80	99	100
	.....1967..	154.7	76	90	99+	100
	.....1963..	139.1	66	90	96	100
	.....1958..	78.5	72	93	99	100
36910	Storage batteries, n.s.k.....1972..	23.6	(X)	(X)	(X)	(X)
	.....1967..	19.9	(X)	(X)	(X)	(X)
	.....1963..	4.5	(X)	(X)	(X)	(X)
	.....1958..	4.0	(X)	(X)	(X)	(X)
36920	Primary batteries, dry and wet.....1972..	318.3	91	96	99	100
	.....1967..	327.9	85	95	99+	100
	.....1963..	191.6	83	91	99+	100
	.....1958..	135.7	84	94	99	100
	.....1954..	117.9	80	94	99	(NA)
36930	X-ray equipment, including X-ray tubes and electrotherapeutic apparatus.....1972..	380.1	52	70	86	98
	.....1967..	179.8	49	66	87	99
	.....1963..	108.6	49	66	85	98
	.....1958..	73.0	52	65	80	93

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²					
		Total (million dollars)	Percent accounted for by ³ —				
			4 largest companies	8 largest companies	20 largest companies	50 largest companies	
		MAJOR GROUP 36.--ELECTRIC AND ELECTRONIC EQUIPMENT--Con.					
3694-	Engine electrical equipment.....	1972..	1,780.7	62	75	85	93
		1967..	1,220.2	62	74	85	93
		1963..	873.9	68	77	85	94
		1958..	¹⁵ 586.9	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
		1954..	588.2	63	79	87	(NA)
36941	Ignition harness and cable sets.....	1972..	112.8	43	58	83	99+
		1967..	76.5	45	66	90	100
		1963..	58.9	58	78	94	100
		1958..	¹⁵ 28.8	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)
		1954..	53.9	77	86	96	(NA)
36942	Battery charging generators.....	1972..	382.0	80	91	98	99+
		1967..	288.3	77	88	95	99+
		1963..	199.3	83	93	97	99+
		1958..	104.9	87	94	99	(D)
36943	Cranking motors.....	1972..	313.6	88	96	99+	100
		1967..	221.1	89	94	98	99+
		1963..	134.7	(D)	(D)	99+	100
		1958..	82.3	97	99	(D)	(X)
36944	Spark plugs.....	1972..	290.3	99+	100	(X)	(X)
		1967..	186.4	98	99+	100	(X)
		1963..	143.8	96	99	(D)	100
		1958..	123.1	(D)	(D)	(D)	100
36945	Other complete electrical equipment for internal combustion engines.....	1972..	411.7	63	75	92	99+
		1967..	267.6	60	73	90	100
		1963..	217.1	60	73	89	99
		1958..	133.8	53	68	86	99
36946	Components and parts for engine electrical equipment.....	1972..	225.5	62	79	95	99+
		1967..	150.6	61	77	95	100
		1963..	114.7	55	69	90	(D)
		1958..	103.3	54	70	90	(D)
36940	Engine electrical equipment, n.s.k.....	1972..	44.8	(X)	(X)	(X)	(X)
		1967..	29.6	(X)	(X)	(X)	(X)
		1963..	5.4	(X)	(X)	(X)	(X)
		1958..	10.6	(X)	(X)	(X)	(X)
3699-	Electrical equipment and supplies, n.e.c.....	1972..	⁴ 560.5	26	33	45	60
		1967..	⁴ 322.1	35	44	58	75
		1963..	⁴ 233.9	43	50	64	79
		1958..	⁴ 183.0	45	55	67	80
36992	Lamp bulb components and other electrical products.....	1972..	319.6	44	53	69	84
		1967..	192.4	50	62	77	96
		1963..	156.9	58	66	80	94
		1958..	115.8	66	76	86	97
36996	Appliance wire and cord and flexible cord sets (manufactured from purchased materials). (See also code 33576.).....	1972..	⁴ 94.5	36	57	86	(D)
		1967..	⁴ 92.6	31	45	70	96
		1963..	⁴ 66.0	34	48	70	94
		1958..	⁴ 60.9	33	45	66	88
36990	Electrical equipment and supplies, n.e.c., n.s.k.....	1972..	146.4	(X)	(X)	(X)	(X)
		1967..	37.1	(X)	(X)	(X)	(X)
		1963..	10.9	(X)	(X)	(X)	(X)
		1958..	6.3	(X)	(X)	(X)	(X)
		MAJOR GROUP 37.--TRANSPORTATION EQUIPMENT					
3711-	Motor vehicles and car bodies ¹⁶	1972..	41,054.3	93	99	99+	99+
		1967..	25,921.6	93	98	99+	99+
37111	Passenger cars, knocked down or assembled, and chassis for sale separately.....	1972..	29,246.2	99+	(D)	100	(X)
		1967..	19,277.4	99	(D)	100	(X)
		1963..	16,768.3	99	(D)	100	(X)
		1958..	9,217.7	99	(D)	100	(X)
		1954..	9,471.8	98	99	100	(X)
37112	Truck tractors, truck chassis and trucks (chassis of own manufacture).....	1972..	9,567.8	84	97	99+	100
		1967..	4,263.7	82	95	99+	100
		1963..	3,376.2	81	96	99+	99+
		1958..	1,933.7	78	96	99	100
		1954..	1,732.1	77	93	99	(NA)
37113	Buses (except trolley buses) and fire department vehicles (chassis of own manufacture).....	1972..	240.9	80	93	100	(X)
		1967..	179.8	82	95	100	(X)
		1963..	182.5	83	92	(D)	100
		1958..	99.2	84	94	99	100

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²					
		Total (million dollars)	Percent accounted for by ³ —				
			4 largest companies	8 largest companies	20 largest companies	50 largest companies	
		MAJOR GROUP 37.--TRANSPORTATION EQUIPMENT--Continued					
3711-	Motor vehicles and car bodies--Continued						
37114	Combat vehicles, wheeled or tracked tactical vehicles or carriers (excluding tanks) ¹⁶ and Passenger car bodies ¹⁶	1972..	1,965.7	(D)	(D)	100	(X)
37115		1967..	2,160.1	(D)	98	99+	100
37110	Motor vehicles and car bodies, n.s.k.....	1972..	33.7	(X)	(X)	(X)	(X)
		1967..	40.7	(X)	(X)	(X)	(X)
3713-	Truck and bus bodies (1967 product class 37130).....	1972..	1,448.8	25	32	45	62
		1967..	595.4	20	28	43	61
		1963..	419.7	23	33	49	66
		1958..	274.9	19	27	43	63
		1954..	215.2	18	26	42	(NA)
37131	Truck, bus, and other vehicle bodies, except passenger car bodies (1967 product class 37130, part).....	1972..	622.7	16	27	47	66
37132	Complete vehicles, except passenger cars, produced on purchased chassis (1967 product class 37130, part).....	1972..	712.1	44	55	74	91
37130	Truck and bus bodies, n.s.k. (1967 product class 37130, part).....	1972..	114.0	(X)	(X)	(X)	(X)
3714-	Motor vehicle parts and accessories ¹⁶	1972..	19,399.2	62	70	79	87
		1967..	11,735.2	61	69	79	88
37141	Parts and accessories for motor vehicles, excluding kits and rebuilt parts ¹⁶	1972..	18,743.9	64	72	82	90
		1967..	11,326.9	63	71	81	90
37143	Rebuilt engines and parts for motor vehicles, except carburetors ¹⁶	1972..	365.5	25	39	61	82
		1967..	197.5	20	36	57	79
37140	Motor vehicle parts and accessories, n.s.k. ¹⁶	1972..	289.8	(X)	(X)	(X)	(X)
		1967..	210.7	(X)	(X)	(X)	(X)
3715-	Truck trailers (1967 product class 37130).....	1972..	1,077.3	46	60	76	89
		1967..	702.2	48	62	82	94
		1963..	484.7	60	70	81	91
		1958..	284.0	52	63	76	91
		1954..	262.0	56	65	81	(NA)
37151	Truck trailers and chassis (16,000 pounds per axle or over) (1967 product class 37150, part).....	1972..	962.7	52	67	83	95
37152	Truck trailers and chassis (less than 10,000 pounds per axle) (1967 product class 37150, part).....	1972..	64.6	54	74	94	100
37150	Truck trailers, n.s.k. (1967 product class 37150, part).....	1972..	50.0	(X)	(X)	(X)	(X)
3721-	Aircraft.....	1972..	7,538.3	69	87	98	99+
		1967..	9,172.2	76	89	99	99+
		1963..	4,330.5	58	82	98	99+
		1958..	5,362.8	62	83	97	99
		1954..	5,546.0	55	79	97	(NA)
37211	Complete aircraft, military type.....	1972..	2,802.9	74	94	99+	100
		1967..	4,408.0	77	95	99+	100
		1963..	2,470.3	68	89	99+	100
		1958..	3,501.7	61	86	99	100
37212	Complete aircraft, personal and utility type.....	1972..	474.2	74	93	100	(X)
37213	Complete aircraft, commercial transport type.....	1972..	2,787.3	97	(D)	100	(X)
37212	Complete aircraft, personal and utility type; and Complete aircraft, commercial transport type ¹⁶	1967..	3,504.9	(D)	96	(D)	100
37213							
37214	Modifications, conversions, and overhaul of previously accepted aircraft.....	1972..	373.9	63	83	99	100
		1967..	596.8	57	82	99	100
		1963..	465.5	64	90	99+	100
		1958..	298.8	70	92	99	100
37216	Other aeronautical services on aircraft.....	1972..	1,067.1	77	94	99+	100
		1967..	635.2	77	94	99+	100
		1963..	668.4	78	91	99	100
		1958..	574.0	62	82	97	99
37210	Aircraft, n.s.k.....	1972..	32.9	(X)	(X)	(X)	(X)
		1967..	27.3	(X)	(X)	(X)	(X)
		1963..	7.5	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 37.--TRANSPORTATION EQUIPMENT--Continued				
3724-	Aircraft engines and engine parts (1967 industry 3722, part).....1972..	3,069.7	74	83	90	96
	1967 industry 3722, Aircraft engines and engine parts ¹⁸¹.....1967..	4,781.7	62	78	90	96
	1963..	3,609.7	58	76	91	97
	1958..	3,325.9	56	74	89	96
	1954..	3,190.5	63	81	91	(NA)
37241	Aircraft engines for U.S. military customers (1967 product class 37221).....1972..	437.2	96	99+	100	(X)
	1967..	1,087.6	94	98	99+	100
	1963..	644.4	97	99	99+	100
37242	Aircraft engines for other than U.S. military customers (1967 product class 37222).....1972..	609.2	92	99+	100	(X)
	1967..	690.7	(D)	99+	100	(X)
	1963..	150.0	(D)	(D)	100	(X)
37243	Aeronautical services on aircraft engines (1967 product class 37223)..1972..	692.0	83	96	(D)	100
	1967..	526.5	94	99+	100	(X)
	1963..	385.3	87	98	99+	100
37244	Aircraft engine parts and accessories (1967 product class 37224).....1972..	1,306.7	57	72	83	93
	1967..	1,422.9	55	71	84	94
	1963..	932.1	53	68	85	95
37240	Aircraft engines and engine parts, n.s.k. (1967 product class 37220)..1972..	24.6	(X)	(X)	(X)	(X)
	1967 product class 37220 (1972 product classes 37240 and 37640).....1967..	30.9	(X)	(X)	(X)	(X)
	1963..	8.9	(X)	(X)	(X)	(X)
3728-	Aircraft equipment, n.e.c. (1967 industry 3729, part).....1972..	3,433.7	30	45	70	85
	1967 industry 3729, Aircraft equipment, n.e.c. ¹⁸².....1967..	5,542.2	25	39	61	77
	1963..	3,901.0	25	38	59	77
37281	Aircraft parts and accessories, n.e.c. (1967 product class 37291).....1972..	3,169.6	31	46	71	87
	1967..	4,085.4	31	43	64	80
	1963..	2,215.3	28	39	59	77
	1958..	2,860.6	(¹²)	(¹²)	(¹²)	(¹²)
	1954..	2,866.6	17	28	45	(NA)
37283	Research and development on aircraft parts (1967 product class 37293)..1972..	99.5	75	88	98	100
	1967..	85.7	59	83	98	100
	1963..	74.5	82	90	99	100
37285	Aircraft propellers (1967 product class 37295) ¹⁸³.....1972..	58.3	81	98	100	(X)
	1967..	119.5	77	93	(D)	100
	1963..	109.0	87	98	99+	100
	1958..	167.0	(¹²)	(¹²)	(¹²)	(¹²)
	1954..	191.0	90	96	99	(NA)
37280	Aircraft equipment, n.e.c., n.s.k. (1967 product class 37290, part)...1972..	110.3	(X)	(X)	(X)	(X)
	1967 product class 37290 (1972 product classes 37280 and 37690) ¹⁶.....1967..	174.4	(X)	(X)	(X)	(X)
3731-	Ship building and repairing.....1972..	3,200.5	46	63	80	91
	1967..	2,357.9	42	60	78	89
	1963..	1,518.0	48	63	81	92
	1958..	1,467.4	48	66	80	91
	1954..	970.3	43	59	74	(NA)
37311	Nonpropelled ships, new construction.....1972..	361.7	44	73	95	99+
	1967..	149.0	46	68	93	100
	1963..	82.2	48	66	92	99+
	1958..	95.3	36	61	90	99
37312	Self-propelled U.S. military ships, new construction.....1972..	1,100.0	90	97	99+	100
	1967..	973.8	68	88	99	100
	1963..	681.8	70	89	99+	100
	1958..	470.0	63	88	91	100
37313	Self-propelled nonmilitary ships, new construction.....1972..	816.0	39	60	83	96
	1967..	361.8	44	59	77	92
	1963..	242.8	67	79	93	99
	1958..	441.2	77	89	95	99
37314	Repair of U.S. military ships.....1972..	386.5	55	74	93	99+
	1967..	423.0	48	69	90	98
	1963..	221.9	46	64	86	98
	1958..	123.8	42	55	77	96
37316	Repair of nonmilitary ships.....1972..	484.2	49	65	77	89
	1967..	407.2	49	62	79	91
	1963..	277.4	44	56	75	89
	1958..	326.8	47	59	74	87

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 37.--TRANSPORTATION EQUIPMENT--Continued				
3731-	Ship building and repairing--Continued					
37310	Ship building and repairing, n.s.k.....1972..	52.1	(X)	(X)	(X)	(X)
	1967..	43.2	(X)	(X)	(X)	(X)
	1963..	11.9	(X)	(X)	(X)	(X)
	1958..	10.3	(X)	(X)	(X)	(X)
3732-	Boat building and repairing.....1972..	1,026.3	15	24	38	54
	1967..	570.8	19	27	40	55
	1963..	338.1	21	29	42	56
	1958..	300.1	16	23	34	50
	1954..	163.6	18	24	37	(NA)
37322	Outboard motorboats, including prefabricated kits.....1972..	233.8	20	33	58	84
	1967..	70.2	30	49	71	90
	1963..	79.6	28	42	64	87
	1958..	108.4	19	29	50	77
37325	Inboard motorboats, including inboard-outdrive houseboats (1967 product class 37321, part).....1972..	285.3	35	59	78	96
37326	Inboard-outdrive boats, except houseboats (1967 product class 37321, part).....1972..	95.9	37	57	81	99+
	1967 product class 37321, Inboard motorboats (1972 product classes 37325 and 37326).....1967..	259.0	39	53	73	90
	1963..	125.9	52	64	78	93
	1958..	76.1	57	68	82	92
37327	All other boats (sailboats, rowboats, canoes, etc.) (1967 product class 37323).....1972..	130.5	34	53	73	89
	1967..	45.6	34	50	74	91
	1963..	36.5	34	49	70	90
	1958..	15.5	40	52	74	94
37328	Boat repair (1967 product class 37324).....1972..	74.4	21	30	50	78
	1967..	82.2	18	29	50	75
	1963..	42.6	17	26	44	70
	1958..	55.1	17	26	40	56
37320	Boat building and repairing, n.s.k.....1972..	206.4	(X)	(X)	(X)	(X)
	1967..	114.0	(X)	(X)	(X)	(X)
	1963..	53.5	(X)	(X)	(X)	(X)
	1958..	45.1	(X)	(X)	(X)	(X)
3743-	Railroad equipment (1967 industries 3741 and 3742).....1972..	2,275.5	55	68	89	97
	1967 industry 3741, Locomotives and parts.....1967..	569.0	(D)	95	99	100
	1963..	378.1	92	96	99	100
	1958..	355.2	92	97	99	99+
	1954..	365.2	89	97	99	(NA)
	1967 industry 3742, Railroad and street cars.....1967..	1,374.5	53	69	90	98
	1963..	871.0	52	70	89	98
	1958..	528.6	54	73	91	99
	1954..	468.2	58	74	94	(NA)
37431	Locomotives and parts (1967 product classes 37411, 37412, and 37413).....1972..	1,750.7	65	79	96	99+
37432	Passenger and freight train cars, new (1967 product classes 37421 and 37422).....1972..					
	1967 product class 37411, Locomotives, new and rebuilt, railroad road service and switching type.....1967..	310.3	(D)	100	(X)	(X)
	1967 product class 37412, Mining and industrial type locomotives, new and rebuilt.....1967..	9.6	(D)	100	(X)	(X)
	1963..	8.7	90	100	(X)	(X)
	1958..	14.8	97	(D)	100	(X)
	1954..	14.9	81	(D)	100	(X)
	1967 product class 37413, Parts for locomotives, for sale separately..1967..	248.0	(D)	(D)	99+	100
	1967 product class 37421, Passenger train cars, new.....1967..	6.4	(D)	100	(X)	(X)
	1963..	36.5	(D)	100	(X)	(X)
	1958..	11.4	(D)	100	(X)	(X)
	1967 product class 37422, Freight train cars, new.....1967..	1,020.1	68	86	(D)	100
	1963..	523.0	77	92	99+	100
37433	Streetcars, parts and accessories for railroad cars and streetcars, and rebuilt passenger and freight train cars (1967 product class 37423).....1972..	501.2	49	67	85	99
	1967..	340.4	37	54	81	98
	1963..	310.2	46	63	84	98
37430	Railroad equipment, n.s.k.....1972..	23.7	(X)	(X)	(X)	(X)
	1967..	8.8	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 37.--TRANSPORTATION EQUIPMENT--Continued				
3751-	Motorcycles, bicycles, and parts (1967 product class 37510, part).....1972..	540.8	64	78	89	95
	1967..	262.6	54	73	93	99+
	1963..	163.4	47	73	92	99
	1958..	105.8	52	75	95	99
	1954..	88.3	47	72	93	(NA)
37511	Bicycles and parts (1967 product class 37510, part).....1972..	397.0	70	89	99+	100
37512	Motorcycles and parts (1967 product class 37510, part).....1972..	112.3	(D)	77	89	99+
37510	Motorcycles, bicycles, and parts, n.s.k. (1967 product class 37510, part).....1972..	31.5	(X)	(X)	(X)	(X)
3761-	Guided missiles and space vehicles (1967 industry 1925).....1972..	3,705.4	59	86	99+	100
37611	Missile systems, excluding propulsion (1967 product class 19251).....1972..	1,246.3	75	95	100	(X)
37612	Space vehicle systems, excluding propulsion (1967 product class 19252).....1972..	754.8	93	(D)	100	(X)
37613	Research and development on complete missiles (1967 product class 19253).....1972..	660.8	78	94	100	(X)
37614	Research and development on complete space vehicles (1967 product class 19254).....1972..	599.8	85	97	100	(X)
37615	All other services on complete missiles and space vehicles (1967 product class 37255).....1972..	440.2	65	93	100	(X)
37610	Guided missiles and space vehicles, n.s.k. (1967 product class 19250).....1972..	3.5	(X)	(X)	(X)	(X)
3764-	Space propulsion units and parts (1967 industry 3722, part) ¹⁸¹.....1972..	740.6	52	84	97	99+
37645	Complete missile or space vehicle engines (1967 product class 37225).....1972..	434.6	71	94	100	(X)
	1967..	451.7	82	99	100	(X)
	1963..	582.6	82	99+	100	(X)
37646	Research and development on complete missile or space vehicle engines (1967 product class 37226).....1972..	143.4	72	90	100	(X)
	1967..	389.1	76	95	100	(X)
	1963..	696.8	89	(D)	100	(X)
37647	All other services on complete missile or space vehicle engines (1967 product class 37227).....1972..	115.0	(D)	100	(X)	(X)
	1967..	88.4	89	100	(X)	(X)
	1963..	61.7	95	99+	100	(X)
37648	Missile and space vehicle engine parts and accessories (1967 product class 37228).....1972..	47.1	55	71	94	100
	1967..	93.9	48	66	87	99+
	1963..	147.8	48	66	86	97
37640	Space propulsion units and parts, n.s.k. (1967 product class 37220, part).....1972..	0.5	(X)	(X)	(X)	(X)
3769-	Space vehicle equipment, n.e.c. (1967 industry 3729, part) ¹⁸².....1972..	833.8	52	66	87	97
37692	Missile and space vehicle parts and subassemblies, n.e.c. (1967 product class 37292).....1972..	428.3	41	59	84	97
	1967..	674.0	36	50	70	88
	1963..	1,009.3	45	56	75	90
	1958..	509.2	57	51	96	99
37694	Research and development on missile and space vehicle parts and components, n.e.c. (1967 product class 37294).....1972..	405.5	(D)	91	99	100
	1967..	403.2	(D)	85	96	100
	1963..	420.4	61	76	92	99+
	1958..	380.7	56	79	99	100
37690	Space vehicle equipment, n.e.c., n.s.k. (1967 product class 37290, part).....1972..	-	(X)	(X)	(X)	(X)
3792-	Travel trailers and campers (1967 industries 3791, part and 3799, part) ¹⁸⁵.....1972..	1,270.3	20	28	41	58
37921	Recreation type trailers (1967 product class 37910, part) ¹⁸⁶.....1972..	620.3	39	51	69	87
37922	Camping trailers, campers, and pickup covers (1967 product classes 37910, part and 37991, part) ¹⁸⁷.....1972..	273.2	25	36	54	76
37920	Travel trailers and campers, n.s.k. (1967 product class 37910, part and industry 3799, part).....1972..	376.8	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 37.--TRANSPORTATION EQUIPMENT--Continued				
37950	Tanks and tank components (1967 product class 19310).....1972..	285.1	83	92	98	100
3799-	Transportation equipment, n.e.c. (1967 industries 3751, part; 3791, part; and 3799, part) ¹⁸⁸.....1972..	786.5	26	38	53	71
37993	Golf carts, self-propelled (1967 product class 37510, part) ¹⁸⁹.....1972..	54.1	90	99	100	(X)
37994	Snowmobiles, self-propelled (1967 product class 37992, part) ¹⁹⁰.....1972..	203.1	85	96	(D)	100
37999	Other transportation equipment (1967 product classes 37991, part and 37992, part) ¹⁹¹.....1972..	464.6	20	29	46	70
37990	Transportation equipment, n.e.c., n.s.k. (1967 product classes 37510, part; 37910, part; and 37990, part).....1972..	64.7	(X)	(X)	(X)	(X)
		MAJOR GROUP 38.--INSTRUMENTS AND RELATED PRODUCTS				
3811-	Engineering and scientific instruments.....1972..	1,106.0	19	29	44	62
	.....1967..	1,049.0	29	38	53	69
	.....1963..	688.5	29	43	57	74
	.....1958..	758.6	33	50	64	78
38111	Aeronautical, nautical and navigational instruments.....1972..	573.7	35	52	73	90
	.....1967..	585.5	55	61	77	97
	.....1963..	410.6	47	69	84	95
	.....1958..	509.9	47	72	89	98
	.....1954..	536.9	48	71	86	(NA)
38112	Laboratory and scientific instruments.....1972..	335.9	20	28	44	67
	.....1967..	259.7	15	27	46	(NA)
	.....1963..	161.6	16	31	51	70
38113	Surveying and drafting instruments and laboratory furniture.....1972..	131.2	45	57	78	98
	.....1967..	139.4	49	64	85	97
	.....1963..	104.0	39	56	75	92
38110	Engineering and scientific instruments, n.s.k.....1972..	70.2	(X)	(X)	(X)	(X)
	.....1967..	64.6	(X)	(X)	(X)	(X)
	.....1963..	12.3	(X)	(X)	(X)	(X)
	.....1958..	19.7	(X)	(X)	(X)	(X)
38220	Automatic temperature controls.....1972..	658.1	57	73	89	97
	.....1967..	523.6	57	71	90	98
	.....1963..	431.6	58	71	91	98
	.....1958..	319.9	68	78	94	99
	.....1954..	259.7	66	77	93	(NA)
38230	Process control instruments (1967 product class 38213, part) ¹⁹².....1972..	794.7	27	41	63	81
3824-	Fluid meters and counting devices (1967 industry 3821, Mechanical measuring devices, part).....1972..	328.7	51	72	91	98
38242	Integrating meters, nonelectrical type (1967 product class 38212)....1972..	207.7	68	90	99	100
	.....1967..	189.2	67	88	99+	100
	.....1963..	163.7	72	93	99+	100
	.....1958..	119.4	66	88	99	100
	.....1954..	107.1	62	83	98	(NA)
38243	Counting devices (1967 product class 38216, part) ¹⁹³.....1972..	48.8	73	84	95	100
38244	Motor vehicle instruments, except electric (1967 product class 38214).....1972..	71.4	82	90	(D)	100
	.....1967..	91.4	85	95	100	(X)
	.....1963..	95.8	85	93	98	100
	.....1958..	70.8	92	99	100	(X)
38240	Fluid meters and counting devices, n.s.k. (1967 industry 3821, Mechanical measuring devices, part).....1972..	0.8	(X)	(X)	(X)	(X)
3825-	Instruments to measure electricity (1967 industry 3611) ¹⁹⁴.....1972..	1,329.7	32	42	57	71
	.....1967..	1,165.1	31	39	54	71
	.....1963..	755.6	30	41	57	73
	.....1958..	587.8	21	35	53	71
38251	Integrating instruments, electrical.....1972..	169.5	79	91	98	(D)
	.....1967..	101.6	76	87	99	100
	.....1963..	93.2	84	96	99	100
	.....1958..	88.8	82	91	99	99+
	.....1954..	73.1	93	99	99	(NA)
38252	Test equipment for testing electrical, radio, and communication circuits, and motors.....1972..	869.0	45	53	66	81
	.....1967..	700.4	42	51	65	81
	.....1963..	443.4	38	47	61	78
	.....1958..	341.9	26	38	57	75
	.....1954..	190.0	17	29	50	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 38.--INSTRUMENTS AND RELATED PRODUCTS--Con.				
3825-	Instruments to measure electricity--Continued					
38253	Other electrical measuring instruments ¹⁹⁴.....1972..	223.4	26	44	66	86
	.....1967..	306.7	26	42	66	(NA)
	.....1963..	204.7	32	50	71	89
	.....1958..	140.1	43	57	78	91
38250	Instruments to measure electricity, n.s.k. (1967 product class 36110).1972..	67.8	(X)	(X)	(X)	(X)
	.....1967..	56.5	(X)	(X)	(X)	(X)
	.....1963..	14.2	(X)	(X)	(X)	(X)
	.....1958..	17.0	(X)	(X)	(X)	(X)
3829-	Measuring and controlling devices, n.e.c. (1967 industry 3821, Mechanical measuring devices, part).....1972..	595.2	20	32	46	65
38291	Aircraft engine instruments, except electric (1967 product class 38211).....1972..	74.5	61	75	95	100
	.....1967..	120.0	64	81	97	100
	.....1963..	66.4	55	73	97	100
	.....1958..	55.5	54	77	97	100
	.....1954..	80.5	42	59	87	(NA)
38292	Physical properties testing and inspection equipment (1967 product class 38213, part) ¹⁹².....1972..	106.3	25	39	64	86
38293	Commercial, meteorological, and general purpose instruments (1967 product class 38213, part) ¹⁹².....1972..	103.8	50	64	84	98
38294	Nuclear radiation, detection, and monitoring instruments (1967 product class 38216, part) ¹⁹³.....1972..	198.2	51	63	82	98
38290	Measuring and controlling devices, n.e.c., n.s.k. (1967 industry 3821, Mechanical measuring devices, part).....1972..	112.4	(X)	(X)	(X)	(X)
3832-	Optical instruments and lenses ¹⁹⁵.....1972..	584.7	38	49	63	77
	.....1967..	451.9	43	55	70	85
	.....1963..	269.5	37	49	69	86
	.....1958..	115.5	38	55	73	87
38321	Optical instruments and lenses, except sighting and fire-control equipment (1967 product class 38311).....1972..	444.4	48	62	74	88
	.....1967..	353.8	51	64	77	94
	.....1963..	212.8	43	55	73	87
38322	Sighting and fire-control equipment, made from lenses, prisms, etc., produced in the same plant (1967 product class 38312).....1972..	51.1	59	79	98	100
	.....1967..	69.5	57	80	98	100
	.....1963..	51.1	58	87	99	100
38323	Sighting and fire-control equipment, made from purchased lenses (1967 product class 19410).....1972..	32.0	66	87	99	100
38320	Optical instruments and lenses, n.s.k. ¹⁹⁵.....1972..	57.2	(X)	(X)	(X)	(X)
	.....1967..	28.6	(X)	(X)	(X)	(X)
	.....1963..	5.7	(X)	(X)	(X)	(X)
38410	Surgical and medical instruments and apparatus.....1972..	987.3	32	45	62	77
	.....1967..	542.9	31	48	61	83
	.....1963..	290.6	34	46	62	80
	.....1958..	130.6	29	40	59	81
3842-	Surgical appliances and supplies.....1972..	1,139.7	35	45	60	75
	.....1967..	691.3	36	45	60	75
	.....1963..	461.8	39	49	62	77
	.....1958..	362.0	41	50	64	77
38421	Surgical, orthopedic, and prosthetic appliances and supplies.....1972..	781.9	49	61	78	90
	.....1967..	475.0	49	61	75	87
	.....1963..	318.2	52	63	77	87
	.....1958..	256.6	53	62	74	87
38423	Personal industrial safety devices.....1972..	226.1	34	48	72	92
	.....1967..	144.4	43	57	79	94
	.....1963..	97.4	44	55	73	92
	.....1958..	56.4	50	60	78	97
38424	Electronic hearing aids.....1972..	50.0	67	90	100	100
	.....1967..	40.9	60	82	97	100
	.....1963..	35.3	63	85	(D)	(D)
	.....1958..	39.5	64	86	98	100
	.....1954..	29.0	78	93	99	(NA)
38420	Surgical appliances and supplies, n.s.k.....1972..	81.7	(X)	(X)	(X)	(X)
	.....1967..	31.1	(X)	(X)	(X)	(X)
	.....1963..	11.0	(X)	(X)	(X)	(X)
	.....1958..	9.6	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²						
		Total (million dollars)	Percent accounted for by ³ —					
			4 largest companies	8 largest companies	20 largest companies	50 largest companies		
		MAJOR GROUP 38.--INSTRUMENTS AND RELATED PRODUCTS--Con.						
38430	Dental equipment and supplies.....	1972..	352.1	32	45	68	84	
		1967..	201.8	37	48	69	86	
		1963..	139.5	37	48	67	85	
		1958..	110.7	41	53	68	86	
		1954..	79.5	37	49	68	(NA)	
3851-	Ophthalmic goods ¹⁹⁶	1972..	480.9	50	60	73	86	
		1967..	377.5	44	53	67	81	
		1963..	244.1	45	57	74	88	
		1958..	168.0	47	58	71	85	
		1954..	136.5	47	56	72	(NA)	
38511	Ophthalmic fronts and temples ¹⁶	1972..	109.1	36	60	87	(D)	
		1967..	84.2	46	64	87	99+	
38512	Ophthalmic focus lenses, including contact lenses ¹⁶	1972..	134.4	72	83	93	99	
		1967..	134.2	65	78	90	97	
38513	All other ophthalmic goods ¹⁶	1972..	160.8	56	72	90	99+	
		1967..	124.3	46	59	80	97	
38510	Ophthalmic goods, n.s.k.....	1972..	76.6	(X)	(X)	(X)	(X)	
		1967..	34.8	(X)	(X)	(X)	(X)	
3861-	Photographic equipment supplies.....	1972..	5,276.7	75	85	91	95	
		1967..	3,138.0	67	80	88	94	
		1963..	1,631.4	62	76	85	92	
		1958..	1,061.3	60	69	82	91	
		1954..	772.9	61	70	80	(NA)	
38611	Still picture equipment.....	1972..	616.4	67	77	90	98	
		1967..	484.8	53	68	86	97	
		1963..	223.6	51	66	83	83	
		1958..	179.4	48	61	81	93	
		1954..	170.7	54	64	79	(NA)	
38612	Photocopying equipment ¹⁶	1972..	1,466.8	(D)	(D)	99+	100	
		1967..	620.2	(D)	(D)	(D)	100	
38613	Motion picture equipment.....	1972..	191.6	59	72	89	99	
		1967..	194.3	58	69	85	98	
		1963..	127.9	57	71	86	98	
		1958..	148.0	69	81	93	99	
38614	Microfilming, blueprinting, brownprinting, and whiteprinting equipment ¹⁶	1972..	137.5	80	89	98	100	
		1967..	53.6	75	94	99+	100	
38619	X-ray film (1967 product class 38615, part).....	1972..	297.6	98	100	(X)	(X)	
38615	Sensitized photographic film and plates, except X-ray.....	1972..	1,335.8	(D)	98	99+	100	
		1967 product class 38615, Photographic sensitized film and plates, part.....	1967..	1,084.7	96	98	99+	100
		1963..	604.9	96	99	99+	100	
		1958..	396.0	97	99	99+	100	
		1954..	297.1	96	98	99	(NA)	
38616	Sensitized photographic paper and cloth, silver halide type.....	1972..	384.0	(D)	99	100	(X)	
		1967..	238.7	89	98	100	(X)	
		1963..	191.3	83	96	100	(X)	
		1958..	124.0	84	94	100	(X)	
		1954..	78.8	85	96	100	(X)	
38617	Sensitized photographic paper and cloth, except silver halide type.....	1972..	326.4	65	82	96	100	
		1967..	193.5	70	89	98	100	
		1963..	128.1	63	77	93	100	
		1958..	82.1	62	84	95	100	
		1954..	47.3	65	77	95	(NA)	
38618	Prepared photographic chemicals.....	1972..	268.2	80	88	98	100	
		1967..	148.3	84	92	98	100	
		1963..	74.3	80	91	97	100	
		1958..	35.9	71	83	94	99	
		1954..	19.8	73	85	98	(NA)	
38610	Photographic equipment and supplies, n.s.k.....	1972..	160.7	(X)	(X)	(X)	(X)	
		1967..	119.9	(X)	(X)	(X)	(X)	
		1963..	78.4	(X)	(X)	(X)	(X)	
		1958..	38.3	(X)	(X)	(X)	(X)	

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²					
		Total (million dollars)	Percent accounted for by ³ —				
			4 largest companies	8 largest companies	20 largest companies	50 largest companies	
		MAJOR GROUP 38.--INSTRUMENTS AND RELATED PRODUCTS--Con.					
3873-	Watches, clocks, and watchcases (1967 industries 3871 and 3872) ¹⁹⁷	1972..	864.7	52	64	83	95
		1967..	663.5	43	59	84	96
		1963..	406.2	42	62	87	96
		1958..	291.5	45	69	87	96
		1954..	293.4	44	66	98	(NA)
38731	Clocks (1967 product class 38711).....	1972..	313.6	48	64	86	99
		1967..	276.1	45	63	89	99+
		1963..	173.8	49	68	90	98
		1958..	111.4	56	72	90	99
		1954..	113.6	57	77	91	(NA)
38734	Watches with imported movements (1967 product class 38714).....	1972..	192.1	62	85	99	100
		1967..	190.6	56	83	99+	100
		1963..	112.8	64	90	99+	100
		1958..	83.7	71	90	99	100
		1954..	96.8	75	88	98	(NA)
38735	Watches with domestic movements and parts for all clocks and watches (1967 product class 38715).....	1972..	285.4	(D)	(D)	100	(X)
		1967..	165.0	86	96	(D)	100
		1963..	102.2	80	95	99	100
		1958..	85.3	82	93	98	99
38737	Watchcases (1967 product class 38720).....	1972..	53.0	72	86	99	100
		1967..	44.8	58	73	94	100
		1963..	29.4	50	66	90	100
		1958..	27.8	48	65	85	99
		1954..	34.5	42	59	83	(NA)
38730	Watches, clocks, and watchcases, n.s.k. ¹⁹⁷ 1967 product class 38710, Watches and clocks, n.s.k. (1972 product class 38730, part).....	1972..	20.6	(X)	(X)	(X)	(X)
		1967..	31.8	(X)	(X)	(X)	(X)
		1963..	17.3	(X)	(X)	(X)	(X)
		1958..	11.1	(X)	(X)	(X)	(X)
		MAJOR GROUP 39.--MISCELLANEOUS MANUFACTURING INDUSTRIES					
3911-	Jewelry, precious metal.....	1972..	983.7	13	18	28	43
		1967..	633.2	14	20	30	42
		1963..	400.4	17	24	34	46
		1958..	287.1	17	23	34	47
		1954..	238.5	15	22	34	(NA)
39111	Jewelry, made of platinum metals or carat gold.....	1972..	657.1	17	24	37	55
		1967..	426.2	18	25	35	50
		1963..	286.3	22	28	38	51
		1958..	195.2	23	30	41	53
		1954..	155.5	19	27	39	(NA)
39112	Jewelry, made of precious metals, except platinum metals and carat gold.....	1972..	180.0	22	33	53	78
		1967..	125.8	27	38	55	77
		1963..	93.7	28	38	54	74
		1958..	74.3	24	36	52	72
		1954..	72.6	27	39	54	(NA)
39110	Jewelry, precious metals, n.s.k.....	1972..	146.6	(X)	(X)	(X)	(X)
		1967..	81.2	(X)	(X)	(X)	(X)
		1963..	20.4	(X)	(X)	(X)	(X)
		1958..	17.6	(X)	(X)	(X)	(X)
3914-	Silverware and plated ware.....	1972..	327.9	51	68	82	93
		1967..	305.4	55	67	81	93
		1963..	211.9	54	64	79	90
		1958..	178.8	50	65	77	87
		1954..	188.1	56	69	81	(NA)
39141	Silverware, plated ware, and stainless steel ware.....	1972..	152.7	40	60	78	95
		1967..	126.3	38	51	78	96
		1963..	93.9	36	50	70	89
		1958..	74.3	35	48	71	92
39142	Flatware.....	1972..	165.3	65	88	99	100
		1967..	166.8	73	90	99	100
		1963..	113.2	72	90	98	100
		1958..	97.1	72	91	98	100
39140	Silverware and plated ware, n.s.k.....	1972..	9.9	(X)	(X)	(X)	(X)
		1967..	12.3	(X)	(X)	(X)	(X)
		1963..	4.8	(X)	(X)	(X)	(X)
		1958..	7.4	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 39.--MISCELLANEOUS MANUFACTURING INDUSTRIES--Con.				
3915-	Jewelers' materials and lapidary work.....1972..	296.7	27	37	58	79
39151	Jewelers' findings and materials (1967 product class 39120).....1972..	163.3	25	37	56	88
	1967..	115.6	26	39	60	81
	1963..	70.5	28	42	62	81
	1958..	56.8	(NA)	(NA)	(NA)	(NA)
	1954..	68.1	38	49	63	(NA)
39152	Lapidary work and diamond cutting and polishing (1967 product class 39130).....1972..	¹³³ 164.4	(NA)	(NA)	(NA)	(NA)
	1967..	¹³³ 97.6	(NA)	(NA)	(NA)	(NA)
	1963..	¹³³ 67.7	(NA)	(NA)	(NA)	(NA)
	1958..	¹³³ 43.3	(NA)	(NA)	(NA)	(NA)
39150	Jewelers' materials and lapidary work, n.s.k.....1972..	6.5	(X)	(X)	(X)	(X)
3931-	Musical instruments.....1972..	526.3	35	56	80	92
	1967..	401.2	36	55	77	89
	1963..	319.4	37	52	72	87
	1958..	242.1	40	53	71	87
39311	Pianos.....1972..	107.4	66	88	100	(X)
	1967..	91.2	62	88	100	(X)
	1963..	87.7	62	85	100	(X)
	1958..	63.7	53	76	100	(X)
39312	Organs.....1972..	188.3	56	86	99	100
	1967..	126.2	57	81	97	100
	1963..	107.3	58	78	97	100
	1958..	79.4	61	79	97	99
	1954..	37.5	78	90	99	(NA)
39313	Piano and organ parts.....1972..	54.6	64	82	97	100
	1967..	46.0	50	67	89	100
	1963..	42.3	48	71	93	100
	1958..	51.1	74	82	93	99
	1954..	38.1	71	81	94	(NA)
39314	Other musical instruments and parts.....1972..	156.0	40	63	88	98
	1967..	123.4	46	63	81	96
	1963..	77.7	32	51	73	90
	1958..	48.0	29	43	64	86
	1954..	36.4	27	40	63	(NA)
39310	Musical instruments, n.s.k.....1972..	19.9	(X)	(X)	(X)	(X)
	1967..	14.4	(X)	(X)	(X)	(X)
	1963..	4.4	(X)	(X)	(X)	(X)
39420	Dolls and stuffed toy animals.....1972..	277.9	31	42	62	83
	1967..	217.0	27	39	60	78
	1963..	190.4	27	37	53	69
	1958..	161.9	14	23	39	61
	1954..	131.9	16	26	41	(NA)
3944-	Games, toys, and children's vehicles.....1972..	1,466.5	34	45	60	76
39441	Games, excluding toys.....1972..	280.6	51	68	89	99+
39442	Toys, excluding games.....1972..	928.5	39	50	67	84
	1967 product class 39410, Games and toys, except dolls and children's vehicles (1972 product classes 39441 and 39442).....1967..	494.1	20	30	50	67
	1963..	763.9	12	20	39	61
	1958..	522.0	12	20	34	52
	1954..	400.4	17	24	39	(NA)
39443	Baby carriages and children's vehicles, except bicycles (1967 product class 39430).....1972..	125.5	53	76	95	100
	1967..	99.6	48	68	91	100
	1963..	82.7	41	61	85	99
	1958..	72.9	39	61	85	99
	1954..	64.5	41	59	81	(NA)
3949-	Sporting and athletic goods, n.e.c.....1972..	1,529.0	26	34	46	61
	1967..	836.4	24	31	42	58
	1963..	655.5	33	39	47	60
	1958..	519.9	34	42	51	63
	1954..	302.7	19	28	42	(NA)
39491	Fishing tackle and equipment.....1972..	167.7	26	41	64	84
	1967..	111.1	31	45	65	83
	1963..	96.9	26	38	58	75
	1958..	75.8	25	39	60	80

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 39.--MISCELLANEOUS MANUFACTURING INDUSTRIES--Con.				
3949-	Sporting and athletic goods, n.e.c.--Continued					
39492	Golf equipment.....1972..	276.7	46	65	90	99
	1967..	158.6	50	66	87	98
	1963..	1 ⁹⁸ 116.9	(1 ⁹⁸)	(1 ⁹⁸)	(1 ⁹⁸)	(1 ⁹⁸)
39494	Playground, gymnasium, and gymnastic equipment.....1972..	107.4	38	61	85	99
39495	Other sporting and athletic goods.....1972..	801.1	34	43	57	75
	1967 product class 39493, Other sporting and athletic goods (1972 product classes 39494 and 39495).....1967..	470.3	26	34	50	69
	1963..	1 ⁹⁸ 408.5	(1 ⁹⁸)	(1 ⁹⁸)	(1 ⁹⁸)	(1 ⁹⁸)
39490	Sporting and athletic goods, n.e.c., n.s.k.....1972..	175.3	(X)	(X)	(X)	(X)
	1967..	96.4	(X)	(X)	(X)	(X)
	1963..	33.2	(X)	(X)	(X)	(X)
	1958..	45.4	(X)	(X)	(X)	(X)
39510	Pens, mechanical pencils, and penpoints ¹⁹⁹.....1972..	311.7	46	62	79	93
	1967..	210.8	41	55	73	92
	1963..	177.7	43	54	71	90
	1958..	147.2	45	58	74	91
	1954..	118.1	55	67	80	(NA)
3952-	Lead pencils and art goods.....1972..	173.7	39	54	73	90
	1967..	133.2	40	54	75	92
	1963..	107.5	36	50	69	88
	1958..	89.5	42	57	76	93
39521	Lead pencils and crayons.....1972..	63.2	52	71	92	100
	1967..	73.6	53	72	92	100
	1963..	65.3	50	69	89	99+
	1958..	65.3	55	72	92	99
	1954..	51.0	43	63	87	(NA)
39522	Artists' materials.....1972..	100.8	55	71	88	100
	1967..	53.8	40	63	82	99
	1963..	40.3	32	50	74	94
	1958..	24.1	34	51	73	93
	1954..	25.9	36	50	75	(NA)
39520	Lead pencils and art goods, n.s.k.....1972..	9.8	(X)	(X)	(X)	(X)
	1967..	5.8	(X)	(X)	(X)	(X)
	1963..	1.9	(X)	(X)	(X)	(X)
39530	Hand stamps, stencils, and other marking devices ¹⁹⁹.....1972..	163.4	27	34	45	59
	1967..	130.8	27	38	50	64
	1963..	107.1	33	41	52	63
	1958..	58.7	22	30	42	57
	1954..	47.7	17	25	38	(NA)
3955-	Carbon paper and inked ribbons.....1972..	275.1	35	53	79	98
	1967..	221.5	31	48	74	96
	1963..	161.3	32	49	74	95
	1958..	119.1	27	42	69	92
	1954..	91.1	30	48	75	(NA)
39551	Inked ribbons, all types ²⁰⁰.....1972..	102.4	51	74	97	100
39552	Carbon paper, stencil paper, etc. ²⁰⁰.....1972..	157.1	46	62	87	100
39550	Carbon paper and inked ribbons, n.s.k.....1972..	15.6	(X)	(X)	(X)	(X)
39610	Costume jewelry and costume novelties, except precious metal.....1972..	441.4	13	21	35	53
	1967..	338.2	13	21	35	53
	1963..	256.7	13	20	33	50
	1958..	236.3	13	19	30	45
	1954..	235.2	13	20	30	(NA)
39620	Feathers, plumes, and artificial flowers.....1972..	101.8	27	38	56	75
	1967..	86.3	18	28	46	68
	1963..	59.3	13	23	40	61
	1958..	59.5	12	20	36	56
	1954..	48.6	9	16	33	(NA)
39630	Buttons and parts (except of precious or semiprecious metals or stone).....1972..	103.0	25	40	65	85
	1967..	83.8	22	34	55	77
	1963..	81.9	22	33	52	75
	1958..	70.8	19	29	47	73
	1954..	64.0	19	28	46	(NA)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²				
		Total (million dollars)	Percent accounted for by ³ —			
			4 largest companies	8 largest companies	20 largest companies	50 largest companies
		MAJOR GROUP 39.--MISCELLANEOUS MANUFACTURING INDUSTRIES--Con.				
3964-	Needles, pins and fasteners.....1972..	551.9	45	56	70	85
	.....1967..	381.4	46	56	69	84
	.....1963..	315.2	36	47	63	79
	.....1958..	220.8	37	46	64	80
	.....1954..	177.0	28	41	58	(NA)
39641	Zippers and slide fasteners.....1972..	254.4	71	78	90	99
	.....1967..	201.5	66	74	87	98
	.....1963..	143.2	59	68	81	94
	.....1958..	87.3	64	78	91	100
39642	Needles, pins, fasteners (except slide), and similar notions.....1972..	265.7	39	54	77	96
	.....1967..	153.8	42	60	81	98
	.....1963..	155.7	35	50	73	93
	.....1958..	112.0	32	48	71	92
39640	Needles, pins, and fasteners, n.s.k.....1972..	31.8	(X)	(X)	(X)	(X)
	.....1967..	26.1	(X)	(X)	(X)	(X)
	.....1963..	16.3	(X)	(X)	(X)	(X)
	.....1958..	21.6	(X)	(X)	(X)	(X)
3991-	Brooms and brushes.....1972..	391.2	20	33	50	69
	.....1967..	295.1	20	31	49	68
	.....1963..	247.7	16	27	46	66
	.....1958..	208.1	15	26	43	60
	.....1954..	180.8	16	27	44	(NA)
39911	Brooms.....1972..	59.6	37	48	68	90
	.....1967..	37.5	18	30	52	79
	.....1963..	38.0	11	21	40	64
	.....1958..	33.7	11	20	37	58
	.....1954..	36.7	13	23	39	(NA)
39912	Paint and varnish brushes.....1972..	112.9	45	62	87	100
	.....1967..	88.6	37	54	80	99+
	.....1963..	73.6	33	50	78	98
	.....1958..	60.7	31	48	72	97
	.....1954..	56.8	25	43	69	(NA)
39913	Other brushes.....1972..	186.4	28	40	62	85
	.....1967..	142.3	34	50	72	90
	.....1963..	126.0	30	48	68	85
	.....1958..	103.4	29	45	64	84
	.....1954..	84.7	29	48	65	(NA)
39910	Brooms and brushes, n.s.k.....1972..	32.4	(X)	(X)	(X)	(X)
	.....1967..	26.8	(X)	(X)	(X)	(X)
	.....1963..	10.1	(X)	(X)	(X)	(X)
	.....1958..	10.3	(X)	(X)	(X)	(X)
	.....1954..	2.6	(X)	(X)	(X)	(NA)
3993-	Signs and advertising displays.....1972..	1,098.5	5	8	16	27
	.....1967..	800.6	5	8	16	27
	.....1963..	583.8	5	8	14	25
	.....1958..	407.9	4	7	14	24
	.....1954..	329.9	6	9	15	(NA)
39931	Luminous tubing and bulb signs.....1972..	198.8	17	29	49	68
	.....1967..	176.5	17	27	46	65
	.....1963..	144.5	15	23	39	53
	.....1958..	99.7	15	21	32	45
	.....1954..	82.1	15	22	34	(NA)
39932	Nonelectric signs and advertising displays.....1972..	454.5	11	16	28	44
	.....1967..	349.4	9	14	24	39
	.....1963..	302.3	5	10	19	32
	.....1958..	199.5	6	10	20	37
	.....1954..	178.5	6	11	21	(NA)
39933	Advertising specialties.....1972..	155.7	18	28	44	68
	.....1967..	115.0	16	26	43	66
	.....1963..	83.7	16	26	42	63
	.....1958..	64.4	18	26	41	64
	.....1954..	42.2	19	29	48	(NA)
39930	Signs and advertising displays, n.s.k.....1972..	289.5	(X)	(X)	(X)	(X)
	.....1967..	159.8	(X)	(X)	(X)	(X)
	.....1963..	53.3	(X)	(X)	(X)	(X)
	.....1958..	50.2	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²					
		Total (million dollars)	Percent accounted for by ³ —				
			4 largest companies	8 largest companies	20 largest companies	50 largest companies	
		MAJOR GROUP 39.--MISCELLANEOUS MANUFACTURING INDUSTRIES--Con.					
3995-	Burial caskets (1967 product group 3994-) ²⁰¹	1972..	388.1	25	34	48	63
		1967..	288.0	18	25	40	56
		1963..	267.4	17	24	39	55
		1958..	217.7	19	26	40	54
		1954..	164.4	17	24	36	(NA)
39951	Metal caskets and coffins, completely lined and trimmed, adult sizes only (1967 product class 39941) ²⁰²	1972..	211.2	38	48	63	79
		1967..	133.7	29	39	55	72
		1963..	123.6	24	37	54	70
		1958..	85.2	28	41	56	72
39952	Wood caskets and coffins, completely lined and trimmed, adult sizes only (1967 product class 39942) ²⁰²	1972..	68.8	25	37	52	74
		1967..	59.8	24	33	48	69
		1963..	67.3	20	28	42	61
		1958..	70.0	23	31	42	58
39953	Other caskets and coffins and metal vaults ²⁰³	1972..	67.9	43	58	76	93
39950	Burial caskets, n.s.k. (1967 product class 39940).....	1972..	40.2	(X)	(X)	(X)	(X)
		1967..	25.8	(X)	(X)	(X)	(X)
		1963..	12.4	(X)	(X)	(X)	(X)
		1958..	9.3	(X)	(X)	(X)	(X)
39960	Hard surface floor coverings (1967 product classes 39961, 39962, and 39960).....	1972..	300.4	90	97	100	(X)
		1967..	191.6	86	97	99+	100
		1963..	168.1	85	(D)	(D)	100
		1958..	151.9	79	96	99	100
	1967 product class 39961, Linoleum.....	1967..	(D)	(D)	(D)	(D)	(D)
		1963..	33.7	(D)	100	(X)	(X)
		1958..	47.8	96	100	(X)	(X)
	1967 product class 39962, Asphalted-felt-base and supported plastic floor covering.....	1967..	(D)	(D)	(D)	(D)	(D)
		1963..	133.6	83	97	100	(X)
		1958..	102.6	79	97	100	(X)
	1967 product class 39960, Hard surface floor coverings, n.s.k.....	1967..	1.2	(X)	(X)	(X)	(X)
		1963..	0.7	(X)	(X)	(X)	(X)
		1958..	1.5	(X)	(X)	(X)	(X)
3999-	Manufacturing industries, n.e.c. ²⁰⁴	1972..	1,461.4	5	17	27	40
		1967..	922.4	8	15	27	41
		1963..	694.0	(²⁰⁴)	(²⁰⁴)	(²⁰⁴)	(²⁰⁴)
39991	Chemical fire extinguishing equipment and parts.....	1972..	126.3	66	83	99	100
		1967..	94.6	69	88	98	100
		1963..	52.3	72	89	97	100
		1958..	46.8	58	79	97	99
39992	Coin-operated amusement machines.....	1972..	91.1	90	99	100	(X)
		1967..	47.7	92	99+	100	(X)
		1963..	30.0	83	99	100	(X)
		1958..	39.2	79	95	99	100
		1954..	47.7	79	93	99	(NA)
39993	Matches.....	1972..	81.5	73	94	100	(X)
		1967..	66.3	72	97	100	(X)
		1963..	²⁰⁵ 64.8	(²⁰⁵)	(²⁰⁵)	(²⁰⁵)	(²⁰⁵)
39994	Candles.....	1972..	100.8	3	54	81	98
		1967..	55.1	37	54	81	99+
		1963..	²⁰⁵ 43.7	(²⁰⁵)	(²⁰⁵)	(²⁰⁵)	(²⁰⁵)
39995	Lampshades.....	1972..	36.9	38	55	77	99
		1967..	27.4	33	45	68	97
		1963..	²⁰⁵ 35.9	(²⁰⁵)	(²⁰⁵)	(²⁰⁵)	(²⁰⁵)
39996	Furs, dressed and dyed ²⁰⁶	1972..	42.3	29	43	62	91
		1967..	39.8	37	59	90	100
		1963..	²⁰⁵ 43.6	(²⁰⁵)	(²⁰⁵)	(²⁰⁵)	(²⁰⁵)
39997	Umbrellas, parasols, and canes.....	1972..	37.8	45	66	94	100
		1967..	40.3	35	51	79	99+
		1963..	²⁰⁵ 34.1	(²⁰⁵)	(²⁰⁵)	(²⁰⁵)	(²⁰⁵)
39999	Other miscellaneous fabricated products, n.e.c.....	1972..	628.2	20	26	39	55
		1967..	390.5	14	21	33	51
		1963..	327.6	13	21	34	51
		1958..	271.2	10	18	30	44
39990	Manufacturing industries, n.e.c., n.s.k.....	1972..	316.6	(X)	(X)	(X)	(X)
		1967..	160.9	(X)	(X)	(X)	(X)
		1963..	62.0	(X)	(X)	(X)	(X)

See footnotes on next page.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

(Footnotes for table 6)

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
(S) Withheld because the data did not meet publication standards.

¹Product classes (5-digit codes) and product groups (4-digit codes) are assigned to the industry to which they are primary. Products which are primary to 2 or more industries are split according to the industry code of the establishment producing them.

²Represents for each product class or group the total value shipped by all producers in all industries. The 4-digit product group represents the total shipments by all producers of the products assigned the code with the same first 4 digits. For products primary to more than 1 industry, only the amount produced by plants with the same industry code is included. Thus, the total value of products of meatpacking plants includes all fresh meats but only those prepared meats (20116, 20117, 20118) processed in plants classified in industry 2011. It does not include such products made elsewhere (20136, 20137, 20138).

³Company affiliation is determined from census reports and public records. The value of shipments of products falling within each 5-digit class or 4-digit group was aggregated for plants under common ownership and company totals derived to determine the largest producers. Thus, the same company may contribute to total value of shipments in more than 1 product class or group.

⁴By definition, this product class is limited to the products produced by establishments classified in the industry having the same code as the first 4 digits of the product code. Appreciable amounts are also made in the other product classes referred to in the product description. The total value of shipments and the percent accounted for by large companies shown here are based exclusively on the products primary to this industry. See table 7 for the value of such products shipped from all establishments.

⁵Comparability of this industry has changed slightly as a result of the 1972 SIC revision. The change is estimated to be less than 3 percent of the total value of shipments. 1967 and earlier data are tabulated under the old definition.

⁶For 1972, product class 20151 was reclassified as product classes 20161 and 20162.

⁷1963 and 1958 not completely comparable. 1963 figures include \$10,123 thousand of packaged poultry (boned and frozen) not canned. Significant amounts of this item may have been included in other products of the industry in 1963. No separate figures are available for 1958.

⁸For 1963, the formerly separate industries 2022, Natural Cheese, and 2025, Processed Cheese, were combined into one industry 2022, Natural and Process Cheese. In the revision, individual products were redefined from the 1958 product class 20220, Natural cheese, into the 1963 product classes 20221 and 20222, so that 1958 concentration ratios for these classes could not be computed.

⁹Value of production.

¹⁰Individual products primary to other industries were included in the published totals of this product class in order to avoid disclosing figures for individual companies. Percentage share of this total accounted for by large companies is not available.

¹¹Establishments in Alaska and Hawaii are important producers of these products. Recomputed figures cannot be shown for the 4, 8, 20, and 50 largest companies prior to 1963 without disclosing the operations of individual companies in Alaska and Hawaii.

¹²Revised concentration ratios not available because corrections to individual records could not be identified.

¹³The data for product class 20370, Frozen fruits and vegetables, n.s.k., are included with product class 20380, Frozen specialties, n.s.k.

¹⁴For 1972, product class 20373 was reclassified as product classes 20381, 20382, and 20383.

¹⁵The composition of this product class was redefined compared to 1958. Where possible corrections were made to the 1958 aggregate but concentration ratios could not be recalculated.

¹⁶The composition of this product class was redefined compared to 1963. Where possible, corrections were made to the 1963 aggregate, but concentration ratios are not available for prior periods.

¹⁷Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system.

¹⁸Includes unknown amounts of pet food manufactures.

¹⁹For 1972, product class 20511 was reclassified as product classes 20511 and 20512.

²⁰For 1972, product class 20716 was reclassified as product classes 20657 and 20658.

²¹For 1963 the formerly separate industries 2094, Grease and Tallow, and 2095, Animal and Marine Oil Products, including foats, were combined as industry 2094, Animal and Marine Fats and Oils, including grease and tallow. The 1958 value of shipments figures for industries 2094 and 2095 have been combined and the shares accounted for by the 4 and 8 largest companies recomputed on a basis comparable to 1963.

²²For 1972, product class 20820 was reclassified as product classes 20821, 20822, 20823, 20824, and 20820. The new 4-digit product group 2082- is comparable to the old 5-digit product class 20820 and the prior years data are shown for both classes.

²³The total value of shipments figures contain substantial duplication resulting from the fact that some of the products shipped are used as materials, parts or components in the manufacture of other products in the same product class or product group. The effect of this duplication on the concentration ratios is unknown.

²⁴For 1972, product class 20361 was reclassified as product classes 20923 and 20924.

²⁵For 1963 industry 2099, Food Preparations, N.E.C., was redefined to exclude product class 20995. Roasted coffee, which was made a separate industry 2095. Concentration ratios for industry 2099 are not available for 1958 on a revised basis.

²⁶For 1972, product class 20999, Other food preparations, n.e.c., was reclassified as product class 20995, Tea in consumer packages, and 20999, Other food preparations, n.e.c. Data for 1972 are not comparable to prior years data due to the revision in the SIC codes.

²⁷By definition, this product class includes only products produced by establishments classified in the same industry but separate figures cannot be shown. Appreciable amounts are also made in the other product classes referred to in the product description. See table 7 for value of such products shipped from all establishments.

²⁸Ratios for the 20 and 50 largest companies are not available.

²⁹1963, value of shipments. 1958 and earlier, value of production.

³⁰The 1963 ratios include receipts for contract and commission work and are comparable with the 1967 ratios.

³¹The 1972 ratios exclude receipts for contract and commission work and therefore are not comparable to the 1967 ratios; however, they are comparable to the 1958 and 1954 ratios.

³²For 1972, product class 22562 was reclassified as product classes 22571, 22572, 22573, 22574, and 22576.

³³For 1972, product class 22569 was reclassified as product classes 22579 and 22589.

³⁴For 1972, product class 22561 was reclassified as product classes 22581, 22582, 22583, and 22584.

³⁵Excludes shipments by establishments producing filament yarn and classified in industries 2823, Cellulosic Manmade Fibers, and 2824, Organic Fibers, Noncellulosic.

³⁶For 1972, product class 22991 was reclassified as product classes 22971 and 22972.

³⁷Includes some duplication since some nonwoven ribbons are made from purchased nonwoven fabrics.

³⁸In 1958, data for bonded fiber fabrics, product class 22991, are included with textile goods, n.s.k., product class 22990. This combination was made because the data were unsatisfactorily reported due to problems associated with the product definitions.

³⁹Data for 1967 are not strictly comparable with 1963 because of product misclassification. Approximately 20 to 75 percent of the 1967 shipments data for product class 23962 were included in other product classes in 1963. Revised figures for 1963 are not available.

⁴⁰Excludes commission receipts for Schiffli machine embroidering on materials owned by others. This amounted to \$13.8 million in 1967 and \$21.0 million in 1963. The 1967 total included \$24.9 million which was not differentiated between the value of product sales and receipts for commission work. The comparable figure for 1963 was \$5.5 million.

⁴¹Comparable data are not available for prior years due to a significant revision to the SIC system. Product classes 24211 and 24212, were formed by regrouping 1967 product classes 24211, Rough lumber and sawed ties, and 24212, Dressed lumber.

⁴²Wood chips were reclassified in 1967 from industry 2429, Special Product Sawmills, N.E.C., to industry 2421.

⁴³Comparable data are not available for prior years due to a major revision in the SIC system. This product group now includes wood frames for household furniture which previously was identified as product class 25126.

⁴⁴Includes shipments of wood chips which in 1967 were reclassified to product class 24215.

⁴⁵Comparable data are not available for prior years due to a significant revision to the 1972 SIC system. For 1972, 1967 product class 24317, Cabinet work, to be built-in, was reclassified to industry 2434, Wood Kitchen Cabinets.

⁴⁶For 1972, 1967 product class 24316, Finished wood mouldings, was reclassified as product classes 24316 and 24317.

⁴⁷For 1972, industry 2434 was formed by combining 1967 product classes 24317, Cabinet work, to be built in, and 25114, Kitchen cabinets, wood. Comparable data are not available for 1967 and earlier years at the product group level.

⁴⁸For 1972, 1967 product class 24317, Cabinet work, to be built-in, was reclassified as product classes 24342 and 24343. In addition, product class 24343 was expanded to include stock line cabinets.

⁴⁹For 1972, industries 2435 and 2436 were formed by splitting old industry 2432, Veneer and Plywood. Comparable data are not available for 1967 and earlier years at the product group level.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

(Footnotes for table 6--Continued)

- ⁵⁰For 1972, 1967 product class 24324 was reclassified as product classes 24352, 24353, and 24363.
- ⁵¹Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. All products now classified in industry 2439 were formerly part of old industry 2433. The balance of old industry 2433 is now classified as industry 2452.
- ⁵²Comparable data for prior years are not available due to a major revision in the 1972 SIC system. This product group was previously identified as product classes 24420, 24430, and 24450.
- ⁵³Comparable data for prior years are not available due to a major revision in the 1972 SIC system. Industry 2451 was previously a part of product class 37910, Trailer coaches, under industry 3791.
- ⁵⁴Comparable data for prior years are not available due to a major revision in the 1972 SIC system. All products now classified in this industry were formerly part of old industry 2433, Prefabricated Wood Structures. The balance of old industry 2433 is now classified as 2439.
- ⁵⁵Comparable data are not available for 1967 and earlier years due to a significant revision in the 1972 SIC system. This product group as now constituted excludes pallets and skids (1967 product class 24992) and particleboard (1967 product class 24993) which were reclassified to product classes 24480 and 24920, respectively.
- ⁵⁶Comparable data are not available for 1967 and earlier years due to a significant revision in the 1972 SIC system. This product group as now constituted excludes product class 25111 and part of product class 25112 which were reclassified as 25170, and product class 25114 which was reclassified as product class 24341.
- ⁵⁷Comparability of this product class has changed for 1972 due to the reclassification of sewing machine cabinets to product class 25170. The change is estimated to be approximately 11 percent of the total value of shipments.
- ⁵⁸Comparability of this product group has changed for 1972 due to the reclassification of wood frames for household furniture (1967 product class 25126) to industry 2426. The change is estimated to be less than 10 percent of the total value of shipments.
- ⁵⁹Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. This product class was previously classified under industry 2511 as product class 25111 and part of product class 25112.
- ⁶⁰For 1972, product class 25410, Wood partitions, shelving, lockers, and office and store fixtures was reclassified as product classes 25411, 25412, and 25413.
- ⁶¹For 1972, product class 25420, Metal partitions, shelving, lockers, and office and store fixtures was reclassified as product classes 25421, 25422, 25423, and 25424.
- ⁶²For 1972, the 1967 product classes 26314, 26315, 26316, and 26317 were combined and reclassified as product class 26314.
- ⁶³Comparable data are not available for prior years due to a significant revision to the SIC system. Product classes 26417 and 26418 were formed by regrouping 1967 product classes 26415 and 26416.
- ⁶⁴Comparability of this product class has changed slightly as a result of the 1972 SIC revision. This product class now includes paper disposable diapers which previously were included with nonwoven disposable diapers in industry 2399.
- ⁶⁵For 1972, product class 26491 was reclassified as industry 2648 and split into product classes 26481 and 26482.
- ⁶⁶Comparable data are not available for prior years due to a major revision in the SIC system. This product group now includes wallpaper (old product class 26440) and excludes stationery products (old product class 26491) which were reclassified as industry 2648.
- ⁶⁷This product class was previously identified as product class 27312, Subscription reference books, hardbound. Since the definition was expanded to include other reference books such as dictionaries, thesauruses, and atlases, 1972 data are not completely comparable to data for 1967 and earlier years.
- ⁶⁸For 1972, product class 27316 was reclassified as product classes 27318 and 27319.
- ⁶⁹For 1972, product class 27321 was reclassified as product classes 27321, 27322, 27323, and 27324.
- ⁷⁰For 1972, product class 27322 was reclassified as product classes 27325, 27326, and 27327.
- ⁷¹Comparability of this product group has changed slightly as a result of the 1972 SIC revision. For 1972, product classes 27417 and 27518 were reclassified as industry 2754. The change is estimated to be approximately 13 percent of the total value of shipments. 1967 and earlier data are tabulated under the old definition.
- ⁷²Comparability of this product group has changed due to the reclassification of product class 27527 to industry 2795. The change is estimated to be approximately 5 percent of the total value of shipments. 1967 and earlier data are tabulated under the old definition.
- ⁷³For 1972, industry 2754 was formed by combining old product classes 27517 and 27518. Comparable data are not available for 1967 and earlier years.
- ⁷⁴For 1972, product class 27518 was reclassified as product classes 27542, 27543, 27544, and 27545.
- ⁷⁵Ratios not available. In the mechanical conversion to the revised product codes based on the 1957 SIC system, the products of a significant number of small establishments were not properly changed from industry 2782. Although the total shipments have been corrected, it was not feasible to correct the individual figures for small establishments.
- ⁷⁶For 1972, product class 27611 was reclassified as product classes 27615 and 27617.
- ⁷⁷For 1972, product class 27527 was reclassified as product classes 27951 and 27952.
- ⁷⁸Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. The 1972 revisions transferred the manufacture of household bleaches to industry 2842; the manufacture of synthetic ammonia, nitric acid, and ammonium compounds to industry 2873; and the manufacture of phosphoric acid to industry 2874.
- ⁷⁹Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. The effect of phosphoric acid formerly classified in product class 28194, shifting to product class 28741 exceeds 15 percent of the value of shipments.
- ⁸⁰Aluminum oxide and other aluminum compounds data are combined for 1967 and earlier years.
- ⁸¹Comparability of this product class has changed slightly as a result of the 1972 SIC revision. Calcium hypochlorite (high-test) and other industrial bleaches were transferred from old product class 28192, Inorganic industrial and household bleaching compounds, to product class 28199. The change is estimated to be less than 15 percent of the total value of shipments. 1967 and earlier years are tabulated under the old definition.
- ⁸²Comparable data are not available for 1967 and earlier years due to a significant revision in the 1972 SIC system. The 1972 revisions transferred the manufacture of unsupported plastics film, sheets, rods, and tubes; regenerated cellulosic products, except rayon; and custom compounded purchased resins to industry 3079. In addition, the production of synthetic resin adhesives, from resins manufactures in the same establishment, was transferred to industry 2891.
- ⁸³Comparability of this product class has changed slightly as a result of the 1972 SIC revision. Data for synthetic resins for protective coatings (1967 product class 28216) are now included in product classes 28213 and 28214. The change is estimated to be less than 15 percent of the total value of shipments. 1967 and earlier data are tabulated under the old definition.
- ⁸⁴A major revision in the classification of products classified in industry 2834 was introduced in 1963 and, therefore, prior years' data are not available at this product level.
- ⁸⁵Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system for this product class. The 1972 definition breaks nonhousehold soaps and detergents (28411) and household detergents (28412) into separate product classes. In 1967 and earlier years, soaps and detergents were defined by type: Alkaline, soap, and synthetic organic detergents.
- ⁸⁶Data prior to 1963 includes both natural and synthetic glycerine.
- ⁸⁷Comparable data are not available for 1967 and earlier years at the product group level due to a major revision in the 1972 SIC system. For 1972, household insecticides and repellants, formerly product class 28421, were transferred to industry 2879, Agricultural Chemicals, N.E.C., and household bleaches, formerly included in industry 2819, Industrial Inorganic Chemicals, N.E.C., were reclassified to product class 28422.
- ⁸⁸This product class was formerly included in the 1967 product class 28192, Inorganic industrial and household bleaching compounds. Data for 1967 and earlier years are not available.
- ⁸⁹Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system for this product class. Caulking and sealant compounds were reclassified from product class 28518 to product class 28914, Synthetic resin and rubber adhesives.
- ⁹⁰Represents values reported by tar distillers and excludes shipments for tar, tar crudes, and pitches by establishments classified in industry 2911, Petroleum Refining, and industry 3312, Blast Furnaces and Steel Mills (byproduct coke ovens).
- ⁹¹Data for 1972 are not completely comparable to earlier data due to a significant revision in the classification for this product class. Urea, formerly classified in 1967 product class 28182, is now classified as product class 28732, Urea. The effect of this change is estimated to be less than 4 percent of the value of shipments.
- ⁹²Excludes rubbing alcohol (primary to industry 2834, Pharmaceutical Preparations) and antifreeze (primary to industry 2899, Chemical Preparations, N.E.C.).
- ⁹³Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. Industry 2873, Nitrogenous Fertilizers, was formed by combining synthetic ammonia, nitric acid, and ammonium compounds (formerly classified as product class 28191); urea (formerly in product class 28182); and fertilizer materials of organic origin (formerly in product class 28712).

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

(Footnotes for table 6--Continued)

⁹⁴Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. Urea was formerly classified in 1967 product class 28182.

⁹⁵Comparable data are not available for 1967 and earlier years due to a significant revision to the 1972 SIC system. This product class was formerly classified in 1967 product class 28712, Mixed fertilizers.

⁹⁶The 1972 definition of this industry has been revised from that used in the 1967 SIC manual and a new SIC number and title were assigned. Industry 2874 was formed by combining phosphoric acid formerly classified in product class 28194, with superphosphate, other phosphatic fertilizer materials, and mixed fertilizers produced from one or more materials made in the same plant, which were formerly classified as industry 2871.

⁹⁷Comparable data are not available for 1967 and earlier years due to a significant revision in the 1972 SIC system. Phosphoric acid was formerly classified in product class 28194.

⁹⁸Comparability of this product class has changed as a result of the 1972 SIC revision. 1967 and earlier data are tabulated under the old definition. The production of fertilizer materials of organic origin was formerly classified with this product class under the product class 28712. The effect of this change is estimated to be less than 5 percent of the value of shipments.

⁹⁹Comparability of this product group has changed significantly as a result of the 1972 SIC revision. Industry 2879 as now constituted includes the manufacture of household insecticides and repellants which were previously classified as product class 28421 in industry 2842. The change is estimated to be 15 percent of the total value of shipments. 1967 and earlier data are tabulated under the old definition.

¹⁰⁰For 1972, 1967 industry 2879 was reclassified as product classes 28791, 28792, and 28793. Data for 1967 and earlier years are available only at the product group level.

¹⁰¹Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. This product group as now constituted includes synthetic resin adhesives from resins manufactured in the same establishment (formerly in industry 2821), caulking compounds and sealants (formerly in industry 2851), rubber cement (formerly in industry 3069), and sealants, n.e.c., (formerly in industry 2899), and excludes gelatin and sizes (now in industry 2899).

¹⁰²Comparable data are not available for prior years due to the reclassification of this product class for 1972. Product class 28913 was formerly included in 1967 product class 28911.

¹⁰³Comparable data are not available for prior years due to a significant revision in the 1972 SIC system. This product class includes synthetic resin adhesives (formerly product class 28215), rubber cement (formerly in product class 30698), and synthetic base adhesives (formerly in product class 28911).

¹⁰⁴Comparable data are not available for prior years due to a significant revision in the 1972 SIC system. This product class was formerly part of product class 28518.

¹⁰⁵For 1972, industry 2893 was reclassified as product classes 28931, 28932, 28933, 28934, and 28935. For 1967 and earlier years, data are available only at the product group level.

¹⁰⁶Comparability of this product group has changed slightly as a result of the 1972 SIC revisions. Industry 2899 as now constituted includes gelatin, except ready-to-eat dessert, (formerly classified in industry 2891), sizes (formerly in industry 2891), and embalming chemicals (formerly in industry 3994), and excludes sealants, n.e.c. (now classified in industry 2891).

¹⁰⁷Comparability of this product class has changed as a result of the 1972 SIC revision. 1967 and earlier data are tabulated under the old definition. This product class now includes sizes (formerly in industry 2891), and embalming chemicals (formerly in industry 3994), and excludes sealants, n.e.c. (now classified in industry 2891). The effect of this change is estimated to be approximately 5 percent of the value of shipments.

¹⁰⁸Data for 1972 are not directly comparable to earlier data due to a significant revision in the SIC system. Plastics footwear, which was classified in product group 3079- in 1967, is now included in product group 3021-. The amount of plastics footwear in 1967, and hence the degree of change for product group 3021-, is unknown. The relationships between the 1972 SIC number and the 1967 SIC number for the product classes in this grouping are shown below:

1972 SIC	1967 SIC	1972 SIC	1967 SIC
30211	{ 30210 pt 30798 pt	30212	{ 30210 pt 30798 pt

¹⁰⁹The rubber and plastics hose and belting product grouping is included for the first time in the census of manufactures for 1972. This product group includes all of 1967 product class 30691 (rubber and plastics belts and belting); all of 1967 product class 30692 (rubber hose and tubing) except 30692 81 (tubing, except medical and surgical and reinforced); part of 1967 product class 30795 (industrial plastics products); and part of 1967 product class 30798 (consumer and commercial plastics products, n.e.c.). The relationships between the 1972 SIC number and the 1967 SIC number for the product classes in this grouping are shown below:

1972 SIC	1967 SIC	1972 SIC	1967 SIC
30411	{ 30691 pt 30795 pt	30415	{ 30692 pt 30798 pt
30412	30691 pt		
30413	30692 pt		
30414	30692 pt	30416	{ 30692 pt 30798 pt

¹¹⁰This product grouping was significantly revised for 1972, although the code number was unchanged. All of 1967 product class 30691 (rubber and plastics belts and belting) and all of 1967 product class 30692 (rubber hose and tubing) except for code 30692 81 (tubing, except medical and surgical and reinforced) are now classified in product group 3041-. Rubber and plastics hose and belting. Tubing, except medical and surgical and reinforced, is now included in product class 30695. In addition, seals and packing (former product codes 30695 26, 27, and 28) are now included in product group 3293-; and latex and solvent-type cement (former product codes 30698 64 and 65) are now classified in product group 3291-.

¹¹¹The individual product codes included in this class of products for 1972 differ significantly from the prior years. Products shifting into or out of this class of products represent more than 15 percent of the total shipments value at the U.S. level. (See footnote 110).

¹¹²The individual product codes included in this class of products for 1972 differ from the 1967 definition. Products shifting into or out of this class of products represent approximately 13 percent of the total 1967 shipments at the U.S. level. (See footnote 110).

¹¹³Data for 1972 are not directly comparable to earlier data due to a significant revision in the SIC system. See the Explanatory Text section of the MC72(2)-30A, Rubber and Miscellaneous Plastics Products, for a list of the changes.

¹¹⁴The individual product codes included in this class of products for 1972 differ from the 1967 definition. Products shifting into or out of this class of products represent approximately 3 percent of the total 1967 shipments at the U.S. level. (See footnote 113).

¹¹⁵Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. For 1972, industry 3141, Shoes, Except Rubber, was split to form new industries 3143, 3144, and 3149.

¹¹⁶For 1972, product class 31411, Men's dress shoes, including play shoes was split to form new product classes 31431, 31432, and 31434.

¹¹⁷For 1972, product class 31414, Women's dress, work, and play shoes was split to form new product classes 31441, 31442, 31443, 31444, and 31445.

¹¹⁸Includes laminated glass made in industry 3211, Flat Glass, and laminated glass made in industry 3231, Products of Purchased Glass, combined to avoid disclosing figures for individual companies. For 1972, no production of shipments of "Laminated plate over 1/4 inch" (code 32113 31), "Laminated sheet (window) glass" (code 32113 51), or "Other laminated glass" (code 32113 71) were reported in industry 3211, Flat Glass. The same was true for 1967, except that a small amount of "Laminated plate over 1/4 inch" (code 32113 31) was produced in industry 3211, Flat Glass.

¹¹⁹Excludes value of laminated glass (product class 32313) which is included with industry 3211.

¹²⁰Insulation materials containing asbestos, which were previously classified in product class 32933, are now included in product class 32927. This shift into product class 32927 represents approximately 13 percent of the total 1967 shipments at the U.S. level.

¹²¹Not completely comparable. In 1954, an undetermined amount of vinyl asbestos tile was included in industry 3971, Plastics Products, N.E.C.

¹²²Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. Molded packings and seals, except plastics (formerly classified in product class 30695), axial mechanical face seals (formerly classified in product class 35992), plastics packing and seals (formerly classified in product class 30795), and leather packings, oil and grease retainers, including seals (formerly classified in product class 31210), are included in product class 32933 for 1972. Also, insulation materials containing asbestos, which were previously classified in product class 32933, are now included in product class 32927. This shift of products represents more than 15 percent of the total value of shipments at the U.S. level.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

(Footnotes for table 6--Continued)

- ¹²³For 1963, exfoliated vermiculite was reclassified from industry 3296 to industry 3295 and roofing granules produced in conjunction with mining operations have been reclassified from industry 3295 to industry 3296. Revised concentration ratios are not available.
- ¹²⁴Product class 33121 includes ferroalloys made by establishments classified in industry 3312. This amounts to \$42.1 million for 1972, \$79.0 million for 1967, \$18.0 million for 1963, and (NA) not available for 1958. The totals for product group 3313- exclude ferroalloys made in industry 3312.
- ¹²⁵Excludes the value of those products produced and consumed within the same plant in the manufacture of other products. Therefore, the data are limited to the value of those products that were produced for sale in commercial markets or for transfer to other plants at the same company for use in manufacturing other products.
- ¹²⁶Comparable data are not available for 1967 and earlier years due to the fact that ductile iron castings is a separate class of products in 1972. The amount of ductile iron castings included in the 1967 totals for product classes 33212 and 33214 is unknown.
- ¹²⁷For 1972, product class 33220 was reclassified as product classes 33221 and 33222.
- ¹²⁸For 1972, old product group 3352- was split to form new product groups 3353-, 3354-, and 3355-.
- ¹²⁹For 1972, product class 33560 was reclassified as product classes 33561, 33562, 33563, and 33569.
- ¹³⁰Product class 33569 includes bare nonferrous metal wire, made in industry 3356 (code 33569 92). This amounts to \$61.4 million for 1972, \$34.6 million for 1967, and (NA) not available for 1963. The total for product class 33573 excludes bare nonferrous metal wire, made in industry 3356.
- ¹³¹For 1972, product class 33610 was reclassified as product classes 33611 and 33612.
- ¹³²For 1972, old product group 3399- was split to form new product groups 3398- and 3399-.
- ¹³³Value represents chiefly receipts for work done on material owned by others. The value represents only the work done by establishments classified in the industry for which the product or service is primary.
- ¹³⁴Not completely comparable; 1954 figures include "Metal fluid milk shipping and delivery containers" valued at \$8,638,000. In 1958, these containers were included in product class 34943.
- ¹³⁵The 1972 census program requested separate value figures for aluminum cans and steel cans. Review indicates that the separation was not properly reported. Accordingly, these values have been combined. For 1967 and earlier years, data on aluminum cans and steel cans were not collected separately.
- ¹³⁶Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. Warm air furnaces (product class 34332 in 1967) and parts and attachments for warm air furnaces (code 34336 73 in 1967) have shifted to industry 3585, Refrigeration and Heating Equipment, in 1972. This change represents greater than 15 percent of the total 1967 shipments at the U.S. level.
- ¹³⁷1972 product class 34337 is not completely comparable to the sum of 1967 product classes 34331 and 34336, since code 34336 73 shifted to industry 3585 in 1972. However, this change represents approximately 3 percent of the total 1967 shipments at the U.S. level.
- ¹³⁸Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. For 1972, product group 3449- was split into product groups 3448- and 3449-.
- ¹³⁹For 1972, product class 34510 was reclassified as product classes 34511 and 34512.
- ¹⁴⁰For 1972, product class 33920 was reclassified as product classes 34631 and 34632.
- ¹⁴¹Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. For 1972, product group 3461- was split into product groups 3465-, 3466-, and 3469-.
- ¹⁴²Revisions were made for 1963 to include automobile stampings produced by automobile producing companies. Concentration ratios cannot be published for 1963 on a revised basis without approximating the operations of individual companies.
- ¹⁴³Comparable data are not available for 1967 and earlier years.
- ¹⁴⁴For 1972, product class 34930 was reclassified as product classes 34931 and 34932.
- ¹⁴⁵Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. For 1972, product group 3481- was split into product groups 3495- and 3496-.
- ¹⁴⁶For 1972, product class 34970 was reclassified as 34971, 34972, and 34973.
- ¹⁴⁷Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. For 1972, product groups 3492-, 3496-, and 3499- were combined to form product group 3499-.
- ¹⁴⁸For 1972, farm wagons, trucks, and other farm transportation equipment were moved from industry 3799 to product class 35232. Products shifting into industry 3523 represent approximately 2 percent of the total 1967 shipments at the U.S. level.
- ¹⁴⁹In years prior to 1967, parts were included with individual product classes of industry 3522, whereas, in 1967, parts are included in a separate product class 35229.
- ¹⁵⁰For 1972, product class 35222 was reclassified as product classes 35232 and 35242.
- ¹⁵¹For 1972, product class 35228 was reclassified as product class 35238. Power hedge trimmers and shears moved from product class 35228 to 35249, for 1972. Farm wagons, trucks, and other farm transportation equipment were reclassified from product class 37992 to product class 35238. Products shifting into or out of this class of product represents approximately 12 percent of the total 1967 shipments at the U.S. level.
- ¹⁵²For 1972, product class 35229 was reclassified as product classes 35239 and 35249.
- ¹⁵³For 1972, product class 35220 was reclassified as product classes 35230 and 35240.
- ¹⁵⁴Parts and attachments for wheel and tracklaying tractor shovel loaders are included in product class 35313 beginning in 1965. In prior years they were included in product class 35197. 1963 concentration ratios are not available on a basis comparable to 1967.
- ¹⁵⁵For 1972, automatic stackers and parts and attachments are reclassified from product class 35370 to 35362. Then products shifting into product class 35362 represent approximately 10 percent of the total 1972 shipments at the U.S. level. For 1967, data for these products were included in industry 3537, but were not available separately.
- ¹⁵⁶The definitions of product classes 35441 and 35442 have been revised. Code 35442 11, diecasting dies (molds), was included through 1966 in product class 35441, but is now included in product class 35442. 1963 concentration ratios are not available on a basis comparable to 1967.
- ¹⁵⁷For 1972, old industry 3548 was split to form new industries 3546, 3547, and 3549.
- ¹⁵⁸For 1972, old product class 35480 was split to form product classes 35460, 35470, and 35490.
- ¹⁵⁹For 1972, dairy packaging and bottling machinery has shifted from product class 35511 to product class 35514. These products shifting out of product class 35511 represent approximately 34 percent of the total 1972 shipments at the U.S. level.
- ¹⁶⁰For 1972, wrapping machines have moved from product class 35512 to product class 35514. Wrapping machines shifting out of product class 35512 represent approximately 5 percent of the total 1972 shipments at the U.S. level.
- ¹⁶¹For 1972, product class 35513 was reclassified as product classes 35513 and 35514.
- ¹⁶²For 1972, industry 3561 was reclassified as industries 3561 and 3563.
- ¹⁶³For 1972, vacuum pumps shifted from product class 35612 to product class 35631. Products shifting out of product class 35612 represent approximately 12 percent of the total 1967 shipments at the U.S. level.
- ¹⁶⁴For 1972, industrial spraying equipment was reclassified as product class 35635; this product was formerly part of product class 35615. Industrial spraying equipment shifting out of product class 35615 represent more than 15 percent of the total shipments at the U.S. level.
- ¹⁶⁵For 1972, parts for pumps and compressors (old product class 35616) has been split out to parts and attachments for pumps (product class 35616) and parts and attachments for air and gas compressors (product class 35632).
- ¹⁶⁶For 1967, taper roller bearings (product class 35622) has become a separate product class rather than included with roller bearings complete (product class 35623). 1963 concentration ratios are not available on a basis comparable to 1967. The 1963 product class representing roller bearings complete, had total shipments of 446.3 of which the 4 and 8 largest companies accounted for 80 and 93 percent, respectively.
- ¹⁶⁷For 1972, industry 3566 was reclassified as industries 3566 and 3568.
- ¹⁶⁸For 1972, the not specified by kind, for product class 35680 is included with product class 35660.
- ¹⁶⁹For 1972, product classes 35741 and 35743 are combined with product class 35745 in order to avoid disclosing figures for individual companies.
- ¹⁷⁰For 1972, product class 35794 is combined with product class 35796 in order to avoid disclosing figures for individual companies.
- ¹⁷¹For 1972, product class 35797 is combined with product class 35798 in order to avoid disclosing figures for individual companies.
- ¹⁷²For 1972, coin-operated washers and dryers, under 10-pound load, and parts and attachments for these products have been moved from product class 35820 to product class 36333. Products shifting out of product class 35820 represent more than 15 percent of the total value of shipments.
- ¹⁷³For 1972, warm air furnaces were changed from product class 34332 to product class 35858. Parts for warm air furnaces moved from product class 34336 to 35858 for 1972. Parts for warm air furnaces shifting into product class 35858 represent approximately 4 percent of the total 1967 shipments at the U.S. level.
- ¹⁷⁴For 1972, product classes 35851 and 35852 are reclassified as product classes 35851, 35852, and 35856.

TABLE 6. Share of Value of Shipments of Each Class of Product Accounted for by the 4, 8, 20, and 50 Largest Companies: 1972 and Earlier Years—Continued

(Footnotes for table 6--Continued)

¹⁷⁵Product class 36333, Other household laundry equipment and parts, was expanded from 1967 product class 36332 to include coin-operated washer-extractor combinations and coin-operated drying tumblers, both 10-pound maximum load and under. Both of these products were part of 1967 product class 35820. The value of these added products was \$28.0 million in the 1972 Census of Manufactures.

¹⁷⁶In 1972, product class 36457, Portable residential type lighting fixtures and parts and accessories, for residential lighting fixtures, including 1967 product class 36427, Residential type electric fixtures (portable), includes part of 1967 product class 36426, Other electric and nonelectric lighting equipment (including hand portable equipment), and parts and accessories. The part of 1967 product class 36426 in 1972 product class 36457, had a value in 1972 of \$15.1 million.

¹⁷⁷Value of product class, not specified by kind, for industries 3646, 3647, and 3648 are included in industry 3645 prior to 1972. All products not specified by kind for administrative records and most for other records are included in industry 3645, in 1972.

¹⁷⁸In 1972, product class 36463, Industrial-type electric lighting fixtures and parts, including 1967 product class 36423, Industrial type electric fixtures, includes part of 1967 product class 36426, Other electric and nonelectric lighting equipment (including hand portable equipment) and parts and accessories. The part of 1967 product class 36426, in 1972 product class 36463 had a value in 1972 of \$22.6 million.

¹⁷⁹In 1972, parts and accessories for residential, commercial, industrial, institutional, and vehicular lighting fixtures was split out of 1972 product class 36489, Other electric and nonelectric lighting equipment and parts. These products were part of this product class before 1972. The value of these products in the 1972 Census of Manufactures was \$39.1 million.

¹⁸⁰In 1967, product class 36795 was split into product classes 36780 and 36790 for 1972. In addition, 1967 product class 36790 was tabulated as part of 1972 product class 36790.

¹⁸¹For 1972, industry 3722 was split into two separate industries, 3724 and 3764. The historical data for industry 3722 in 1967 are presented with 1972 industry 3724.

¹⁸²For 1972, industry 3729 was split into two separate industries 3728 and 2769. This historical data for industry 3729 in 1967 are presented with 1972 industry 3728.

¹⁸³This product class was identified as product class 37230 prior to 1967.

¹⁸⁴For 1972, industry 3751 is not fully comparable with prior years. Self-propelled golf carts were moved from product class 37510 in 1967 to product class 37993 in 1972. The value of shipments for self-propelled golf carts was \$36.3 million in 1967 and \$54.1 million in 1972.

¹⁸⁵Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. Parts of 1967 industry 3791 and product class 37910, Recreation type trailers, pickup campers, truck mounted campers, and pickup box covers or caps, and industry 3799 and product class 37991 (collapsible camping trailers and travel trailers) less than 11 feet in length make up industry 3792. Industry 3792 represents approximately 27 percent of the products of old industry 3791 plus 16 percent of old industry 3799.

¹⁸⁶Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. Product class 37921 represents approximately 48 percent of 1967 product class 37910.

¹⁸⁷Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. Product class 37922 represents approximately 21 percent of 1967 product class 37910 plus 47 percent of 1967 product class 37991.

¹⁸⁸Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. Farm wagons and other farm transportation equipment were moved from industry 3799 to industry 3723. Self-propelled golf carts were moved into industry 3799 from industry 3751.

¹⁸⁹Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. Product class 37993 represents approximately 14 percent of 1967 product class 37510.

¹⁹⁰Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. Product class 37994 represents approximately 17 percent of 1967 product class 37992.

¹⁹¹Comparable data are not available for 1967 and earlier years due to a major revision in the 1972 SIC system. Product class 37999, Farm wagons and other farm transportation equipment, \$95.2 million in 1972, were reclassified in industry 3523. Other automobile trailers, \$100.0 million in 1972 were added to product class 37999 from 1967 product class 37991. The balance of product class 37999, \$359.5 million in 1972, were reclassified from 1967 product class 37992.

¹⁹²The 1967 Standard Industrial Classification product class 38213, Industrial process instruments, was split into three product classes in the 1972 Census of Manufactures: Product class 38230, Process control instruments; product class 38292, Physical properties testing and inspection equipment; and product class 38293, Commercial meteorological and general purpose instruments.

¹⁹³The 1967 product class 38216, Other mechanical measuring and controlling instruments, was split into two product classes in the 1972 Census of Manufactures: Product class 38243, Counting devices; and product class 38294, Nuclear radiation, detection and monitoring instruments.

¹⁹⁴A small part of 1967 industry 3611, Instruments to Measure Electricity, was not moved to industry 3825 in 1972. Instrument transformers, part of 1967 product class 36113, Other electrical measuring instruments became part of 1972 product class 36125, Specialty transformers, except fluorescent lamp ballast. The other part of 1967 product class 36113 became all of 38253, Other electrical measuring instruments, in 1972.

¹⁹⁵In 1972, industry 3832, Optical instruments and lenses, is a combination of two 1967 industries: Industry 1941, Sighting and fire-control equipment made from purchased lenses; and industry 3831, Optical instruments and lenses, except sighting and fire control equipment. Historical data for industry 1941 are not available.

¹⁹⁶The figures for 1972 are not strictly comparable with those for prior years. The report form used for this industry in the 1972 Census of Manufactures contained an inquiry designed to identify establishments either grinding lenses or fitting glasses to prescription. Such establishments have been reclassified to trade industries.

¹⁹⁷Industry 3873, Watches, clocks, and watchcases was published as two separate industries in 1967: Industry 3871, Watches and Clocks; and industry 3872, Watchcases.

¹⁹⁸For 1967, golf equipment (product class 34492) has become a separate product class rather than being included with other sporting and athletic goods (product class 39493) as was done in prior years. 1963 concentration ratios are not available on a basis comparable to 1967. The 1963 product class representing other sporting and athletic goods (including golf equipment) had total shipments of \$525.4 million of which the 4 and 8 largest companies accounted for 33 and 46 percent, respectively.

¹⁹⁹Broad-tipped markers, formerly in industry 3953 (code 39530 43), are now included in industry 3951 (code 39510 43). This product code shift out of industry 3953 represents approximately 11 percent of the total 1967 shipments of products in industry 3953. The product code shift into industry 3951 is approximately 8 percent of the total 1967 shipments of products in industry 3951.

²⁰⁰For 1972, product class 39550 was reclassified as product classes 39551 and 39552.

²⁰¹Data for 1972 are not directly comparable to earlier data due to a revision in the SIC system. For 1972, data for embalming chemicals are included in product group 2899-; burial garments in product group 2389-; and innerliners, sold as such, in product group 2399-. The exact amount of these products included in product group 3994- for 1967 is unknown, but it is estimated to represent less than 7 percent of the total value of shipments at the U.S. level.

²⁰²Data for 1972 are not directly comparable to earlier years due to a significant revision in the SIC system. Children-sized caskets and coffins are now included in product class 39953, whereas in 1967 they were included in product classes 39941 and 39942. However, the effect of this change is unknown.

²⁰³Comparable data for 1967 and earlier years are not available. Since the effects of the changes noted in footnotes 201 and 202 are estimated to be greater than 15 percent.

²⁰⁴The definitions of industry 3999 has been revised for 1967. 1963 concentration ratios are not available on a basis comparable to 1967.

²⁰⁵Product classes 39993, Matches; 39994, Candles; 39995, Lamp shades; 39996, Furs, dressed and dyed, and 39997, Umbrellas, parasols, and canes are part of industry 3999, rather than separate industries as they were in 1966 and prior years. The 1967 figures, therefore, are not directly comparable to 1963 because the administrative record cases (explained in the Introduction under "not specified by kind" classes) have been included in product class 39990 for increasing the associated concentration ratios to a level not comparable to previous years.

²⁰⁶Includes receipts for work done on materials owned by others.

TABLE 7. Share of Value of Shipments of Selected Product Classes Primary to More Than One Industry Accounted for by the 4 and 8 Largest Companies: 1972 and Earlier Years

1972 code ¹	Class of product and year ¹	Value of shipments ²			
		Total (million dollars)	Percent accounted for by ³ —		
			4 largest companies	8 largest companies	
20116 20136	} Pork, processed or cured (not canned or made into sausage).....	1972..	2,413.5	22	32
		1967..	2,008.0	22	37
		1963..	1,634.7	25	41
		1958..	1,821.7	30	46
		1954..	1,847.3	40	56
20117 20137	} Sausage and similar products (not canned).....	1972..	3,264.4	17	26
		1967..	2,286.6	19	30
		1963..	1,756.2	20	29
		1958..	1,526.2	22	29
		1954..	1,187.1	24	33
20118 20138	} Canned meats, (except dog and catfood) containing 20 percent or more meat.....	1972..	1,106.3	41	57
		1967..	856.4	34	53
		1963..	730.1	39	58
		1958..	598.6	42	60
		1954..	583.4	46	63
20415 20455	} Flour mixes and refrigerated doughs ⁴	1972..	791.9	61	75
		1967..	644.9	59	74
		1963..	525.9	60	75
20668 20998	} Other chocolate and cocoa products.....	1972..	318.4	69	78
		1967..	245.0	70	79
		1963..	212.3	60	71
		1958..	206.7	62	75
22117 22617	} Finished cotton broadwoven fabrics.....	1972..	710.8	49	66
		1967..	5685.3	41	61
		1963..	724.1	55	69
		1958..	600.2	45	60
		1954..	581.4	41	58
22118 23928	} Cotton sheets and pillowcases ⁶	1972..	396.3	68	94
		1967..	438.5	62	91
		1963..	328.8	58	86
		1958..	239.9	56	76
		1954..	214.3	50	73
22119 23929	} Cotton towels and washcloths.....	1972..	409.1	66	84
		1967..	300.2	76	90
		1963..	226.4	76	87
		1958..	174.6	75	88
		1954..	147.7	80	89
22218 22628	} Finished manmade fiber and silk broadwoven fabrics.....	1972..	1,175.5	53	70
		1967..	591.1	54	70
		1963..	336.9	53	63
		1958..	157.6	38	58
23412 22542	} Women's and children's underwear ⁷	1972..	489.7	19	30
		1967..	563.6	16	23
		1963..	533.1	11	19
		1958..	529.6	11	17
		1954..	534.8	10	15
23413 22543	} Women's and children's nightwear ⁷	1972..	642.0	15	24
		1967..	425.7	12	23
		1963..	393.0	11	18
		1958..	280.7	11	19
		1954..	244.7	10	17
29117 29920	} Lubricating oils and greases ⁸	1972..	1,536.9	28	43
		1967..	1,327.0	37	54

See footnotes at end of table.

TABLE 7. Share of Value of Shipments of Selected Product Classes Primary to More Than One Industry Accounted for by the 4 and 8 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²		
		Total (million dollars)	Percent accounted for by ³ —	
			4 largest companies	8 largest companies
32113 32313	Laminated glass.....1972..	535.4	85	98
	.....1967..	361.7	85	97
	.....1963..	317.3	87	98
	.....1958..	253.8	96	99
	.....1954..	236.2	94	97
33125 33155	Steel wire.....1972..	726.3	35	53
	.....1967..	678.1	33	51
	.....1963..	619.4	37	54
	.....1958..	564.7	44	61
	.....1954..	465.0	51	65
33126 33176	Steel pipe and tubes.....1972..	2,758.5	36	54
	.....1967..	2,629.1	37	56
	.....1963..	1,887.5	40	58
	.....1958..	1,723.6	43	63
33127 33167	Cold rolled steel sheet and strip.....1972..	4,267.0	35	59
	.....1967..	3,161.9	36	60
	.....1963..	2,856.3	39	64
	.....1958..	2,091.6	41	64
33128 33168	Cold finished steel bars and bar shapes.....1972..	827.5	41	62
	.....1967..	629.2	43	64
	.....1963..	472.7	43	66
	.....1958..	338.9	45	67
33129 34629	Open die or Smith forgings (open frame hammer or press).....1972..	⁴ 524.5	39	58
	.....1967..	⁴ 462.9	33	49
	.....1963..	⁴ 294.4	35	54
	.....1968..	⁴ 220.9	45	57
33151 34961	Noninsulated ferrous wire rope, cable, and strand.....1972..	369.6	37	52
	.....1967..	246.0	49	70
	.....1963..	189.9	45	69
	.....1958..	163.4	53	70
33156 34966	Fencing and fence gates.....1972..	250.2	30	53
	.....1967..	127.0	36	59
	.....1963..	115.5	42	56
	.....1958..	103.3	45	62
	.....1954..	92.9	48	68
33157 34964	Ferrous wire cloth and other ferrous woven wire products.....1972..	128.9	29	47
	.....1967..	86.4	32	53
	.....1963..	72.3	31	49
33159 34969	Other fabricated ferrous wire products.....1972..	847.5	13	24
	.....1967..	667.4	15	25
	.....1963..	501.5	18	27
	.....1958..	405.4	21	32
	.....1954..	313.4	23	34
33312 33412	Refined copper.....1972..	1,488.8	57	74
	.....1967..	818.4	48	67
	.....1963..	668.6	51	66
	.....1958..	479.7	64	79
33323 33413	Refined lead.....1972..	455.2	66	80
	.....1967..	358.9	53	66
	.....1963..	276.4	64	73
	.....1958..	280.9	65	73
33334 33414	Refined zinc.....1972..	404.2	55	77
	.....1967..	316.6	54	81
	.....1963..	273.7	62	96
	.....1958..	206.7	49	73
33347 33417 33553	Aluminum ingot ⁵.....1972..	1,971.2	69	82
	.....1967..	1,682.4	76	84
	.....1963..	1,234.7	76	85
33348 33418 33554	Aluminum extrusion billet ⁵.....1972..	320.1	67	84
	.....1967..	281.1	77	93
	.....1963..	185.5	80	93

See footnotes at end of table.

TABLE 7. Share of Value of Shipments of Selected Product Classes Primary to More Than One Industry Accounted for by the 4 and 8 Largest Companies: 1972 and Earlier Years—Continued

1972 code ¹	Class of product and year ¹	Value of shipments ²		
		Total (million dollars)	Percent accounted for by ³ —	
			4 largest companies	8 largest companies
33395 33415	Precious metals.....1972..	527.6	67	75
	.....1967..	282.4	76	88
	.....1963..	246.4	81	89
	.....1958..	198.6	77	87
33397 33416	Other nonferrous metals, including magnesium, smelted or refined.....1972..	602.7	56	69
	.....1967..	327.8	43	60
	.....1963..	193.0	42	60
	.....1958..	163.3	37	55
33551 33571	Aluminum and aluminum-base alloy wire (including ACSR).....1972..	216.3	55	82
	.....1967..	251.9	68	89
	.....1963..	127.9	77	92
	.....1958..	100.9	73	89
33575 34965	Nonferrous metal wire products ⁵.....1972..	93.9	41	64
	.....1967..	90.0	44	61
	.....1963..	70.5	34	55
33576 36996	Appliance wire and cord and flexible cord sets.....1972..	361.2	46	63
	.....1967..	287.2	34	52
	.....1963..	167.7	29	43
	.....1958..	127.1	37	42

¹Product classes (5-digit codes) are assigned to the industry to which they are primary. Products which are primary to more than one industry are split according to the industry codes of the establishment producing them. In this table, such products have been combined to yield a wherever-made total. See table 6 for the figures for each product class separately.

²Represents, for the combination of numerically coded product classes, the total value shipped by all producers in all industries.

³Company affiliation is determined from census reports and public records. The value of shipments of products falling within each combination of product codes was aggregated for plants under common ownership and company totals derived to determine the largest producers.

⁴For 1967, one or more of the 1963 product classes have been redefined. Prior years' data and their associated concentration ratios are not available on a basis comparable to 1967.

⁵For 1963, one or more of the 1958 product classes have been redefined. Prior years' data and their associated concentration ratios are not available on a basis comparable to 1963.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2011.--MEATPACKING PLANTS ²													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	2,293	2,474	³ \$23,003.4	157.5	\$1,532.1	123.4	254.4	\$1,148.4	\$2,968.1	\$167.7	\$70.8	\$96.9	\$20,120.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	20	23	26	22	22	27	22	16	13	19	20
8 largest companies.....	(X)	4	38	36	41	36	36	43	37	26	21	30	38
20 largest companies.....	(X)	5	51	48	53	49	49	56	51	41	39	42	51
50 largest companies.....	(X)	8	66	62	68	62	62	69	66	59	60	59	66
INDUSTRY 2013.--SAUSAGES AND OTHER PREPARED MEATS ²													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,207	1,311	³ \$4,632.4	58.1	\$542.2	43.5	88.2	\$372.2	\$1,099.9	\$74.0	\$28.2	\$45.8	\$3,556.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	19	15	17	15	15	18	19	17	13	19	17
8 largest companies.....	(X)	3	26	20	22	21	21	24	26	19	14	22	25
20 largest companies.....	(X)	6	38	30	33	30	31	35	38	42	47	39	37
50 largest companies.....	(X)	10	54	45	49	45	46	51	54	56	61	53	53
INDUSTRY 2016.--POULTRY DRESSING PLANTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	406	522	\$3,254.1	77.6	\$391.8	70.7	139.3	\$331.1	\$724.4	\$45.5	\$13.5	\$32.0	\$2,527.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	17	17	17	18	18	18	18	19	24	17	16
8 largest companies.....	(X)	13	26	26	26	26	26	27	27	29	(D)	(D)	26
20 largest companies.....	(X)	21	42	41	41	42	42	43	41	46	40	49	43
50 largest companies.....	(X)	31	62	61	61	61	62	62	60	61	57	63	63
INDUSTRY 2017.--POULTRY AND EGG PROCESSING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	110	130	\$588.1	14.6	\$77.5	13.0	24.7	\$61.7	\$168.5	\$12.4	\$5.3	\$7.1	\$419.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	23	29	30	30	30	32	23	25	24	26	23
8 largest companies.....	(X)	12	36	38	40	39	41	42	33	39	40	38	38
20 largest companies.....	(X)	25	65	65	67	66	68	68	64	60	56	63	65
50 largest companies.....	(X)	54	91	86	89	86	89	89	89	91	93	90	91
INDUSTRY 2021.--CREAMERY BUTTER													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	201	231	\$808.3	4.0	\$31.0	2.9	6.0	\$22.1	\$82.3	\$7.8	\$1.6	\$6.2	\$724.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	12	45	40	38	40	40	41	36	39	53	35	46
8 largest companies.....	(X)	16	58	51	51	51	51	54	47	62	69	60	59
20 largest companies.....	(X)	21	78	65	69	65	67	70	63	74	80	72	80
50 largest companies.....	(X)	35	92	82	87	82	84	87	83	93	90	94	93
INDUSTRY 2022.--CHEESE, NATURAL AND PROCESSED													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	739	872	\$3,195.0	25.2	\$186.3	20.6	40.8	\$137.1	\$492.3	\$49.9	\$19.0	\$30.9	\$2,719.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	42	35	39	36	34	39	30	(D)	(D)	(D)	44
8 largest companies.....	(X)	10	53	45	49	45	44	49	39	57	(D)	(D)	55
20 largest companies.....	(X)	14	65	54	58	54	54	58	54	64	70	60	67
50 largest companies.....	(X)	19	77	67	72	68	69	73	72	76	80	73	78

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2023.--CONDENSED AND EVAPORATED MILK													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	172	283	\$1,667.8	12.3	\$108.3	9.4	19.4	\$77.8	\$467.3	\$32.1	\$10.7	\$21.3	\$1,200.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	14	39	29	29	32	31	33	52	48	(D)	(D)	34
8 largest companies.....	(X)	22	58	46	46	49	49	51	69	68	81	61	54
20 largest companies.....	(X)	40	76	68	68	72	71	74	83	79	86	75	74
50 largest companies.....	(X)	55	92	84	85	86	86	88	91	90	96	87	93
INDUSTRY 2024.--ICE CREAM AND FROZEN DESSERTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	561	697	\$1,244.7	21.1	\$184.7	12.0	23.5	\$94.7	\$459.8	\$35.8	\$7.5	\$28.3	\$785.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	29	25	28	23	24	28	29	25	26	25	29
8 largest companies.....	(X)	16	40	33	37	33	35	40	41	34	(D)	(D)	39
20 largest companies.....	(X)	19	58	47	52	46	49	54	60	51	53	51	57
50 largest companies.....	(X)	25	75	64	70	65	67	72	75	79	79	79	75
INDUSTRY 2026.--FLUID MILK													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	2,024	2,507	\$9,395.7	126.1	\$1,086.1	48.0	99.1	\$400.8	\$2,552.4	\$149.2	\$31.3	\$117.8	\$6,854.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	18	15	17	15	16	16	17	14	16	13	18
8 largest companies.....	(X)	9	26	22	25	22	22	25	27	26	30	24	26
20 largest companies.....	(X)	14	42	35	37	36	36	39	41	41	43	41	43
50 largest companies.....	(X)	19	56	45	48	47	47	51	54	54	57	53	57
INDUSTRY 2032.--CANNED SPECIALTIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	178	203	⁴ \$1,876.6	29.1	\$217.8	24.0	46.9	\$167.0	⁴ \$814.6	\$44.1	\$11.4	\$32.7	\$1,062.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	67	61	68	61	60	69	70	61	(D)	(D)	65
8 largest companies.....	(X)	14	81	72	78	73	72	79	84	80	(D)	(D)	79
20 largest companies.....	(X)	22	94	88	91	88	89	92	94	94	91	95	94
50 largest companies.....	(X)	37	98	96	97	96	97	97	98	97	95	98	99
INDUSTRY 2033.--CANNED FRUITS AND VEGETABLES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	766	1,038	⁴ \$4,043.8	89.8	\$559.9	78.8	147.1	\$447.9	⁴ \$1,625.1	\$113.1	\$30.8	\$82.4	\$2,414.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	20	17	18	19	18	20	22	15	11	16	18
8 largest companies.....	(X)	8	31	28	29	29	29	32	34	26	18	29	29
20 largest companies.....	(X)	16	53	47	50	48	48	53	56	40	38	41	50
50 largest companies.....	(X)	24	71	64	69	65	67	71	74	67	64	68	70
INDUSTRY 2034.--DEHYDRATED FRUITS, VEGETABLES, SOUPS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	133	178	\$607.3	12.4	\$84.3	10.6	19.8	\$63.0	\$235.7	\$18.9	\$3.3	\$15.6	\$351.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	33	19	20	20	19	22	30	(D)	(D)	(D)	34
8 largest companies.....	(X)	12	51	40	44	39	38	43	53	57	(D)	(D)	50
20 largest companies.....	(X)	23	76	70	74	69	71	74	75	86	83	87	76
50 largest companies.....	(X)	44	94	90	93	91	93	93	93	93	90	94	95

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2035.--PICKLES, SAUCES, AND SALAD DRESSINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	430	495	⁴ \$1,166.7	20.8	\$146.2	16.6	32.4	\$102.2	⁴ \$428.0	\$43.4	\$17.8	\$25.7	\$738.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	33	22	26	21	23	30	29	48	47	48	35
8 largest companies.....	(X)	7	46	34	37	35	37	42	45	65	(D)	(D)	46
20 largest companies.....	(X)	12	62	51	54	53	54	59	62	74	72	75	62
50 largest companies.....	(X)	22	81	73	75	73	75	78	81	84	81	85	81
INDUSTRY 2037.--FROZEN FRUITS AND VEGETABLES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	136	208	⁴ \$1,848.8	42.8	\$261.2	37.6	74.5	\$208.8	⁴ \$694.6	\$57.8	\$12.5	\$45.3	\$1,150.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	29	22	23	22	22	23	31	15	10	17	27
8 largest companies.....	(X)	17	43	39	39	40	39	40	49	29	(D)	(D)	40
20 largest companies.....	(X)	31	69	65	66	65	66	67	71	54	39	58	68
50 largest companies.....	(X)	55	91	87	88	87	88	89	91	82	78	84	90
INDUSTRY 2038.--FROZEN SPECIALTIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	388	435	⁴ \$1,935.5	38.3	\$264.1	31.8	61.5	\$190.1	⁴ \$716.3	\$81.0	\$26.0	\$55.1	\$1,221.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	42	38	37	38	40	39	35	39	(D)	(D)	46
8 largest companies.....	(X)	7	54	46	48	46	46	49	49	53	(D)	(D)	57
20 largest companies.....	(X)	13	70	61	65	61	63	66	68	70	64	73	71
50 largest companies.....	(X)	22	86	77	80	76	78	81	84	80	75	82	87
INDUSTRY 2041.--FLOUR AND OTHER GRAIN MILL PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	340	457	\$2,380.0	16.1	\$152.8	11.9	26.9	\$108.1	\$509.8	\$30.0	\$7.1	\$22.9	\$1,885.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	33	25	28	26	25	30	28	22	(D)	(D)	34
8 largest companies.....	(X)	18	53	42	45	43	43	48	52	52	41	56	54
20 largest companies.....	(X)	24	75	61	65	62	63	69	75	73	72	74	76
50 largest companies.....	(X)	33	91	82	86	83	83	88	89	90	94	89	92
INDUSTRY 2043.--CEREAL BREAKFAST FOODS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	34	47	\$1,125.5	12.9	\$140.9	10.7	21.6	\$111.6	\$688.4	\$24.9	\$6.7	\$18.2	\$439.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	26	90	85	88	85	85	89	91	79	31	97	89
8 largest companies.....	(X)	45	98	96	98	96	96	98	99	(D)	(D)	98	97
20 largest companies.....	(X)	70	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2044.--RICE MILLING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	48	57	\$680.6	4.0	\$30.9	3.0	6.6	\$19.1	\$148.3	\$6.3	\$1.5	\$4.8	\$535.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	18	43	45	51	42	41	49	51	37	(D)	(D)	41
8 largest companies.....	(X)	26	68	63	71	59	60	67	69	72	(D)	(D)	68
20 largest companies.....	(X)	51	92	85	90	84	86	89	91	95	(D)	(D)	92
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com-panies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)		(c)	(d)	(e)	(f)	(g)		(h)	(i)	(j)		(k)	(l)	(m)
	INDUSTRY 2045.--BLENDED AND PREPARED FLOUR												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	115	137	\$704.6	7.9	\$74.9	5.7	12.3	\$53.2	\$306.8	\$13.7	\$4.2	\$9.5	\$401.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	13	68	53	61	58	59	66	76	66	69	64	62
8 largest companies.....	(X)	20	81	71	76	75	77	82	84	78	(D)	(D)	80
20 largest companies.....	(X)	30	92	83	88	86	87	90	93	93	96	92	92
50 largest companies.....	(X)	53	98	96	98	96	96	98	98	98	98	98	98
	INDUSTRY 2046.--WET CORN MILLING												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	26	41	\$832.3	12.1	\$137.7	8.4	17.1	\$88.6	\$331.2	\$59.7	\$9.3	\$50.4	\$498.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	27	63	69	68	72	69	71	69	75	69	76	60
8 largest companies.....	(X)	49	86	89	89	89	88	89	89	86	(D)	(D)	84
20 largest companies.....	(X)	85	99+	99+	99+	99+	99+	99+	99+	99+	(D)	(D)	99+
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
	INDUSTRY 2047.--DOG, CAT, AND OTHER PET FOOD												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	147	221	\$1,401.9	14.3	\$135.1	11.0	24.0	\$96.3	\$613.8	\$61.1	\$18.8	\$42.3	\$794.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	11	51	40	47	42	44	51	54	60	69	57	48
8 largest companies.....	(X)	16	71	55	63	57	59	67	75	83	(D)	(D)	68
20 largest companies.....	(X)	37	86	77	82	78	79	84	90	92	94	91	84
50 largest companies.....	(X)	55	95	89	91	89	90	92	95	96	98	96	94
	INDUSTRY 2048.--PREPARED FEEDS, N.E.C.												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,579	2,120	\$5,037.1	44.0	\$340.5	27.7	60.6	\$188.6	\$1,100.5	\$70.8	\$18.3	\$52.6	\$3,948.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	23	14	17	15	15	19	23	20	22	19	23
8 largest companies.....	(X)	11	31	21	24	21	21	26	30	27	30	26	31
20 largest companies.....	(X)	16	43	30	34	29	29	34	40	34	34	34	44
50 largest companies.....	(X)	21	58	43	48	42	42	48	55	48	48	48	58
	INDUSTRY 2051.--BREAD, CAKE, AND RELATED PRODUCTS												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	2,800	3,318	\$6,132.0	193.5	\$1,692.2	109.6	219.3	\$876.2	\$3,518.1	\$170.6	\$36.8	133.8	\$2,615.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	29	26	29	22	23	26	29	34	38	33	30
8 largest companies.....	(X)	8	39	34	37	31	32	36	39	(D)	(D)	35	39
20 largest companies.....	(X)	10	50	44	48	42	43	49	50	56	57	56	50
50 largest companies.....	(X)	14	62	54	58	52	53	58	62	65	67	64	61
	INDUSTRY 2052.--COOKIES AND CRACKERS												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	257	315	\$1,763.5	41.1	\$336.9	33.0	65.4	\$244.8	\$1,018.9	\$36.7	\$5.4	\$31.3	\$742.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	59	48	53	50	52	58	64	59	42	62	52
8 largest companies.....	(X)	11	69	60	64	62	64	69	72	70	(D)	(D)	65
20 largest companies.....	(X)	20	83	76	81	77	78	83	85	84	82	84	81
50 largest companies.....	(X)	32	93	89	91	89	90	92	93	90	90	91	93

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2061.--RAW CANE SUGAR													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	60	77	\$406.5	7.1	\$60.7	5.2	12.3	\$44.0	\$151.7	\$28.8	\$2.4	\$26.4	\$260.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	19	44	47	52	44	42	49	42	51	43	52	45
8 largest companies.....	(X)	31	62	60	66	59	57	64	63	64	(D)	(D)	60
20 largest companies.....	(X)	48	84	80	84	79	77	84	86	84	87	84	83
50 largest companies.....	(X)	87	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 2062.--CANE SUGAR REFINING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	22	33	\$1,742.7	10.9	\$119.5	8.2	18.1	\$83.8	\$383.9	\$23.6	\$2.8	\$20.8	\$1,363.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	42	59	58	58	55	51	56	69	53	52	53	56
8 largest companies.....	(X)	58	85	81	81	80	80	82	88	84	97	82	83
20 largest companies.....	(X)	94	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2063.--BEET SUGAR													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	16	61	\$880.2	11.5	\$92.3	10.4	21.2	\$78.4	310.5	\$34.9	\$3.0	\$31.9	\$566.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	61	66	66	67	65	65	66	68	47	24	49	64
8 largest companies.....	(X)	85	96	96	96	96	96	97	96	99	(D)	(D)	96
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	(D)	(D)	(D)
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
INDUSTRY 2065.--CONFECTIONERY PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	917	1,011	\$2,472.5	60.7	\$422.2	49.2	95.9	\$299.3	\$1,115.7	\$53.4	\$13.4	\$40.1	\$1,364.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	32	20	27	21	22	28	30	26	20	27	33
8 largest companies.....	(X)	4	42	29	36	30	32	38	40	38	33	40	43
20 largest companies.....	(X)	7	59	48	53	48	50	55	60	60	55	61	58
50 largest companies.....	(X)	12	75	65	70	65	67	71	75	74	74	74	76
INDUSTRY 2066.--CHOCOLATE AND COCOA PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	39	48	\$735.5	10.0	\$83.3	8.0	15.5	\$60.6	\$282.6	\$26.5	\$9.1	\$17.4	\$455.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	19	74	75	75	75	73	76	83	(D)	(D)	(D)	69
8 largest companies.....	(X)	35	88	87	88	88	86	89	91	(D)	(D)	(D)	87
20 largest companies.....	(X)	60	99	98	98	98	98	98	99	98	99	98	99
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2067.--CHEWING GUM													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	15	19	\$382.6	6.9	\$53.6	5.8	11.5	\$41.3	\$228.4	\$19.0	\$5.9	\$13.1	\$150.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	42	87	78	81	79	79	83	89	(D)	(D)	94	83
8 largest companies.....	(X)	63	98	96	97	96	97	97	98	(D)	(D)	99	97
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2074.--COTTONSEED OIL MILLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	74	115	\$458.7	5.5	\$34.2	4.4	9.8	\$24.0	\$88.2	\$9.9	\$3.0	\$6.9	\$368.1
Percent of above totals accounted for by--	(X)	23	43	35	37	33	33	36	45	28	(D)	(D)	44
4 largest companies.....	(X)	39	61	52	57	50	50	55	64	47	(D)	(D)	61
8 largest companies.....	(X)	51	80	71	74	69	70	73	85	84	77	88	80
20 largest companies.....	(X)	79	99	98	98	98	98	98	99	99	99	99	99
INDUSTRY 2075.--SOYBEAN OIL MILLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	54	94	\$3,357.2	9.1	\$82.4	6.6	14.8	\$54.7	\$350.0	\$41.9	\$9.5	\$32.4	\$3,065.5
Percent of above totals accounted for by--	(X)	38	54	42	45	40	39	46	50	45	26	51	55
4 largest companies.....	(X)	48	69	57	60	55	54	61	67	49	27	55	70
8 largest companies.....	(X)	63	92	79	84	76	76	84	88	81	50	90	93
20 largest companies.....	(X)	96	99+	99+	99+	99+	99+	99+	99+	99+	100	99+	99+
INDUSTRY 2076.--VEGETABLE OIL MILLS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	29	32	\$261.0	1.2	\$11.6	.9	1.9	\$7.8	\$44.8	\$3.1	\$1.1	\$2.0	\$227.1
Percent of above totals accounted for by--	(X)	22	70	45	55	48	50	63	59	29	(D)	(D)	72
4 largest companies.....	(X)	34	89	74	83	74	75	82	84	86	(D)	(D)	90
8 largest companies.....	(X)	72	99+	98	98	97	98	98	99+	99+	99+	99+	99+
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2077.--ANIMAL AND MARINE FATS AND OILS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	401	511	\$764.7	11.6	\$106.0	8.4	18.5	\$68.3	\$296.7	\$31.0	\$6.7	\$24.3	\$470.4
Percent of above totals accounted for by--	(X)	10	28	19	22	18	18	23	24	26	10	30	31
4 largest companies.....	(X)	15	37	30	31	29	28	33	35	37	24	41	38
8 largest companies.....	(X)	21	52	42	46	42	42	47	49	55	41	59	54
20 largest companies.....	(X)	29	70	56	61	55	56	60	67	68	55	71	72
INDUSTRY 2079.--SHORTENING AND COOKING OILS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	64	109	\$2,068.1	12.9	\$133.7	9.0	19.5	\$87.8	\$512.6	\$35.5	\$4.7	\$30.8	\$1,549.4
Percent of above totals accounted for by--	(X)	17	44	31	35	30	31	35	36	60	63	60	47
4 largest companies.....	(X)	32	70	55	58	54	55	59	68	68	69	68	71
8 largest companies.....	(X)	58	93	88	90	88	88	91	93	93	88	94	93
20 largest companies.....	(X)	87	99+	99	99	99	99	99	99	99+	99+	99+	99+
INDUSTRY 2082.--MALT BEVERAGES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	108	167	\$4,054.4	51.5	\$652.8	33.8	66.9	\$408.7	\$1,993.6	\$155.6	\$39.8	\$115.8	\$2,066.5
Percent of above totals accounted for by--	(X)	15	52	41	45	41	41	47	49	67	(D)	(D)	55
4 largest companies.....	(X)	26	70	58	63	59	60	65	69	79	87	77	71
8 largest companies.....	(X)	46	91	84	88	85	85	88	90	94	94	94	92
20 largest companies.....	(X)	65	99	97	98	97	97	98	99	99	99	99	99

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2083.--MALT													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	30	40	\$226.3	1.7	\$20.0	1.3	2.5	\$14.8	\$55.0	\$7.9	\$1.6	\$6.3	\$168.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	25	48	47	44	47	44	46	48	77	(D)	(D)	47
8 largest companies.....	(X)	40	74	71	70	69	67	70	75	85	66	91	73
20 largest companies.....	(X)	75	98	96	96	96	96	96	97	99	100	99	98
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2084.--WINES, BRANDY, AND BRANDY SPIRITS ²													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	183	213	³ \$865.0	9.4	\$91.5	5.6	11.8	\$48.1	\$407.9	\$43.7	\$11.7	\$32.0	\$536.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	50	42	46	40	43	43	53	39	37	39	55
8 largest companies.....	(X)	14	65	55	60	56	58	59	68	62	(D)	60	66
20 largest companies.....	(X)	22	83	74	78	74	76	78	84	82	79	83	86
50 largest companies.....	(X)	38	94	90	92	90	91	92	95	93	90	94	96
INDUSTRY 2085.--DISTILLED LIQUOR, EXCEPT BRANDY													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	76	121	⁴ \$1,797.9	18.4	\$183.1	14.5	28.6	\$132.5	⁴ \$1,024.0	\$32.8	\$7.1	\$25.7	\$784.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	23	47	53	54	56	57	59	50	27	29	26	44
8 largest companies.....	(X)	31	73	67	67	70	71	72	80	42	53	39	65
20 largest companies.....	(X)	52	91	88	90	89	89	92	93	64	82	59	88
50 largest companies.....	(X)	79	99+	99	99	99	99	99	100	98	98	99	99+
INDUSTRY 2086.--BOTTLED AND CANNED SOFT DRINKS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	2,271	2,683	\$5,453.8	121.1	\$984.4	45.6	91.9	\$297.5	\$2,336.7	\$207.1	\$35.8	\$171.2	\$3,128.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	14	10	13	11	10	14	14	17	14	18	14
8 largest companies.....	(X)	5	21	14	17	15	14	18	20	22	19	23	21
20 largest companies.....	(X)	8	32	23	28	23	23	29	31	30	26	31	33
50 largest companies.....	(X)	13	44	35	41	34	34	41	43	42	37	43	45
INDUSTRY 2087.--FLAVORING EXTRACTS AND SIRUPS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	350	400	\$1,472.0	10.1	\$100.9	6.0	12.4	\$49.4	\$871.9	\$21.1	\$6.7	\$14.4	\$612.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	66	29	32	35	37	45	70	53	59	50	61
8 largest companies.....	(X)	8	74	38	43	39	41	49	80	60	61	59	65
20 largest companies.....	(X)	13	82	54	57	55	57	62	85	71	71	70	76
50 largest companies.....	(X)	23	89	72	74	73	74	77	91	83	85	83	87
INDUSTRY 2091.--CANNED AND CURED SEAFOODS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	259	310	⁴ \$809.8	16.0	\$99.0	14.0	24.0	\$75.0	⁴ \$231.4	\$15.5	\$5.7	\$9.8	\$580.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	50	30	38	30	32	38	39	20	4	29	54
8 largest companies.....	(X)	8	65	47	55	46	50	54	53	(D)	(D)	(D)	70
20 largest companies.....	(X)	19	77	64	72	64	68	72	70	78	85	71	80
50 largest companies.....	(X)	31	89	79	84	79	82	84	84	91	92	90	91

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2092.--FRESH OR FROZEN PACKAGED FISH													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	471	519	⁴ \$1,084.4	25.0	\$129.6	21.8	37.7	\$93.8	⁴ \$287.5	\$17.8	\$5.8	\$12.1	\$798.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	20	15	17	14	16	15	15	10	10	10	21
8 largest companies.....	(X)	3	32	24	28	22	26	24	24	(D)	(D)	20	35
20 largest companies.....	(X)	8	53	37	44	25	42	41	43	36	(D)	(D)	56
50 largest companies.....	(X)	17	74	54	63	53	60	60	67	61	70	57	76
INDUSTRY 2095.--ROASTED COFFEE													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	162	213	\$2,328.7	12.9	\$131.5	8.3	17.0	\$81.0	\$825.8	\$31.5	\$6.0	\$25.5	\$1,503.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	65	51	55	60	61	67	73	70	(D)	(D)	61
8 largest companies.....	(X)	15	79	61	66	72	72	79	83	74	(D)	(D)	77
20 largest companies.....	(X)	33	92	82	84	87	87	90	93	93	96	92	91
50 largest companies.....	(X)	47	97	92	93	94	94	95	97	97	98	97	97
INDUSTRY 2097.--MANUFACTURED ICE													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	610	818	\$116.4	6.8	\$42.6	4.7	9.5	\$26.1	\$91.7	\$8.9	\$2.9	\$6.0	\$24.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	16	32	29	35	29	29	36	30	33	47	27	39
8 largest companies.....	(X)	22	44	40	45	37	38	43	43	(D)	(D)	41	46
20 largest companies.....	(X)	24	53	47	53	45	47	53	53	59	70	53	55
50 largest companies.....	(X)	30	63	57	63	54	57	62	63	65	73	61	64
INDUSTRY 2098.--MACARONI AND SPAGHETTI													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	179	194	\$348.3	7.3	\$59.4	5.1	10.8	\$34.2	\$155.7	\$7.1	\$0.7	\$6.3	\$194.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	38	26	31	26	28	30	39	24	(D)	(D)	37
8 largest companies.....	(X)	10	53	40	45	38	39	43	54	(D)	(D)	(D)	53
20 largest companies.....	(X)	17	76	64	70	63	64	69	75	61	56	62	76
50 largest companies.....	(X)	34	93	90	92	89	90	91	93	91	85	92	94
INDUSTRY 2099.--FOOD PREPARATIONS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	1,856	2,099	\$3,647.9	66.2	\$512.1	44.7	83.8	\$285.2	\$1,805.2	\$91.8	\$25.6	\$66.2	\$1,853.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	26	15	16	18	15	21	30	16	(D)	(D)	21
8 largest companies.....	(X)	4	36	25	26	27	25	31	42	31	(D)	(D)	30
20 largest companies.....	(X)	6	51	36	39	39	38	45	55	55	61	53	47
50 largest companies.....	(X)	12	67	52	57	53	54	61	70	68	72	67	64
INDUSTRY 2111.--CIGARETTES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	13	20	⁴ \$3,744.6	38.1	\$344.8	33.4	62.2	\$286.5	⁴ \$2,188.4	\$101.5	\$44.9	\$56.6	\$1,554.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	40	84	83	83	83	83	83	84	93	(D)	(D)	84
8 largest companies.....	(X)	75	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 largest companies.....	(X)	100	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com-panies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2121.--CIGARS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	107	124	⁴ \$338.7	13.5	\$68.2	12.1	22.4	\$54.8	⁴ \$191.9	\$5.4	\$0.8	\$4.6	\$146.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	11	56	52	55	53	53	57	60	18	16	18	51
8 largest companies.....	(X)	17	81	77	78	77	78	79	82	75	80	74	79
20 largest companies.....	(X)	27	95	92	93	92	93	94	95	90	88	90	95
50 largest companies.....	(X)	53	99	99	99	99	99	99	99	98	98	99	99
INDUSTRY 2131.--CHEWING AND SMOKING TOBACCO													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	28	37	⁴ \$180.2	3.3	\$23.0	2.6	4.7	\$15.0	⁴ \$103.2	\$12.1	\$4.3	\$7.9	\$77.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	27	71	60	61	62	63	63	76	(D)	(D)	(D)	64
8 largest companies.....	(X)	43	92	85	90	85	87	89	93	99	(D)	(D)	90
20 largest companies.....	(X)	78	99+	99	99	99	99	99	99+	99+	99+	99+	99+
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2141.--TOBACCO STEMMING AND REDRYING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	46	91	⁴ \$1,656.8	11.4	\$66.0	9.3	17.4	\$44.5	⁴ \$153.6	\$14.1	\$3.0	\$11.2	\$1,502.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	21	67	39	43	39	40	45	51	31	32	31	69
8 largest companies.....	(X)	38	87	65	71	64	66	69	65	(D)	(D)	(D)	90
20 largest companies.....	(X)	68	98	88	91	87	89	91	95	95	98	94	98
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2211.--WEAVING MILLS, COTTON													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	190	307	\$2,660.6	121.3	\$745.2	112.1	235.8	\$654.9	\$1,256.3	\$72.7	\$11.1	\$61.6	\$1,389.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	11	31	31	31	31	31	32	29	41	51	39	33
8 largest companies.....	(X)	20	48	45	45	45	45	47	46	51	56	50	50
20 largest companies.....	(X)	34	72	68	69	68	69	70	71	71	71	71	73
50 largest companies.....	(X)	52	93	92	92	92	92	92	93	92	92	92	94
INDUSTRY 2221.--WEAVING MILLS, MANMADE FIBER AND SILK													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	256	412	\$3,856.6	149.7	\$979.4	134.9	292.7	\$825.2	\$1,831.6	\$136.2	\$22.3	\$113.9	\$2,062.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	17	39	35	36	35	35	36	34	23	25	22	44
8 largest companies.....	(X)	25	54	53	53	54	54	54	50	29	28	30	57
20 largest companies.....	(X)	34	72	71	71	72	72	72	72	63	62	64	73
50 largest companies.....	(X)	48	88	87	87	88	88	88	88	84	81	85	88
INDUSTRY 2231.--WEAVING AND FINISHING MILLS, WOOL													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	178	198	\$450.1	19.4	\$132.1	16.5	34.7	\$99.0	\$239.4	\$11.6	\$3.5	\$8.1	\$217.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	38	32	33	32	34	32	31	23	(D)	(D)	43
8 largest companies.....	(X)	10	49	43	43	42	43	42	43	(D)	(D)	43	55
20 largest companies.....	(X)	17	70	63	64	63	65	64	66	67	(D)	(D)	74
50 largest companies.....	(X)	34	90	86	87	86	87	87	87	86	90	85	93

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2241.--NARROW FABRIC MILLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	324	376	\$566.2	27.1	\$162.3	23.5	47.3	\$120.9	\$289.0	\$11.2	\$2.4	\$8.9	\$276.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	20	24	22	23	24	22	20	7	(D)	(D)	20
8 largest companies.....	(X)	6	31	33	33	32	32	32	29	15	(D)	(D)	32
20 largest companies.....	(X)	13	49	48	48	48	48	47	49	37	41	36	48
50 largest companies.....	(X)	24	71	69	69	68	69	69	72	62	59	63	69
INDUSTRY 2251.--WOMEN'S HOSIERY, EXCEPT SOCKS ⁵													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	256	312	\$984.7	49.5	\$247.4	43.5	80.0	\$199.0	\$438.8	\$15.9	\$2.8	\$13.1	\$533.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	35	29	32	29	30	32	30	24	14	26	40
8 largest companies.....	(X)	12	49	37	40	37	39	40	42	42	(D)	(D)	54
20 largest companies.....	(X)	20	69	61	64	61	62	64	65	58	56	58	71
50 largest companies.....	(X)	33	87	81	84	82	83	84	86	78	74	79	88
INDUSTRY 2252.--HOSIERY, N.E.C. ⁵													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	376	415	\$600.6	32.6	\$159.7	29.3	53.8	\$128.5	\$295.2	\$12.5	\$3.1	\$9.3	\$309.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	19	14	16	15	15	16	19	12	(D)	(D)	20
8 largest companies.....	(X)	6	29	23	24	23	24	24	28	20	15	22	30
20 largest companies.....	(X)	11	46	39	42	39	40	42	48	37	28	40	44
50 largest companies.....	(X)	20	66	59	63	59	61	63	68	66	67	65	65
INDUSTRY 2253.--KNIT OUTERWEAR MILLS ⁵													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	882	917	\$1,703.8	74.4	\$430.4	65.1	122.5	\$324.1	\$799.5	\$45.9	\$9.6	\$36.3	\$919.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	16	8	8	7	8	7	9	(D)	(D)	(D)	21
8 largest companies.....	(X)	2	26	17	17	16	17	15	18	11	16	10	32
20 largest companies.....	(X)	4	44	33	34	32	33	32	37	39	43	38	50
50 largest companies.....	(X)	8	59	47	48	46	47	46	53	58	61	57	65
INDUSTRY 2254.--KNIT UNDERWEAR MILLS ⁵													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	74	87	\$544.6	26.0	\$134.6	23.8	43.5	\$111.6	\$251.5	\$7.0	\$1.6	\$5.5	\$290.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	46	34	37	34	34	38	46	25	(D)	(D)	46
8 largest companies.....	(X)	20	61	54	56	55	55	57	61	44	(D)	(D)	61
20 largest companies.....	(X)	37	85	80	81	80	80	80	83	79	74	81	86
50 largest companies.....	(X)	72	98	97	98	97	97	97	98	96	95	96	99
INDUSTRY 2257.--CIRCULAR KNIT FABRIC MILLS ⁵													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	630	716	\$2,808.8	68.1	\$492.6	57.3	121.7	\$362.1	\$1,036.0	\$270.1	\$34.5	\$235.6	\$1,800.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	23	16	17	16	16	16	16	30	29	30	28
8 largest companies.....	(X)	7	31	23	24	23	23	23	24	37	36	37	36
20 largest companies.....	(X)	11	49	38	38	37	38	36	40	54	56	53	55
50 largest companies.....	(X)	17	69	58	58	57	58	57	61	68	68	68	74

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com-panies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	INDUSTRY 2258.--WARP KNIT FABRIC MILLS ⁵												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	174	203	\$987.7	22.0	\$159.2	18.4	39.2	\$120.5	\$317.8	\$48.2	\$11.5	\$36.6	\$694.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	27	19	19	19	20	19	20	29	31	29	30
8 largest companies.....	(X)	10	46	34	35	35	36	36	41	39	(D)	(D)	49
20 largest companies.....	(X)	20	72	55	57	54	56	56	61	57	48	60	77
50 largest companies.....	(X)	39	91	80	81	79	80	81	85	88	93	87	94
	INDUSTRY 2259.--KNITTING MILLS, N.E.C. ⁵												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	72	73	\$73.1	3.9	\$23.1	3.3	6.5	\$17.4	\$41.8	\$2.0	\$0.2	\$1.8	\$32.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	52	47	52	48	49	55	56	47	(Z)	53	47
8 largest companies.....	(X)	12	67	64	70	67	67	74	71	58	(D)	(D)	62
20 largest companies.....	(X)	29	83	81	84	81	82	84	84	74	45	78	82
50 largest companies.....	(X)	70	98	97	98	97	97	98	98	97	94	98	98
	INDUSTRY 2261.--FINISHING PLANTS, COTTON												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	182	196	\$623.3	25.7	\$177.2	21.7	45.0	\$142.1	\$322.0	\$31.5	\$8.0	\$23.5	\$303.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	27	31	30	31	30	32	31	25	(D)	(D)	23
8 largest companies.....	(X)	6	41	39	39	39	38	40	40	28	14	32	40
20 largest companies.....	(X)	14	67	62	62	62	62	63	65	56	46	60	70
50 largest companies.....	(X)	31	89	85	85	85	86	86	87	90	86	91	91
	INDUSTRY 2262.--FINISHING PLANTS, MANMADE FIBER AND SILK												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	219	258	\$1,365.2	35.2	\$263.2	29.5	63.4	\$200.7	\$521.5	\$48.8	\$10.6	\$38.1	\$846.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	56	29	25	28	28	25	34	40	(D)	(D)	69
8 largest companies.....	(X)	9	64	41	37	41	40	37	46	53	54	53	76
20 largest companies.....	(X)	20	77	59	56	59	60	56	63	66	63	67	86
50 largest companies.....	(X)	34	89	78	77	78	78	77	82	87	88	86	93
	INDUSTRY 2269.--FINISHING PLANTS, N.E.C.												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	189	201	\$637.3	18.5	\$123.5	16.1	37.1	\$93.2	\$270.4	\$35.2	\$9.4	\$25.9	\$368.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	24	17	17	18	18	19	18	21	(D)	(D)	28
8 largest companies.....	(X)	6	36	26	26	27	26	28	28	29	28	29	41
20 largest companies.....	(X)	13	58	47	48	48	46	49	52	51	49	52	62
50 largest companies.....	(X)	29	86	75	76	76	80	77	81	82	70	86	89
	INDUSTRY 2271.--WOVEN CARPETS AND RUGS ²												
Total (columns c, e, g, h to m in millions, d and f in thousands)...	64	65	\$212.3	6.5	\$44.5	5.6	11.6	\$35.2	\$93.2	\$3.2	\$0.6	\$2.6	\$119.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	76	73	74	73	74	74	78	91	92	90	76
8 largest companies.....	(X)	14	89	86	87	86	86	87	91	(D)	92	(D)	87
20 largest companies.....	(X)	32	96	95	96	96	96	97	98	97	96	97	95
50 largest companies.....	(X)	79	99	99	99	99	99	99	99+	99+	99+	99+	98

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2272.--TUFTED CARPETS AND RUGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	333	379	\$2,775.2	50.1	\$348.0	40.3	83.1	\$243.2	\$926.8	\$67.1	\$21.7	\$45.4	\$1,889.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	20	15	16	15	14	17	22	15	16	14	19
8 largest companies.....	(X)	7	33	26	27	26	27	29	34	23	20	24	33
20 largest companies.....	(X)	12	56	48	50	47	47	50	56	41	32	45	56
50 largest companies.....	(X)	22	78	73	74	72	72	74	77	68	76	65	79
INDUSTRY 2279.--CARPETS AND RUGS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	80	85	\$165.5	3.3	\$23.6	2.6	5.1	\$15.9	\$58.2	\$4.4	\$0.7	\$3.7	\$108.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	11	78	59	70	56	60	68	70	73	(D)	(D)	82
8 largest companies.....	(X)	15	88	73	80	71	75	79	85	(D)	(D)	84	89
20 largest companies.....	(X)	29	94	84	89	83	85	88	93	89	85	89	95
50 largest companies.....	(X)	65	99	98	99	98	98	99	99	99	98	99	99
INDUSTRY 2281.--YARN MILLS, EXCEPT WOOL													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	263	424	\$2,248.3	89.6	\$516.3	83.5	177.2	\$451.4	\$867.2	\$96.3	\$16.5	\$79.8	\$1,385.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	21	19	20	19	20	20	19	17	15	17	22
8 largest companies.....	(X)	15	31	26	28	26	27	28	30	29	25	30	32
20 largest companies.....	(X)	23	50	43	45	43	44	45	46	43	45	43	52
50 largest companies.....	(X)	42	74	67	69	67	69	70	71	71	63	72	76
INDUSTRY 2282.--THROWING AND WINDING MILLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	177	212	\$1,427.6	38.0	\$230.9	32.9	67.9	\$180.1	\$477.8	\$113.7	\$27.7	\$86.0	\$941.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	35	28	32	27	27	31	37	23	18	25	34
8 largest companies.....	(X)	12	51	40	44	39	41	42	48	34	31	35	53
20 largest companies.....	(X)	23	74	64	67	63	64	65	71	52	50	52	75
50 largest companies.....	(X)	40	92	84	85	83	84	85	87	90	90	90	94
INDUSTRY 2283.--WOOL YARN MILLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	91	98	\$221.4	8.3	\$49.7	7.5	15.3	\$41.5	\$92.7	\$4.2	\$0.5	\$3.6	\$134.9
Percent of above totals accounted for by													
4 largest companies.....	(X)	6	45	34	37	34	35	38	42	48	35	50	49
8 largest companies.....	(X)	13	59	48	50	47	50	51	55	61	(D)	(D)	63
20 largest companies.....	(X)	28	83	70	72	70	72	72	80	77	(D)	(D)	85
50 largest companies.....	(X)	58	97	95	95	95	95	95	97	91	79	93	98
INDUSTRY 2284.--THREAD MILLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	61	73	\$345.4	11.7	\$69.2	10.1	19.9	\$52.8	\$141.8	\$7.5	\$1.6	\$5.8	\$205.2
Percent of above totals accounted for by													
4 largest companies.....	(X)	18	62	61	60	62	62	63	58	41	11	50	65
8 largest companies.....	(X)	23	77	75	74	76	76	78	73	61	(D)	(D)	80
20 largest companies.....	(X)	41	92	91	91	91	92	92	91	91	(D)	(D)	93
50 largest companies.....	(X)	85	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com-panies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2291.--FELT GOODS, EXCEPT WOVEN FELTS AND HATS													
Total (Columns c, e, g, h to m in millions, d and f in thousands)...	38	47	\$146.5	5.0	\$38.3	4.0	8.5	\$28.0	\$80.5	\$2.8	\$0.5	\$2.3	\$65.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	21	51	50	54	49	49	51	55	41	(D)	(D)	46
8 largest companies.....	(X)	30	75	72	72	71	73	71	75	(D)	(D)	(D)	75
20 largest companies.....	(X)	60	96	95	96	95	96	96	96	88	92	87	96
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2292.--LACE GOODS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	99	105	\$47.1	2.9	\$17.3	2.5	4.7	\$13.5	\$29.4	\$1.7	\$0.2	\$1.5	\$18.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	33	28	27	26	24	24	29	3	(D)	(D)	43
8 largest companies.....	(X)	12	51	51	49	49	50	48	45	(D)	5	(D)	62
20 largest companies.....	(X)	25	75	77	77	77	77	77	73	89	84	89	79
50 largest companies.....	(X)	53	94	93	94	93	94	94	94	98	97	98	95
INDUSTRY 2293.--PADDINGS AND UPHOLSTERY FILLING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	119	132	\$134.6	4.4	\$34.2	3.6	7.2	\$23.1	\$64.5	\$2.9	\$0.6	\$2.3	\$70.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	28	27	30	27	25	27	33	20	(D)	(D)	25
8 largest companies.....	(X)	11	40	40	44	40	39	43	45	(D)	(D)	(D)	37
20 largest companies.....	(X)	24	62	59	63	60	61	64	65	57	57	57	59
50 largest companies.....	(X)	48	87	86	87	86	87	88	86	89	91	88	88
INDUSTRY 2294.--PROCESSED TEXTILE WASTE													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	102	106	\$133.8	3.6	\$22.2	3.1	6.7	\$16.9	\$50.9	\$3.2	\$0.7	\$2.5	\$83.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	54	36	35	38	39	40	41	(D)	(D)	(D)	63
8 largest companies.....	(X)	10	68	51	52	52	53	55	56	55	(D)	(D)	76
20 largest companies.....	(X)	23	86	70	71	70	71	72	77	87	86	87	92
50 largest companies.....	(X)	51	97	92	92	92	92	93	95	96	95	96	98
INDUSTRY 2295.--COATED FABRICS, NOT RUBBERIZED													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	185	203	\$865.3	18.0	\$167.8	13.1	28.2	\$109.3	\$382.4	\$29.6	\$6.7	\$22.9	\$491.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	35	31	36	31	32	37	36	32	12	37	33
8 largest companies.....	(X)	8	52	46	52	46	47	54	53	41	23	46	51
20 largest companies.....	(X)	18	73	68	71	68	69	74	73	77	72	79	73
50 largest companies.....	(X)	33	88	83	85	82	84	86	88	90	88	91	88
INDUSTRY 2296.--TIRE CORD AND FABRIC													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	18	18	\$685.1	10.0	\$70.0	9.1	19.4	\$60.6	\$145.8	\$8.8	\$2.0	\$6.8	\$540.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	67	84	84	85	85	86	86	85	69	79	66	84
8 largest companies.....	(X)	94	98	96	97	96	96	97	98	97	(D)	(D)	98
20 largest companies.....	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2297.--NONWOVEN FABRICS													
Total (columns c, e, g, h to m in millions, d and f in thousands).	68	84	\$397.4	10.8	\$80.6	8.8	18.7	\$57.7	\$191.8	\$15.0	\$2.8	\$12.2	\$210.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	13	43	36	43	35	37	43	44	43	(D)	(D)	42
8 largest companies.....	(X)	20	62	51	60	50	52	58	68	60	(D)	(D)	56
20 largest companies.....	(X)	42	84	78	83	79	80	83	86	82	79	83	83
50 largest companies.....	(X)	79	99	95	97	97	97	98	99	99	99	99	99
INDUSTRY 2298.--CORDAGE AND TWINE													
Total (columns c, e, g, h to m in millions, d and f in thousands).	134	156	\$191.0	9.0	\$55.4	7.6	15.2	\$40.9	\$96.3	\$4.9	\$1.0	\$3.9	\$92.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	36	37	37	37	38	39	40	27	(D)	(D)	34
8 largest companies.....	(X)	17	56	56	58	55	56	61	60	40	10	47	55
20 largest companies.....	(X)	26	76	76	77	76	76	79	76	68	48	74	76
50 largest companies.....	(X)	46	91	91	92	91	92	93	91	93	93	93	91
INDUSTRY 2299.--TEXTILE GOODS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands).	338	345	\$211.8	8.3	\$53.9	6.8	14.3	\$37.8	\$107.7	\$13.4	\$3.4	\$10.0	\$105.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	25	24	25	24	24	27	24	6	(D)	(D)	26
8 largest companies.....	(X)	3	36	37	38	39	38	41	36	14	(D)	(D)	36
20 largest companies.....	(X)	7	54	50	52	50	53	53	53	43	38	45	56
50 largest companies.....	(X)	16	72	69	69	70	70	71	73	63	56	66	72
INDUSTRY 2311.--MEN'S AND BOYS' SUITS AND COATS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	721	856	\$2,396.9	124.8	\$770.3	108.3	193.7	\$603.1	\$1,342.2	\$22.5	\$7.4	\$15.1	\$1,064.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	19	16	18	15	15	17	19	12	(D)	(D)	18
8 largest companies.....	(X)	7	31	28	20	27	27	29	32	20	25	18	31
20 largest companies.....	(X)	12	48	41	44	40	40	43	46	30	38	26	49
50 largest companies.....	(X)	18	65	54	58	53	54	57	63	45	48	44	68
INDUSTRY 2321.--MEN'S AND BOYS' SHIRTS AND NIGHTWEAR													
Total (columns c, e, g, h to m in millions, d and f in thousands).	518	730	\$2,104.3	113.4	\$514.9	102.0	186.7	\$413.0	\$1,003.8	\$24.1	\$5.0	\$19.1	\$1,118.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	22	16	17	17	16	18	20	23	(D)	(D)	23
8 largest companies.....	(X)	12	31	22	24	22	22	24	28	26	14	30	33
20 largest companies.....	(X)	19	50	39	41	39	39	42	46	42	24	47	53
50 largest companies.....	(X)	31	69	59	61	59	59	61	66	66	53	70	73
INDUSTRY 2322.--MEN'S AND BOYS' UNDERWEAR													
Total (columns c, e, g, h to m in millions, d and f in thousands).	67	94	\$239.3	16.0	\$68.6	15.1	27.7	\$60.2	\$130.9	\$5.7	\$0.6	\$5.1	\$112.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	14	49	39	42	39	40	43	51	(D)	(D)	(D)	47
8 largest companies.....	(X)	31	71	61	61	61	61	62	73	(D)	(D)	(D)	72
20 largest companies.....	(X)	49	91	85	85	84	84	85	91	(D)	(D)	(D)	92
50 largest companies.....	(X)	82	99+	99	99+	99	99+	99+	99+	99+	99+	99+	99+

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2323.--MEN'S AND BOYS' NECKWEAR													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	291	299	\$294.9	11.1	\$70.0	8.8	15.5	\$38.9	\$143.4	\$4.0	\$2.1	\$1.9	\$154.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	26	23	27	20	20	21	27	(D)	(D)	(D)	25
8 largest companies.....	(X)	4	36	28	33	25	24	27	36	52	(D)	(D)	38
20 largest companies.....	(X)	8	53	36	45	32	33	37	50	66	(D)	(D)	56
50 largest companies.....	(X)	19	74	59	67	55	57	59	72	81	88	73	77
INDUSTRY 2327.--MEN'S AND BOYS' SEPARATE TROUSERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	463	624	\$1,745.0	91.3	\$439.3	81.8	150.0	\$346.8	\$784.9	\$22.2	\$6.1	\$16.1	\$966.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	29	20	20	20	21	21	25	19	15	20	31
8 largest companies.....	(X)	12	41	30	31	31	32	31	36	30	35	28	44
20 largest companies.....	(X)	21	60	49	50	49	49	49	53	52	54	51	65
50 largest companies.....	(X)	29	76	62	64	61	62	62	69	62	63	62	81
INDUSTRY 2328.--MEN'S AND BOYS' WORK CLOTHING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	297	503	\$1,738.0	89.6	\$389.0	80.6	149.0	\$322.6	\$784.8	\$24.1	\$7.4	\$16.7	\$963.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	16	38	31	33	33	33	35	40	38	53	32	36
8 largest companies.....	(X)	23	53	41	43	42	43	45	51	51	60	47	55
20 largest companies.....	(X)	31	70	56	57	56	57	58	66	59	63	57	73
50 largest companies.....	(X)	44	84	72	73	72	72	73	80	78	78	78	87
INDUSTRY 2329.--MEN'S AND BOYS' CLOTHING, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	481	537	\$783.2	41.9	\$210.4	37.1	66.9	\$161.1	\$393.8	\$10.1	\$3.4	\$6.8	\$404.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	20	6	8	5	5	6	12	4	2	5	27
8 largest companies.....	(X)	3	27	9	12	7	8	8	18	13	(D)	(D)	36
20 largest companies.....	(X)	7	41	21	23	20	21	20	31	21	(D)	(D)	52
50 largest companies.....	(X)	17	63	41	44	39	41	39	51	38	34	40	75
INDUSTRY 2331.--WOMEN'S AND MISSES' BLOUSES AND WAISTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	886	971	\$1,254.9	63.0	\$328.1	54.8	98.6	\$234.6	\$592.4	\$30.0	\$15.3	\$14.7	\$668.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	18	9	14	7	7	8	12	8	7	9	23
8 largest companies.....	(X)	4	26	13	17	10	10	12	18	(D)	(D)	11	33
20 largest companies.....	(X)	8	38	23	28	20	21	22	31	(D)	(D)	31	45
50 largest companies.....	(X)	11	55	29	36	25	27	27	43	65	91	38	67
INDUSTRY 2335.--WOMEN'S AND MISSES' DRESSES ⁵													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	5,294	5,565	\$3,580.0	211.6	\$1,076.9	186.5	316.1	\$825.5	\$1,888.7	\$32.6	\$8.8	\$23.8	\$1,698.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	9	6	7	6	6	6	8	12	(D)	(D)	10
8 largest companies.....	(X)	2	13	8	8	7	7	8	11	14	5	17	15
20 largest companies.....	(X)	2+	18	10	12	10	10	11	15	28	(D)	(D)	22
50 largest companies.....	(X)	4	28	16	18	15	16	16	22	34	43	31	33

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2337.--WOMEN'S AND MISSES' SUITS AND COATS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,547	1,617	\$1,805.3	75.9	\$446.7	64.9	116.8	\$323.6	\$839.8	\$16.4	\$4.6	\$11.8	\$979.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	13	6	7	5	5	5	11	(D)	(D)	8	14
8 largest companies.....	(X)	2	18	7	9	6	6	7	14	9	(D)	(D)	21
20 largest companies.....	(X)	3	26	14	15	11	12	12	21	20	17	21	32
50 largest companies.....	(X)	6	40	20	24	17	18	20	33	34	37	32	47
INDUSTRY 2339.--WOMEN'S AND MISSES' OUTERWEAR, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,247	1,373	\$1,638.0	82.1	\$417.9	71.5	128.0	\$310.4	\$781.0	\$19.3	\$5.2	\$14.1	\$882.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	18	13	14	12	13	13	16	26	(D)	(D)	21
8 largest companies.....	(X)	4	25	16	18	15	15	16	21	27	(D)	(D)	29
20 largest companies.....	(X)	7	37	23	25	21	21	22	31	41	50	37	44
50 largest companies.....	(X)	11	52	30	34	29	29	30	43	48	54	46	61
INDUSTRY 2341.--WOMEN'S AND CHILDREN'S UNDERWEAR													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	608	730	\$1,331.9	77.5	\$372.0	68.7	125.0	\$284.1	\$709.0	\$19.3	\$4.5	\$14.8	\$640.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	15	17	16	17	17	17	18	(D)	(D)	(D)	13
8 largest companies.....	(X)	7	23	22	21	22	22	22	26	39	16	46	20
20 largest companies.....	(X)	12	41	36	37	36	36	38	43	52	39	56	39
50 largest companies.....	(X)	20	63	55	57	55	56	56	62	69	54	73	64
INDUSTRY 2342.--BRASSIERES AND ALLIED GARMENTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	220	272	\$647.0	28.0	\$152.8	23.2	41.9	\$104.4	\$340.0	\$4.6	\$1.1	\$3.6	\$306.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	31	23	25	21	21	24	33	28	(D)	(D)	29
8 largest companies.....	(X)	12	45	37	40	35	38	37	49	42	18	49	42
20 largest companies.....	(X)	22	67	56	57	53	55	53	66	68	61	70	62
50 largest companies.....	(X)	37	86	76	79	75	76	76	85	90	96	88	88
INDUSTRY 2351.--MILLINERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	215	216	\$58.1	3.2	\$17.0	2.7	4.4	\$12.9	\$33.2	\$0.3	\$0.1	\$0.2	\$25.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	17	15	14	15	15	15	17	34	(D)	(D)	17
8 largest companies.....	(X)	4	26	22	22	21	20	21	25	(D)	20	(D)	26
20 largest companies.....	(X)	10	44	34	36	33	33	34	42	44	37	47	47
50 largest companies.....	(X)	24	68	60	62	59	61	60	65	88	74	95	71
INDUSTRY 2352.--HATS AND CAPS, EXCEPT MILLINERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	253	280	\$171.0	11.3	\$55.6	10.0	18.4	\$42.8	\$100.2	\$1.9	\$1.5	\$1.5	\$74.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	26	21	21	21	21	22	27	10	12	10	26
8 largest companies.....	(X)	10	39	31	33	31	32	33	39	15	12	16	41
20 largest companies.....	(X)	16	57	53	52	52	54	52	58	52	59	50	58
50 largest companies.....	(X)	27	77	74	74	73	74	74	77	69	74	68	78

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2361.--CHILDREN'S DRESSES AND BLOUSES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	440	490	\$655.2	35.4	\$174.4	31.0	52.9	\$129.8	\$335.8	\$12.9	\$2.4	\$10.5	\$321.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	17	14	16	14	13	15	18	9	(D)	(D)	16
8 largest companies.....	(X)	7	26	19	21	19	18	20	26	12	(D)	(D)	26
20 largest companies.....	(X)	11	42	30	33	29	29	31	40	21	30	19	45
50 largest companies.....	(X)	19	63	42	46	41	40	43	56	32	65	25	71
INDUSTRY 2363.--CHILDREN'S COATS AND SUITS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	155	165	\$188.5	9.2	\$48.5	8.1	14.5	\$36.3	\$90.4	\$0.8	\$0.1	\$0.7	\$99.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	18	13	13	12	14	12	17	25	(D)	(D)	20
8 largest companies.....	(X)	8	31	23	24	21	23	21	28	(D)	29	(D)	34
20 largest companies.....	(X)	18	55	40	43	38	41	40	51	54	49	55	58
50 largest companies.....	(X)	36	83	64	68	62	65	65	77	79	70	81	89
INDUSTRY 2369.--CHILDREN'S OUTERWEAR, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	372	406	\$578.2	30.1	\$144.6	26.8	49.4	\$112.0	\$282.9	\$6.1	\$2.1	\$4.0	\$296.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	22	21	20	21	21	21	23	38	(D)	(D)	21
8 largest companies.....	(X)	6	32	27	27	26	26	27	30	44	(D)	(D)	34
20 largest companies.....	(X)	10	48	37	37	36	36	36	41	58	(D)	(D)	54
50 largest companies.....	(X)	19	69	52	53	51	51	51	60	75	82	71	77
INDUSTRY 2371.--FUR GOODS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	797	797	\$220.0	4.7	\$41.2	4.0	6.7	\$31.1	\$86.2	\$1.1	\$0.2	\$0.9	\$135.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	7	6	6	6	6	7	6	(D)	(D)	(D)	7
8 largest companies.....	(X)	1+	12	8	10	8	8	10	10	(D)	(D)	(D)	13
20 largest companies.....	(X)	3	23	16	18	16	17	19	22	(D)	(D)	(D)	23
50 largest companies.....	(X)	6	39	33	34	32	34	34	38	52	49	53	41
INDUSTRY 2381.--FABRIC DRESS AND WORK GLOVES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	106	137	\$198.8	11.9	\$56.3	10.9	20.2	\$47.4	\$100.3	\$1.9	\$0.6	\$1.3	\$99.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	41	31	33	30	31	30	44	32	(D)	(D)	38
8 largest companies.....	(X)	21	59	53	59	53	55	60	63	41	(D)	(D)	55
20 largest companies.....	(X)	33	80	72	77	72	73	77	81	63	(D)	(D)	79
50 largest companies.....	(X)	58	95	91	93	91	91	93	94	83	84	82	95
INDUSTRY 2384.--ROBES AND DRESSING GOWNS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	172	179	\$202.8	10.0	\$50.0	8.5	15.3	\$36.2	\$92.5	\$2.0	\$0.8	\$1.3	\$111.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	24	13	15	11	11	14	17	(D)	(Z)	(D)	30
8 largest companies.....	(X)	7	39	20	24	17	17	21	28	(D)	(Z)	(D)	47
20 largest companies.....	(X)	14	59	35	39	31	29	35	47	37	28	43	69
50 largest companies.....	(X)	32	83	66	68	64	64	65	75	66	42	81	91

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2385.--WATERPROOF OUTERGARMENTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	236	258	\$332.1	15.4	\$86.4	13.2	23.5	\$62.6	\$168.8	\$2.4	\$0.6	\$1.8	\$164.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	31	25	26	24	24	25	26	8	(D)	(D)	34
8 largest companies.....	(X)	9	40	33	35	32	32	33	36	18	8	21	43
20 largest companies.....	(X)	14	56	42	46	40	42	44	50	34	13	41	61
50 largest companies.....	(X)	28	79	60	65	57	59	60	72	64	29	75	85
INDUSTRY 2386.--LEATHER AND SHEEP LINED CLOTHING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	185	187	\$172.1	7.0	\$40.8	6.3	11.6	\$30.7	\$82.1	\$2.5	\$0.8	\$1.7	\$93.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	19	11	15	10	10	13	18	(D)	(D)	7	21
8 largest companies.....	(X)	4	32	21	25	20	20	23	30	36	(D)	(D)	34
20 largest companies.....	(X)	11	57	43	46	42	41	42	53	69	(D)	(D)	62
50 largest companies.....	(X)	28	82	69	72	68	67	69	80	85	92	82	84
INDUSTRY 2387.--APPAREL BELTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	292	297	\$257.5	10.3	\$65.9	8.7	16.2	\$41.0	\$132.5	\$3.2	\$0.9	\$2.3	\$128.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	21	12	15	12	12	12	21	30	52	22	23
8 largest companies.....	(X)	3	32	20	25	19	20	20	31	34	(D)	(D)	33
20 largest companies.....	(X)	8	51	37	43	35	36	37	49	56	54	56	54
50 largest companies.....	(X)	19	72	56	63	55	56	58	69	71	66	72	77
INDUSTRY 2389.--APPAREL AND ACCESSORIES, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	238	244	\$116.8	7.3	\$35.3	6.2	10.9	\$24.5	\$59.7	\$2.8	\$0.5	\$2.3	\$58.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	24	14	14	15	15	13	19	4	(D)	(D)	33
8 largest companies.....	(X)	4	37	23	24	23	24	23	32	7	15	5	46
20 largest companies.....	(X)	10	57	39	44	39	41	41	49	72	45	77	65
50 largest companies.....	(X)	23	77	65	70	64	66	67	72	86	71	89	82
INDUSTRY 2391.--CURTAINS AND DRAPERIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,539	1,592	\$754.9	33.9	\$167.1	29.5	54.9	\$124.7	\$302.3	\$9.5	\$2.6	\$6.9	\$461.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	35	19	18	19	19	19	28	19	(D)	(D)	42
8 largest companies.....	(X)	2+	43	24	24	25	25	25	35	25	(D)	(D)	49
20 largest companies.....	(X)	4	52	36	35	36	37	36	45	33	(D)	(D)	58
50 largest companies.....	(X)	6	64	48	48	48	50	49	57	42	38	43	69
INDUSTRY 2392.--HOUSEFURNISHINGS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,059	1,112	\$1,526.9	50.3	\$281.9	42.2	82.5	\$194.0	\$585.2	\$29.9	\$8.0	\$21.9	\$961.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	23	14	16	14	15	17	16	14	(D)	(D)	26
8 largest companies.....	(X)	2	30	21	22	20	21	23	22	(D)	28	(D)	34
20 largest companies.....	(X)	4	43	32	34	32	33	34	35	42	29	46	48
50 largest companies.....	(X)	7	60	47	50	46	48	50	54	60	47	65	63

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2393.--TEXTILE BAGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	188	208	\$255.1	7.9	\$44.0	6.7	12.7	\$31.4	\$74.5	\$5.5	\$0.8	\$4.7	\$182.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	27	29	32	29	30	32	27	(D)	(D)	(D)	27
8 largest companies.....	(X)	11	43	40	43	39	41	43	40	(D)	(D)	(D)	43
20 largest companies.....	(X)	18	61	55	58	55	56	59	57	73	53	76	63
50 largest companies.....	(X)	33	84	78	80	78	78	80	79	90	86	91	85
INDUSTRY 2394.--CANVAS AND RELATED PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	845	860	\$276.4	12.9	\$75.9	10.3	19.3	\$49.2	\$130.3	\$4.0	\$1.1	\$2.9	\$151.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	23	16	17	15	18	16	19	24	28	22	27
8 largest companies.....	(X)	2	29	21	22	20	23	21	26	(D)	(D)	(D)	32
20 largest companies.....	(X)	3	40	31	33	30	33	32	36	39	51	35	45
50 largest companies.....	(X)	7	55	46	48	46	48	48	51	57	59	56	59
INDUSTRY 2395.--PLEATING AND STITCHING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	895	898	\$308.2	16.7	\$89.2	14.7	26.3	\$65.3	\$174.7	\$3.2	\$0.5	\$2.6	\$142.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	22	12	16	10	10	11	17	(D)	(D)	(D)	30
8 largest companies.....	(X)	1	31	16	21	14	14	17	25	12	(Z)	15	39
20 largest companies.....	(X)	2	45	27	33	24	25	28	40	28	9	31	54
50 largest companies.....	(X)	5	61	38	45	35	35	40	54	49	43	50	71
INDUSTRY 2396.--AUTOMOTIVE AND APPAREL TRIMMINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	644	668	\$1,133.0	27.6	\$266.6	23.2	45.3	\$201.8	\$530.8	\$10.4	\$2.1	\$8.3	\$614.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	67	50	66	50	53	68	66	(D)	(D)	(D)	68
8 largest companies.....	(X)	3	74	56	70	56	59	72	72	58	(D)	(D)	75
20 largest companies.....	(X)	6	80	63	75	62	66	77	78	66	67	66	81
50 largest companies.....	(X)	11	85	72	81	71	75	82	84	77	78	77	87
INDUSTRY 2397.--SCHIFFLI MACHINE EMBROIDERIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	446	451	\$120.5	5.5	\$38.9	4.9	10.1	\$29.4	\$75.0	\$2.2	\$0.4	\$1.8	\$46.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	19	22	20	21	20	19	20	(D)	(Z)	(D)	17
8 largest companies.....	(X)	3	28	28	27	27	26	26	27	(D)	(Z)	(D)	30
20 largest companies.....	(X)	6	42	37	38	35	34	34	38	(D)	(D)	15	49
50 largest companies.....	(X)	12	58	52	55	50	50	50	54	28	12	32	64
INDUSTRY 2399.--FABRICATED TEXTILE PRODUCTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	797	822	\$724.7	31.4	\$175.3	27.1	50.1	\$129.8	\$315.5	\$25.9	\$5.2	\$20.7	\$408.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	23	17	20	17	19	22	21	33	30	34	23
8 largest companies.....	(X)	2	34	23	27	24	27	30	30	36	(D)	(D)	36
20 largest companies.....	(X)	4	51	36	41	36	39	42	45	46	36	49	55
50 largest companies.....	(X)	9	69	53	58	53	56	59	64	66	50	70	72

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2411.--LOGGING CAMPS AND LOGGING CONTRACTORS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	13,152	13,238	\$2,529.5	80.0	\$523.9	74.5	129.6	\$456.1	\$1,163.4	\$157.0	\$26.8	\$130.2	\$1,368.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	18	8	12	7	8	11	14	15	22	14	22
8 largest companies.....	(X)	(Z)	25	11	17	10	11	15	20	19	(D)	(D)	30
20 largest companies.....	(X)	1	34	14	22	13	15	21	25	23	30	21	43
50 largest companies.....	(X)	1	41	18	27	16	19	26	30	28	34	27	49
INDUSTRY 2421.--SAWMILLS AND PLANING MILLS, GENERAL													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	7,664	8,071	\$6,470.8	166.6	\$1,272.2	149.5	301.9	\$1,068.0	\$2,906.0	\$306.8	\$63.0	\$243.9	\$3,568.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	18	14	18	14	15	19	19	20	16	21	17
8 largest companies.....	(X)	2	23	18	23	18	20	24	24	24	17	26	21
20 largest companies.....	(X)	3	33	26	32	26	28	33	34	38	31	40	32
50 largest companies.....	(X)	4	45	35	43	35	37	44	47	47	37	49	44
INDUSTRY 2426.--HARDWOOD DIMENSION AND FLOORING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	882	933	\$579.0	31.5	\$173.9	28.2	55.9	\$141.7	\$272.1	\$16.8	\$4.7	\$12.1	\$304.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	12	10	11	10	11	12	12	8	4	9	11
8 largest companies.....	(X)	3	17	16	16	16	16	17	18	13	(D)	(D)	17
20 largest companies.....	(X)	5	28	26	27	26	27	28	28	(D)	(D)	20	28
50 largest companies.....	(X)	9	44	41	43	41	43	44	43	39	42	38	45
INDUSTRY 2429.--SPECIAL PRODUCT SAWMILLS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	397	447	\$180.8	6.4	\$40.0	5.8	9.7	\$33.7	\$80.4	\$5.7	\$1.2	\$4.5	\$98.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	26	11	16	11	12	17	19	21	15	23	30
8 largest companies.....	(X)	6	37	23	30	21	25	30	31	(D)	(D)	26	40
20 largest companies.....	(X)	12	51	38	46	37	41	47	45	42	33	44	54
50 largest companies.....	(X)	19	69	53	64	51	55	64	65	61	58	62	71
INDUSTRY 2431.--MILLWORK													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	2,340	2,434	\$2,426.8	70.5	\$524.5	58.4	110.8	\$383.6	\$962.7	\$57.2	\$21.2	\$35.9	\$1,485.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	10	7	8	7	7	8	9	12	13	11	11
8 largest companies.....	(X)	1	15	10	11	11	11	12	13	17	(D)	(D)	16
20 largest companies.....	(X)	3	25	20	21	20	21	22	23	32	36	30	27
50 largest companies.....	(X)	5	40	35	37	36	38	39	38	46	49	44	43
INDUSTRY 2434.--WOOD KITCHEN CABINETS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,769	1,769	\$897.2	38.8	\$286.6	32.2	62.0	\$208.1	\$486.7	\$28.3	\$10.8	\$17.5	\$420.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	12	6	7	7	7	8	11	15	17	14	13
8 largest companies.....	(X)	2	19	13	14	13	14	14	18	21	18	23	20
20 largest companies.....	(X)	2	32	27	28	26	27	27	32	40	42	38	33
50 largest companies.....	(X)	4	48	42	44	42	43	43	48	57	63	54	48

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2435.--HARDWOOD VENEER AND PLYWOOD													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	326	366	\$911.8	25.1	\$165.2	22.1	46.1	\$129.1	\$340.8	\$32.1	\$6.6	\$25.6	\$582.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	34	18	23	17	17	22	26	27	(D)	(D)	39
8 largest companies.....	(X)	8	43	24	29	23	23	29	35	32	25	34	49
20 largest companies.....	(X)	12	61	35	43	33	34	42	52	68	67	69	67
50 largest companies.....	(X)	22	77	55	62	54	55	62	70	79	77	80	82
INDUSTRY 2436.--SOFTWOOD VENEER AND PLYWOOD													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	121	232	\$2,011.5	43.7	\$403.6	39.9	85.3	\$356.5	\$935.4	\$65.4	\$9.0	\$56.5	\$1,071.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	27	37	34	35	34	36	35	40	36	(D)	(D)	33
8 largest companies.....	(X)	39	50	49	49	49	50	53	48	48	11	54	47
20 largest companies.....	(X)	51	67	65	67	65	65	67	71	63	18	70	64
50 largest companies.....	(X)	68	87	84	86	84	85	86	88	77	31	85	85
INDUSTRY 2439.--STRUCTURAL WOOD MEMBERS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	642	678	\$456.0	12.6	\$94.4	9.8	18.6	\$62.6	\$182.8	\$11.8	\$3.8	\$8.0	\$276.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	13	11	11	12	13	12	13	10	6	12	14
8 largest companies.....	(X)	4	19	16	17	17	19	19	19	13	(D)	(D)	19
20 largest companies.....	(X)	7	31	25	28	26	28	30	32	22	20	23	31
50 largest companies.....	(X)	12	48	41	45	42	44	46	48	36	31	39	49
INDUSTRY 2441.--NAILED WOOD BOXES AND SHOOK													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	424	436	\$237.9	10.7	\$61.1	9.5	18.4	\$49.0	\$103.8	\$6.4	\$1.7	\$4.8	\$136.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	27	16	17	16	17	18	21	33	34	32	31
8 largest companies.....	(X)	4	34	23	26	24	25	27	30	41	(D)	(D)	38
20 largest companies.....	(X)	7	48	38	39	39	42	42	43	47	41	49	51
50 largest companies.....	(X)	14	66	60	61	61	64	63	65	73	72	74	68
INDUSTRY 2448.--WOOD PALLETS AND SKIDS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	444	456	\$295.4	14.3	\$77.7	12.5	23.1	\$60.3	\$140.9	\$11.2	\$2.5	\$8.7	\$155.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	7	4	6	4	5	5	10	2	1	2	5
8 largest companies.....	(X)	3	11	7	9	7	8	9	14	(D)	(D)	4	9
20 largest companies.....	(X)	5	20	13	16	13	14	15	21	16	21	14	19
50 largest companies.....	(X)	13	37	27	32	27	29	31	38	36	41	35	37
INDUSTRY 2449.--WOOD CONTAINERS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	236	268	\$240.2	11.9	\$65.0	10.5	21.0	\$51.9	\$114.1	\$3.6	\$0.8	\$2.8	\$126.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	22	16	19	15	15	19	23	13	9	14	22
8 largest companies.....	(X)	9	35	31	33	29	31	34	36	22	24	21	36
20 largest companies.....	(X)	14	60	52	53	51	52	53	58	38	43	37	61
50 largest companies.....	(X)	30	86	80	82	79	81	82	84	78	76	78	88

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com-panies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2451.--MOBILE HOMES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	352	683	\$3,242.9	71.9	\$547.3	60.5	115.1	\$407.7	\$1,033.9	\$63.4	\$34.8	\$28.6	\$2,220.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	16	26	19	21	20	21	23	24	32	39	23	27
8 largest companies.....	(X)	25	37	32	34	33	35	35	36	36	(D)	(D)	38
20 largest companies.....	(X)	37	56	51	54	53	53	55	56	56	59	52	56
50 largest companies.....	(X)	54	77	73	75	73	74	76	76	76	79	71	77
INDUSTRY 2452.--PREFABRICATED WOOD BUILDINGS													
Total (columns c, e, g, h to m in million, d and f in thousands)..	263	310	\$1,046.1	25.2	\$198.1	18.9	34.8	\$124.1	\$457.1	\$29.6	\$14.3	\$15.3	\$609.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	33	24	27	25	27	28	33	36	42	31	31
8 largest companies.....	(X)	13	40	31	34	32	36	35	41	39	42	36	39
20 largest companies.....	(X)	18	52	44	48	43	47	48	56	51	50	51	50
50 largest companies.....	(X)	30	70	63	66	61	65	65	72	68	70	66	70
INDUSTRY 2491.--WOOD PRESERVING													
Total (columns c, e, g, h to m in million, d and f in thousands)..	309	399	\$475.8	11.3	\$74.5	9.2	18.8	\$54.4	\$175.8	\$14.8	\$2.2	\$12.6	\$303.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	13	36	32	33	31	32	34	37	36	16	39	35
8 largest companies.....	(X)	16	44	40	41	39	40	43	47	50	(D)	(D)	43
20 largest companies.....	(X)	24	61	56	57	55	57	60	62	58	42	61	60
50 largest companies.....	(X)	34	80	74	78	74	75	78	79	82	79	83	80
INDUSTRY 2492.--PARTICLEBOARD													
Total (columns c, e, g, h to m in million, d and f in thousands)..	39	68	\$295.4	7.7	\$65.5	6.4	13.8	\$51.8	\$144.5	\$34.6	\$2.7	\$31.9	\$152.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	31	48	40	44	39	40	44	49	22	(D)	(D)	48
8 largest companies.....	(X)	53	69	67	70	67	68	72	68	33	51	31	70
20 largest companies.....	(X)	72	92	88	89	88	88	90	91	91	58	94	93
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2499.--WOOD PRODUCTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	3,009	3,133	\$1,518.9	63.0	\$410.0	53.0	102.6	\$294.3	\$809.1	\$86.3	\$21.4	\$65.0	\$714.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	18	12	16	11	11	14	18	43	(D)	(D)	18
8 largest companies.....	(X)	1	24	15	20	14	15	19	23	46	47	46	24
20 largest companies.....	(X)	2	33	23	29	22	23	27	33	56	51	57	33
50 largest companies.....	(X)	4	46	37	42	35	37	41	44	62	61	63	47
INDUSTRY 2511.--WOOD HOUSEHOLD FURNITURE													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	2,160	2,348	\$2,870.0	133.8	\$806.8	118.8	240.9	\$642.3	\$1,556.9	\$93.8	\$35.4	\$58.4	\$1,355.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	14	12	12	12	13	14	13	12	16	11	15
8 largest companies.....	(X)	3	22	20	21	21	22	22	21	19	22	18	24
20 largest companies.....	(X)	5	40	37	38	38	40	40	39	39	38	39	41
50 largest companies.....	(X)	8	58	54	55	54	57	56	57	58	59	58	59

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2512.--UPHOLSTERED HOUSEHOLD FURNITURE													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,201	1,308	\$2,104.7	92.0	\$605.3	78.3	150.2	\$454.7	\$1,104.0	\$54.7	\$26.5	\$28.2	\$1,017.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	14	12	12	12	12	12	15	17	24	10	14
8 largest companies.....	(X)	5	23	21	21	20	21	21	24	25	31	18	22
20 largest companies.....	(X)	7	36	32	34	32	33	33	37	49	54	44	35
50 largest companies.....	(X)	10	51	46	48	46	48	48	51	59	60	57	51
INDUSTRY 2514.--METAL HOUSEHOLD FURNITURE													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	426	467	\$890.4	34.4	\$222.5	28.6	53.7	\$157.6	\$447.2	\$16.9	\$4.0	\$12.9	\$452.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	13	14	12	14	13	12	12	15	(D)	(D)	15
8 largest companies.....	(X)	5	24	24	23	22	21	21	23	29	34	27	24
20 largest companies.....	(X)	9	43	44	42	43	42	41	43	49	51	48	44
50 largest companies.....	(X)	18	69	69	68	68	67	68	69	65	63	65	70
INDUSTRY 2515.--MATTRESSES AND BEDSPRINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	888	977	\$1,041.7	31.4	\$233.7	24.2	47.1	\$149.7	\$479.9	\$20.7	\$7.5	\$13.3	\$565.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	24	23	27	22	23	29	27	(D)	(D)	(D)	22
8 largest companies.....	(X)	5	31	30	33	29	29	35	33	42	52	37	29
20 largest companies.....	(X)	9	43	41	45	40	40	46	45	50	55	46	42
50 largest companies.....	(X)	14	57	53	57	52	53	58	59	63	64	63	55
INDUSTRY 2517.--WOOD TV AND RADIO CABINETS													
Totals (columns c, e, g, h to m in millions, d and f in thousands)...	95	103	\$330.2	18.9	\$111.2	16.6	32.4	\$87.5	\$176.9	\$9.5	\$2.6	\$6.9	\$160.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	42	46	43	45	44	43	44	66	(D)	(D)	39
8 largest companies.....	(X)	12	64	63	65	63	62	66	65	75	74	75	62
20 largest companies.....	(X)	26	86	84	85	85	85	85	86	89	85	90	86
50 largest companies.....	(X)	56	98	97	97	97	97	97	97	94	90	95	98
INDUSTRY 2519.--HOUSEHOLD FURNITURE, N.E.C.													
Totals (columns c, e, g, h to m in millions, d and f in thousands)...	157	166	\$172.6	6.9	\$44.2	5.9	11.0	\$33.0	\$95.6	\$7.0	\$1.3	\$5.8	\$80.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	19	18	19	18	19	20	20	16	(D)	(D)	18
8 largest companies.....	(X)	6	34	30	33	31	32	34	32	28	10	33	35
20 largest companies.....	(X)	14	64	56	60	56	56	60	62	71	31	79	68
50 largest companies.....	(X)	34	87	82	83	82	81	82	86	92	92	92	88
INDUSTRY 2521.--WOOD OFFICE FURNITURE													
Totals (columns c, e, g, h to m in millions, d and f in thousands)...	232	240	\$249.7	11.5	\$80.1	9.6	19.4	\$60.1	\$146.7	\$7.3	\$4.7	\$2.6	\$106.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	25	22	23	21	22	23	24	(D)	(D)	30	26
8 largest companies.....	(X)	5	38	35	35	34	34	35	37	51	(D)	(D)	38
20 largest companies.....	(X)	11	60	59	57	59	59	58	60	63	69	52	61
50 largest companies.....	(X)	24	80	78	77	78	79	77	80	80	86	71	80

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2522.--METAL OFFICE FURNITURE													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	166	193	\$861.5	27.8	\$249.9	20.8	42.9	\$168.0	\$513.2	\$24.5	\$11.2	\$13.3	\$353.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	42	33	41	32	33	40	41	55	(D)	(D)	43
8 largest companies.....	(X)	12	54	48	55	45	46	53	53	61	(D)	(D)	55
20 largest companies.....	(X)	20	76	70	76	69	71	76	76	85	94	78	76
50 largest companies.....	(X)	39	93	89	92	88	89	92	92	94	98	90	93
INDUSTRY 2531.--PUBLIC BUILDING AND RELATED FURNITURE													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	405	421	\$523.6	21.0	\$154.5	16.0	31.1	\$101.5	\$288.3	\$13.0	\$3.7	\$9.3	\$242.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	22	18	20	16	16	19	21	35	46	31	24
8 largest companies.....	(X)	3	32	27	30	24	24	26	30	(D)	(D)	(D)	34
20 largest companies.....	(X)	7	47	42	45	39	40	42	46	50	61	46	48
50 largest companies.....	(X)	15	67	61	64	59	60	62	67	73	73	73	67
INDUSTRY 2541.--WOOD PARTITIONS AND FIXTURES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,475	1,503	\$793.2	31.2	\$268.2	24.8	48.3	\$187.6	\$458.6	\$14.6	\$4.5	\$10.1	\$341.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	5	4	3	4	4	3	3	(D)	(D)	(D)	6
8 largest companies.....	(X)	1	9	7	6	7	7	6	8	6	(D)	(D)	10
20 largest companies.....	(X)	2	18	15	15	15	16	16	17	12	7	14	20
50 largest companies.....	(X)	4	32	29	29	29	30	30	31	25	25	24	36
INDUSTRY 2542.--METAL PARTITIONS AND FIXTURES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	482	507	\$734.5	26.2	\$215.7	19.9	38.5	\$143.1	\$412.4	\$19.4	\$6.3	\$13.1	\$326.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	16	15	16	13	12	14	16	(D)	(D)	(D)	16
8 largest companies.....	(X)	4	25	22	23	20	20	22	26	(D)	(D)	26	25
20 largest companies.....	(X)	7	44	38	40	35	36	39	45	47	59	42	43
50 largest companies.....	(X)	14	65	57	60	56	57	59	64	63	67	62	66
INDUSTRY 2591.--DRAPERY HARDWARE AND BLINDS AND SHADES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	493	505	\$364.5	12.1	\$94.4	8.7	17.1	\$56.6	\$198.2	\$9.9	\$1.1	\$8.8	\$163.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	50	35	41	36	36	40	53	53	31	55	47
8 largest companies.....	(X)	3	67	60	65	59	59	65	68	80	47	85	66
20 largest companies.....	(X)	6	78	74	78	74	76	79	79	88	75	89	78
50 largest companies.....	(X)	12	86	83	86	82	84	86	86	91	80	92	85
INDUSTRY 2599.--FURNITURE AND FIXTURES, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	477	494	\$372.0	14.5	\$115.5	11.6	22.9	\$79.6	\$211.7	\$14.8	\$6.9	\$7.9	\$163.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	13	10	10	10	10	9	12	13	(D)	(D)	15
8 largest companies.....	(X)	3	23	16	17	15	16	15	20	(D)	(D)	(D)	26
20 largest companies.....	(X)	6	39	32	33	31	33	30	36	52	51	52	42
50 largest companies.....	(X)	13	58	52	54	50	53	51	57	73	79	68	61

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2611.--PULPMILLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	46	60	\$709.9	10.6	\$125.7	8.4	17.6	\$95.0	\$306.9	\$136.4	\$18.3	\$118.1	\$388.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	22	59	60	60	58	58	58	57	78	(D)	(D)	60
8 largest companies.....	(X)	30	83	87	88	87	86	88	85	89	(D)	(D)	81
20 largest companies.....	(X)	57	99	98	98	98	98	98	99	99+	99	99+	99
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2621.--PAPERMILLS, EXCEPT BUILDING PAPER													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	194	349	\$6,385.2	129.9	\$1,439.6	103.3	226.0	\$1,091.8	\$2,909.3	\$372.3	\$39.5	\$332.8	\$3,465.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	12	24	22	23	23	22	23	25	18	19	18	24
8 largest companies.....	(X)	19	40	39	40	40	39	41	41	41	37	41	39
20 largest companies.....	(X)	34	66	64	65	64	63	66	66	69	65	69	65
50 largest companies.....	(X)	51	88	86	88	86	86	88	89	90	85	90	88
INDUSTRY 2631.--PAPERBOARD MILLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	135	273	\$4,153.5	68.5	\$778.2	54.5	121.2	\$588.5	\$1,994.4	\$313.5	\$27.1	\$286.4	\$2,152.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	12	29	26	26	26	25	25	28	29	38	28	29
8 largest companies.....	(X)	21	44	39	39	39	39	39	43	41	42	41	44
20 largest companies.....	(X)	33	69	63	64	62	61	63	69	76	77	75	68
50 largest companies.....	(X)	66	93	89	90	89	88	90	93	96	90	96	94
INDUSTRY 2641.--PAPER COATING AND GLAZING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	366	426	\$1,954.0	37.2	\$366.6	26.5	55.7	\$231.9	\$984.4	\$52.3	\$9.7	\$42.7	\$984.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	36	28	32	27	27	32	44	34	16	39	29
8 largest companies.....	(X)	7	49	39	43	39	39	45	53	41	(D)	(D)	44
20 largest companies.....	(X)	13	67	59	63	58	59	64	70	69	59	72	63
50 largest companies.....	(X)	25	84	79	81	78	79	81	86	83	77	85	83
INDUSTRY 2642.--ENVELOPES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	178	247	\$620.8	22.9	\$194.6	18.4	37.3	\$134.7	\$347.1	\$17.4	\$3.6	\$13.8	\$276.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	15	31	27	28	27	27	29	29	22	6	26	33
8 largest companies.....	(X)	23	45	42	43	42	40	43	44	35	29	37	46
20 largest companies.....	(X)	34	65	62	65	62	61	64	65	58	62	57	66
50 largest companies.....	(X)	47	84	82	84	82	82	84	84	83	87	82	84
INDUSTRY 2643.--BAGS, EXCEPT TEXTILE BAGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	466	583	\$1,885.7	48.6	\$385.5	38.9	78.9	\$279.4	\$840.5	\$53.9	\$7.2	\$46.7	\$1,055.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	25	23	24	23	23	25	27	33	18	35	23
8 largest companies.....	(X)	11	41	39	42	39	40	43	45	47	30	50	38
20 largest companies.....	(X)	18	61	58	61	58	59	63	62	61	59	61	61
50 largest companies.....	(X)	26	78	74	77	74	75	78	77	75	68	76	78

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com- panies	Estab- lishments		Number	Payroll	Number	Man- hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2645.--DIE-CUT PAPER AND BOARD													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	310	374	\$676.3	15.2	\$132.5	11.8	23.7	\$90.5	\$301.6	\$10.6	\$3.1	\$7.5	\$375.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	43	21	28	21	22	30	39	23	10	28	46
8 largest companies.....	(X)	12	54	37	42	36	37	44	49	34	(D)	(D)	57
20 largest companies.....	(X)	20	69	55	59	54	55	61	65	68	77	65	72
50 largest companies.....	(X)	30	86	74	77	74	75	79	83	82	84	82	88
INDUSTRY 2646.--PRESSED AND MOLDED PULP GOODS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	32	49	\$162.8	6.1	\$51.8	5.0	10.2	\$39.5	\$100.6	\$7.0	\$0.3	\$6.7	\$60.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	33	75	70	74	70	70	75	75	(D)	40	(D)	75
8 largest companies.....	(X)	49	89	87	89	87	87	90	90	92	65	93	88
20 largest companies.....	(X)	76	99	99	99	99	99	99	99	99	97	99	99
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2647.--SANITARY PAPER PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	72	108	\$2,071.8	26.3	\$256.1	21.8	43.6	\$197.2	\$882.8	\$119.6	\$37.8	\$81.8	\$1,197.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	22	63	49	53	50	50	54	63	82	84	82	63
8 largest companies.....	(X)	35	82	70	76	70	70	75	82	91	94	90	82
20 largest companies.....	(X)	51	95	90	93	90	91	93	95	96	95	96	95
50 largest companies.....	(X)	80	100	99	100	99	99	100	100	100	100	100	100
INDUSTRY 2648.--STATIONERY PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	405	431	\$450.5	14.7	\$106.3	11.5	22.3	\$72.6	\$225.6	\$9.3	\$2.3	\$7.0	\$230.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	34	32	33	31	31	35	34	14	18	13	34
8 largest companies.....	(X)	5	45	40	41	39	39	43	43	25	(D)	(D)	48
20 largest companies.....	(X)	10	63	58	60	58	58	62	60	42	23	48	66
50 largest companies.....	(X)	18	79	77	79	76	77	80	77	54	29	63	82
INDUSTRY 2649.--CONVERTED PAPER PRODUCTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	287	307	\$630.6	18.1	\$136.6	14.0	27.6	\$88.8	\$325.6	\$18.5	\$8.0	\$10.6	\$307.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	22	20	17	21	21	18	24	30	(D)	(D)	19
8 largest companies.....	(X)	5	32	27	26	28	29	27	32	46	(D)	(D)	32
20 largest companies.....	(X)	10	52	42	43	42	44	44	50	55	66	47	54
50 largest companies.....	(X)	21	72	63	65	62	65	65	70	71	74	69	74
INDUSTRY 2651.--FOLDING PAPERBOARD BOXES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	443	544	\$1,487.0	45.3	\$398.1	36.5	73.4	\$285.9	\$739.7	\$37.4	\$4.8	\$32.6	\$762.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	23	19	20	18	19	20	21	16	(D)	(D)	25
8 largest companies.....	(X)	9	35	29	31	28	29	31	32	24	15	25	38
20 largest companies.....	(X)	17	53	45	47	44	45	49	48	42	35	43	57
50 largest companies.....	(X)	26	70	62	65	62	62	66	66	66	54	68	74

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2652.--SET-UP PAPERBOARD BOXES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	366	397	\$321.3	18.1	\$111.6	15.5	29.2	\$80.9	\$195.9	\$6.4	\$1.2	\$5.3	\$127.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	11	7	8	7	7	8	10	5	1	6	12
8 largest companies.....	(X)	4	17	12	15	11	12	14	16	8	6	8	18
20 largest companies.....	(X)	10	31	26	28	25	26	28	31	21	39	17	33
50 largest companies.....	(X)	19	52	44	48	44	45	48	51	46	55	44	53
INDUSTRY 2653.--CORRUGATED AND SOLID FIBER BOXES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	709	1,265	\$4,308.8	107.9	\$976.3	80.6	165.9	\$643.0	\$1,736.9	\$101.5	\$21.0	\$80.6	\$2,573.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	18	15	16	15	15	17	17	19	15	20	20
8 largest companies.....	(X)	17	32	28	30	28	28	30	29	35	(D)	(D)	35
20 largest companies.....	(X)	32	58	54	56	54	54	58	55	55	43	58	60
50 largest companies.....	(X)	44	76	71	73	71	72	75	73	67	54	71	78
INDUSTRY 2654.--SANITARY FOOD CONTAINERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	160	251	\$1,419.7	35.1	\$277.7	27.9	56.7	\$203.0	\$659.8	\$42.3	\$7.2	\$35.1	\$767.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	16	46	44	43	43	43	44	49	42	39	42	42
8 largest companies.....	(X)	27	64	58	57	58	58	59	65	69	(D)	(D)	63
20 largest companies.....	(X)	42	85	80	81	80	80	82	84	85	71	87	86
50 largest companies.....	(X)	56	95	92	92	91	92	92	94	95	93	95	95
INDUSTRY 2655.--FIBER CANS, DRUMS, AND SIMILAR PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	168	282	\$568.0	17.3	\$143.3	14.4	29.6	\$106.1	\$266.4	\$17.9	\$4.2	\$13.7	\$303.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	26	54	46	53	46	47	55	54	52	41	56	55
8 largest companies.....	(X)	35	70	58	65	58	60	66	66	70	63	73	73
20 largest companies.....	(X)	44	82	74	79	74	76	80	79	83	84	83	85
50 largest companies.....	(X)	58	92	88	90	88	89	91	90	92	90	93	94
INDUSTRY 2661.--BUILDING PAPER AND BOARD MILLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	45	92	\$456.2	11.6	\$111.6	9.9	21.4	\$91.4	\$246.5	\$18.8	\$2.2	\$16.6	\$211.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	16	52	50	51	50	49	51	55	52	68	49	49
8 largest companies.....	(X)	33	73	70	71	70	69	71	75	78	79	78	70
20 largest companies.....	(X)	73	98	97	97	97	97	98	98	95	95	95	98
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2711.--NEWSPAPERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	7,461	8,116	\$8,262.8	348.5	\$3,168.1	169.7	298.4	\$1,536.8	\$6,219.9	\$359.5	\$106.0	\$253.5	\$2,043.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	17	12	16	12	12	17	16	10	11	10	21
8 largest companies.....	(X)	2	28	21	27	21	20	26	27	21	22	21	31
20 largest companies.....	(X)	3	43	34	42	33	33	43	42	36	45	32	47
50 largest companies.....	(X)	5	60	49	59	48	48	61	59	54	60	51	64

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com-panies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2721.--PERIODICALS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	2,451	2,534	\$3,510.6	66.5	\$708.5	11.1	21.1	\$84.6	\$2,109.9	\$56.8	\$16.6	\$40.2	\$1,404.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	26	16	20	2	2	3	27	(D)	(D)	(D)	23
8 largest companies.....	(X)	(Z)	38	23	28	4	5	7	35	43	12	55	41
20 largest companies.....	(X)	1	54	36	42	7	11	11	52	56	34	65	57
50 largest companies.....	(X)	4	69	53	59	24	27	28	66	73	72	73	72
INDUSTRY 2731.--BOOK PUBLISHING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	1,120	1,205	\$2,856.8	57.1	\$557.7	16.2	31.4	\$128.6	\$1,935.8	\$48.4	\$9.2	\$39.2	\$959.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	19	15	16	5	6	6	19	(D)	6	(D)	18
8 largest companies.....	(X)	3	31	25	26	13	15	13	33	(D)	(D)	(D)	28
20 largest companies.....	(X)	5	56	45	49	35	37	40	58	57	22	65	53
50 largest companies.....	(X)	10	77	69	72	63	66	67	78	75	47	81	75
INDUSTRY 2732.--BOOK PRINTING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	674	700	\$937.7	40.9	\$361.2	33.0	64.5	\$269.0	\$604.5	\$33.9	\$7.3	\$26.6	\$332.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	24	22	23	22	24	25	23	15	2	19	26
8 largest companies.....	(X)	3	36	35	35	36	38	37	36	24	12	28	35
20 largest companies.....	(X)	6	53	53	52	55	56	55	53	47	33	51	52
50 largest companies.....	(X)	10	68	67	67	68	69	68	67	57	44	61	69
INDUSTRY 2741.--MISCELLANEOUS PUBLISHING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	1,964	2,041	\$1,070.2	38.8	\$331.2	19.1	31.7	\$135.0	\$775.8	\$22.7	\$5.5	\$17.2	\$296.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	29	20	24	13	15	17	27	15	11	16	35
8 largest companies.....	(X)	1	42	36	39	20	22	24	41	22	15	25	46
20 largest companies.....	(X)	3	57	49	53	34	37	38	55	38	34	40	61
50 largest companies.....	(X)	5	68	60	65	49	53	55	65	51	53	50	73
INDUSTRY 2751.--COMMERCIAL PRINTING, LETTERPRESS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	13,040	13,198	\$3,291.8	130.1	\$1,131.7	103.9	191.2	\$813.7	\$2,003.0	\$129.2	\$30.7	\$98.5	\$1,302.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	14	12	17	13	13	19	14	11	13	11	13
8 largest companies.....	(X)	(Z)	19	16	21	16	17	22	19	14	(D)	(D)	19
20 largest companies.....	(X)	1	26	22	27	23	24	29	26	22	23	22	28
50 largest companies.....	(X)	1	35	30	35	29	31	36	34	29	31	28	36
INDUSTRY 2752.--COMMERCIAL PRINTING, LITHOGRAPHIC													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	8,160	8,388	\$5,124.8	184.0	\$1,835.3	139.6	264.2	\$1,266.2	\$3,155.1	\$220.6	\$34.6	\$186.0	\$1,992.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	4	3	3	3	4	4	4	8	6	8	5
8 largest companies.....	(X)	(Z)	8	6	6	6	6	7	7	11	9	11	9
20 largest companies.....	(X)	1	15	11	13	12	12	14	14	19	20	19	16
50 largest companies.....	(X)	2	24	20	23	20	21	24	23	33	37	32	25

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2753.—ENGRAVING AND PLATE PRINTING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	542	560	\$201.6	9.6	\$80.7	7.5	14.4	\$58.1	\$152.4	\$5.1	(D)	(D)	\$49.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	28	20	24	19	18	25	29	24	8	27	25
8 largest companies.....	(X)	2	33	25	29	24	24	30	35	28	8	31	31
20 largest companies.....	(X)	6	43	37	40	36	36	41	44	37	9	42	42
50 largest companies.....	(X)	12	57	51	55	49	50	54	57	57	37	61	59
INDUSTRY 2754.—COMMERCIAL PRINTING, GRAVURE													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	120	135	\$697.6	20.0	\$225.4	17.0	32.8	\$182.3	\$372.2	\$22.5	\$1.7	\$20.8	\$326.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	35	32	34	33	34	36	37	48	51	48	33
8 largest companies.....	(X)	13	55	53	56	55	56	59	58	62	63	62	50
20 largest companies.....	(X)	24	81	76	79	77	78	81	79	85	74	86	82
50 largest companies.....	(X)	48	96	93	94	94	94	95	94	94	92	95	97
INDUSTRY 2761.—MANIFOLD BUSINESS FORMS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	534	667	\$1,429.7	38.6	\$343.6	28.8	58.6	\$235.2	\$823.6	\$45.8	\$5.9	\$39.9	\$612.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	45	35	36	37	37	39	46	38	22	40	42
8 largest companies.....	(X)	12	54	41	42	43	43	45	55	46	45	46	52
20 largest companies.....	(X)	19	66	55	56	57	57	59	67	57	60	56	65
50 largest companies.....	(X)	25	78	70	71	70	71	72	78	70	64	71	78
INDUSTRY 2771.—GREETING CARD PUBLISHING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	186	199	\$755.4	23.0	\$187.9	12.0	23.3	\$91.5	\$514.0	\$46.1	\$16.7	\$29.4	\$255.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	70	60	64	49	52	56	70	(D)	(D)	(D)	68
8 largest companies.....	(X)	9	78	71	73	59	63	64	80	86	(D)	(D)	75
20 largest companies.....	(X)	16	88	83	85	77	79	80	88	92	93	91	88
50 largest companies.....	(X)	32	96	94	95	92	93	93	96	98	99	98	96
INDUSTRY 2782.—BLANKBOOKS AND LOOSELEAF BINDERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	377	461	\$591.1	26.6	\$192.7	22.0	43.2	\$139.8	\$390.6	\$14.4	\$4.1	\$10.4	\$206.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	38	36	38	37	39	41	41	43	(D)	(D)	33
8 largest companies.....	(X)	15	48	46	48	47	48	52	52	(D)	(D)	(D)	42
20 largest companies.....	(X)	20	62	58	61	59	60	64	65	73	82	70	58
50 largest companies.....	(X)	27	78	73	76	73	75	77	79	82	83	81	77
INDUSTRY 2789.—BOOKBINDING AND RELATED WORK													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	990	1,004	\$377.2	25.1	\$178.9	22.0	40.5	\$139.1	\$296.2	\$11.2	\$1.4	\$9.8	\$78.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	11	6	6	6	7	6	9	8	7	8	19
8 largest companies.....	(X)	1	18	13	13	13	13	12	16	(D)	(D)	(D)	27
20 largest companies.....	(X)	3	31	26	26	25	26	26	29	20	33	18	38
50 largest companies.....	(X)	6	46	40	42	40	41	41	45	39	42	38	57

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2791.--TYPESETTING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	1,860	1,887	\$482.8	26.0	\$269.8	21.1	38.1	\$205.9	\$426.0	\$14.2	\$2.1	\$12.2	\$58.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	5	5	5	6	4	5	5	4	2	4	5
8 largest companies.....	(X)	1	8	8	9	9	7	8	8	6	5	6	9
20 largest companies.....	(X)	2	16	15	17	15	15	17	16	9	5	9	19
50 largest companies.....	(X)	4	29	27	29	26	26	28	29	19	13	20	35
INDUSTRY 2793.--PHOTOENGRAVING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	583	590	\$229.7	9.9	\$119.3	6.6	12.5	\$81.0	\$191.7	\$5.4	\$1.3	\$4.2	\$38.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	13	12	13	10	12	14	14	15	(D)	(D)	12
8 largest companies.....	(X)	2	19	17	19	15	18	19	20	17	(D)	(D)	17
20 largest companies.....	(X)	4	32	29	32	28	30	34	33	25	14	29	29
50 largest companies.....	(X)	9	50	47	53	46	48	54	51	50	58	48	49
INDUSTRY 2794.--ELECTROTYPING AND STEREOTYPING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	72	81	\$36.8	1.7	\$19.0	1.2	2.1	\$13.5	\$28.5	\$0.5	\$0.1	\$0.4	\$8.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	14	43	43	48	45	46	51	43	(D)	(D)	(D)	44
8 largest companies.....	(X)	19	57	56	61	58	59	63	57	53	45	55	56
20 largest companies.....	(X)	36	79	78	79	79	80	81	78	62	52	64	81
50 largest companies.....	(X)	73	98	95	95	97	98	98	97	76	60	79	98
INDUSTRY 2795.--LITHOGRAPHIC PLATEMAKING SERVICES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	330	336	\$257.0	8.9	\$112.4	6.2	11.8	\$76.8	\$185.1	\$10.5	\$1.6	\$8.9	\$73.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	21	16	15	11	10	9	18	31	(D)	(D)	29
8 largest companies.....	(X)	3	29	24	22	17	17	16	26	34	48	32	37
20 largest companies.....	(X)	7	41	35	33	29	28	28	38	49	52	49	52
50 largest companies.....	(X)	16	60	53	53	48	47	50	57	63	58	64	66
INDUSTRY 2812.--ALKALIES AND CHLORINE													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	28	48	\$823.2	13.3	\$152.0	9.6	18.9	\$102.6	\$455.6	\$61.5	\$6.7	\$54.8	\$365.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	38	72	79	80	79	78	79	71	51	43	53	73
8 largest companies.....	(X)	56	91	92	92	92	92	92	91	77	67	78	91
20 largest companies.....	(X)	83	99+	99+	99+	99+	99+	99+	99+	(D)	(D)	(D)	99+
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2813.--INDUSTRIAL GASES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	105	503	\$679.3	9.6	\$87.2	5.4	10.6	\$48.3	\$466.7	\$84.1	\$6.0	\$78.0	\$214.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	59	65	52	54	62	61	63	67	59	64	59	60
8 largest companies.....	(X)	72	81	73	72	76	75	77	82	(D)	(D)	(D)	78
20 largest companies.....	(X)	81	93	90	90	91	91	91	94	97	92	97	91
50 largest companies.....	(X)	89	98	97	97	97	97	97	98	99	97	99	97

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com- panies	Estab- lishments		Number	Payroll	Number	Man- hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2816.--INORGANIC PIGMENTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	77	114	\$796.9	12.8	\$134.6	9.0	18.3	\$87.8	\$382.6	\$38.9	\$5.1	\$33.8	\$394.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	17	52	50	54	51	48	55	54	53	49	54	50
8 largest companies.....	(X)	27	72	70	73	70	70	74	75	80	67	82	68
20 largest companies.....	(X)	46	91	90	91	90	90	91	90	91	74	93	91
50 largest companies.....	(X)	76	99	99	99	98	98	99	99	99	99	99	99
INDUSTRY 2819.--INDUSTRIAL INORGANIC CHEMICALS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	166	384	\$3,833.3	63.8	\$704.7	39.9	80.0	\$392.4	\$2,038.2	\$149.0	\$17.0	\$132.0	\$1,804.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	34	38	40	37	36	37	39	15	23	14	29
8 largest companies.....	(X)	29	52	51	52	52	51	52	53	34	41	34	50
20 largest companies.....	(X)	41	76	75	76	75	75	77	77	55	64	54	76
50 largest companies.....	(X)	64	93	91	92	91	91	93	93	78	83	77	92
INDUSTRY 2821.--PLASTICS MATERIALS AND RESINS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	193	323	\$4,478.2	54.8	\$632.8	35.0	74.3	\$370.0	\$2,160.5	\$253.2	\$45.5	\$207.8	\$2,328.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	26	29	30	28	27	30	30	23	13	25	23
8 largest companies.....	(X)	14	41	42	45	41	41	45	47	39	41	39	37
20 largest companies.....	(X)	28	65	64	67	64	64	68	68	67	72	66	61
50 largest companies.....	(X)	51	90	85	88	85	86	89	91	90	89	91	88
INDUSTRY 2822.--SYNTHETIC RUBBER													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	50	59	\$1,089.4	11.8	\$138.8	8.2	16.2	\$88.5	\$491.7	\$35.5	\$3.5	\$32.0	\$610.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	15	62	59	62	59	59	61	65	(D)	(D)	69	61
8 largest companies.....	(X)	24	81	79	81	80	79	81	80	90	92	90	83
20 largest companies.....	(X)	46	98	96	97	96	96	98	98	98	98	99	98
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 2823.--CELLULOSIC MANMADE FIBERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	12	18	\$589.5	17.1	\$135.2	14.4	29.6	\$107.1	\$243.5	\$32.7	\$1.8	\$30.9	\$327.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	56	96	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
8 largest companies.....	(X)	78	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
INDUSTRY 2824.--ORGANIC FIBERS, NONCELLULOSIC													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	36	61	\$3,638.9	78.2	\$759.5	58.4	116.2	\$497.7	\$2,039.8	\$372.5	\$43.5	\$328.9	\$1,588.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	31	74	69	72	69	69	72	78	64	58	64	69
8 largest companies.....	(X)	46	91	88	90	87	87	89	92	89	95	89	89
20 largest companies.....	(X)	70	99+	99	99	99	99	99	99	99+	99+	99+	99+
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2831.--BIOLOGICAL PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	158	182	\$360.0	10.1	\$102.9	5.3	10.4	\$40.4	\$231.4	\$27.2	\$15.2	\$12.0	\$144.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	37	35	36	36	38	35	31	28	(D)	(D)	46
8 largest companies.....	(X)	14	53	48	49	51	53	52	48	40	47	30	60
20 largest companies.....	(X)	22	82	73	72	76	77	78	82	75	82	66	83
50 largest companies.....	(X)	40	95	93	94	91	91	93	95	93	97	89	96
INDUSTRY 2833.--MEDICINALS AND BOTANICALS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	125	140	\$509.0	7.8	\$80.8	4.6	8.7	\$44.9	\$260.0	\$51.5	\$10.8	\$40.7	\$251.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	59	54	56	51	53	58	67	(D)	(D)	(D)	52
8 largest companies.....	(X)	14	75	67	70	65	68	72	79	92	91	93	70
20 largest companies.....	(X)	24	90	84	86	83	84	87	91	96	96	96	89
50 largest companies.....	(X)	45	98	95	96	94	94	96	97	99	99	99	98
INDUSTRY 2834.--PHARMACEUTICAL PREPARATIONS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	680	756	\$7,149.5	112.0	\$1,229.7	57.0	113.2	\$497.7	\$5,639.5	\$166.7	\$59.1	\$107.6	\$1,575.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	26	22	26	21	21	24	27	16	7	20	20
8 largest companies.....	(X)	4	44	35	38	36	37	41	46	30	24	34	36
20 largest companies.....	(X)	8	75	66	71	64	64	72	77	63	60	65	65
50 largest companies.....	(X)	15	91	84	88	81	81	87	92	82	77	84	84
INDUSTRY 2841.--SOAP AND OTHER DETERGENTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	577	642	\$3,394.4	31.5	\$341.6	20.4	40.9	\$205.9	\$2,038.8	\$90.7	\$12.3	\$78.4	\$1,373.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	62	46	54	53	53	63	65	(D)	(D)	(D)	59
8 largest companies.....	(X)	6	74	56	63	61	62	70	76	77	63	80	71
20 largest companies.....	(X)	11	85	70	74	75	75	81	88	84	68	86	80
50 largest companies.....	(X)	17	92	80	83	84	84	89	93	94	87	95	89
INDUSTRY 2842.--POLISHES AND SANITATION GOODS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	1,022	1,108	\$1,867.6	25.1	\$216.9	14.7	28.6	\$100.5	\$1,118.1	\$54.3	\$12.5	\$41.8	\$758.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	43	19	21	20	22	27	46	17	(D)	(D)	38
8 largest companies.....	(X)	3	54	27	27	32	34	38	58	28	27	28	49
20 largest companies.....	(X)	5	65	42	43	45	48	51	69	60	63	59	60
50 largest companies.....	(X)	11	78	59	61	59	61	64	80	72	74	71	75
INDUSTRY 2843.--SURFACE ACTIVE AGENTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	151	178	\$462.6	6.9	\$71.5	3.8	7.7	\$32.3	\$209.5	\$19.7	\$4.1	\$15.6	\$257.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	28	23	23	30	30	33	29	48	37	52	28
8 largest companies.....	(X)	12	42	37	37	39	39	43	43	56	46	59	41
20 largest companies.....	(X)	22	64	58	57	59	59	61	63	76	61	80	65
50 largest companies.....	(X)	43	89	85	85	85	85	86	89	92	85	94	89

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of--		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2844.--TOILET PREPARATIONS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	593	645	\$4,053.0	48.2	\$428.2	31.8	61.0	\$219.6	\$2,834.1	\$71.4	\$28.6	\$42.8	\$1,241.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	38	18	22	20	22	27	41	37	(D)	(D)	28
8 largest companies.....	(X)	4	53	32	35	33	35	40	57	47	54	43	44
20 largest companies.....	(X)	8	74	53	58	52	54	59	77	65	68	63	66
50 largest companies.....	(X)	14	91	76	80	75	77	81	92	82	87	79	88
INDUSTRY 2851.--PAINTS AND ALLIED PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,318	1,599	\$3,821.8	65.9	\$647.2	36.2	73.2	\$295.1	\$1,791.7	\$81.5	\$26.5	\$55.0	\$2,058.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	22	19	20	19	19	22	23	17	14	19	21
8 largest companies.....	(X)	5	34	27	30	28	28	32	34	37	34	38	34
20 largest companies.....	(X)	10	51	41	44	42	43	47	51	50	48	51	50
50 largest companies.....	(X)	17	66	58	61	57	58	63	67	66	64	67	65
INDUSTRY 2861.--GUM AND WOOD CHEMICALS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	118	139	\$332.3	5.9	\$47.6	4.7	9.4	\$33.5	\$155.4	\$11.1	\$1.7	\$9.4	\$175.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	68	62	66	60	59	65	70	67	(D)	(D)	65
8 largest companies.....	(X)	20	83	80	82	79	78	82	86	80	55	85	81
20 largest companies.....	(X)	29	94	91	93	90	91	93	94	92	77	95	93
50 largest companies.....	(X)	51	99	97	98	97	97	98	99	98	93	98	99
INDUSTRY 2865.--CYCLIC CRUDES AND INTERMEDIATES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	124	174	\$2,049.6	28.2	\$318.2	18.7	38.4	\$191.1	\$929.7	\$158.8	\$23.1	\$135.7	\$1,110.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	12	34	30	33	32	32	35	36	23	23	23	33
8 largest companies.....	(X)	22	52	49	53	52	52	56	53	38	(D)	(D)	52
20 largest companies.....	(X)	34	77	76	79	79	79	82	79	69	72	69	76
50 largest companies.....	(X)	57	96	94	94	94	95	96	96	95	88	96	96
INDUSTRY 2869.--INDUSTRIAL ORGANIC CHEMICALS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	351	514	\$9,223.5	102.4	\$1,248.6	64.5	129.9	\$713.0	\$4,988.0	\$661.7	\$102.5	\$559.2	\$4,228.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	43	37	40	38	37	40	49	40	(D)	(D)	36
8 largest companies.....	(X)	11	57	50	53	50	50	54	63	54	65	52	50
20 largest companies.....	(X)	21	74	67	71	69	68	72	77	75	77	75	70
50 largest companies.....	(X)	36	92	88	90	89	89	91	93	94	92	94	90
INDUSTRY 2873.--NITROGENOUS FERTILIZERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	47	73	\$799.4	9.4	\$104.3	6.1	13.2	\$64.3	\$447.6	\$33.2	\$2.8	\$30.4	\$362.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	16	35	33	32	33	34	32	39	56	41	58	31
8 largest companies.....	(X)	29	53	47	49	48	49	51	57	71	44	73	49
20 largest companies.....	(X)	59	84	84	84	82	82	82	85	81	60	83	83
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2874.--PHOSPHATIC FERTILIZERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	66	145	\$1,178.9	14.9	\$135.1	10.8	23.1	\$91.9	\$426.4	\$65.8	14.0	\$51.9	\$740.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	17	29	25	26	24	24	25	29	12	2	14	30
8 largest companies.....	(X)	30	47	48	49	47	48	48	47	35	51	30	47
20 largest companies.....	(X)	52	83	78	81	77	78	81	84	75	71	76	82
50 largest companies.....	(X)	88	99	99	99	99	99	99	99	98	99	98	99
INDUSTRY 2875.--FERTILIZERS, MIXING ONLY													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	442	627	\$800.0	11.4	\$82.5	7.2	14.2	\$41.4	\$263.6	\$17.2	\$4.4	\$12.8	\$542.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	24	18	19	17	18	21	29	16	8	18	22
8 largest companies.....	(X)	12	38	30	34	27	28	31	38	26	26	29	37
20 largest companies.....	(X)	21	57	48	51	46	47	50	59	54	48	57	56
50 largest companies.....	(X)	34	74	64	68	63	65	67	73	69	68	69	74
INDUSTRY 2879.--AGRICULTURAL CHEMICALS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	297	388	\$1,150.8	12.2	\$116.5	6.8	13.2	\$53.5	\$598.9	\$39.5	\$10.8	\$28.7	\$547.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	39	29	34	32	34	40	47	46	(D)	(D)	29
8 largest companies.....	(X)	14	57	47	53	46	47	55	64	61	52	64	47
20 largest companies.....	(X)	23	76	67	73	64	65	74	81	81	82	80	70
50 largest companies.....	(X)	35	89	80	84	80	81	85	91	94	95	94	88
INDUSTRY 2891.--ADHESIVES AND SEALANTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	317	463	\$928.0	14.9	\$148.2	8.5	17.6	\$68.8	\$426.6	\$24.9	\$6.8	\$18.1	\$504.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	12	19	13	13	12	12	13	20	17	12	19	19
8 largest companies.....	(X)	15	31	23	25	22	22	23	35	29	22	31	27
20 largest companies.....	(X)	27	52	42	44	43	45	45	53	47	40	50	51
50 largest companies.....	(X)	38	76	68	71	68	69	72	77	70	69	70	76
INDUSTRY 2892.--EXPLOSIVES ⁶													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	55	92	\$402.7	18.6	\$178.9	13.3	25.8	\$115.6	\$281.7	\$14.9	\$5.2	\$9.4	\$121.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	29	67	67	66	71	72	71	69	13	6	19	62
8 largest companies.....	(X)	37	86	88	90	89	89	91	87	82	83	81	81
20 largest companies.....	(X)	61	98	98	98	98	98	99	98	92	92	92	96
50 largest companies.....	(X)	95	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 2893.--PRINTING INK													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	213	407	\$508.4	9.6	\$99.3	5.8	12.1	\$49.8	\$232.0	\$12.6	\$3.0	\$9.6	\$281.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	22	39	32	31	34	34	33	35	30	(D)	(D)	42
8 largest companies.....	(X)	32	54	46	43	47	47	46	51	50	33	55	57
20 largest companies.....	(X)	47	75	69	68	69	70	71	73	68	43	75	77
50 largest companies.....	(X)	59	88	83	84	83	84	85	87	90	92	89	89

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2895.--CARBON BLACK													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	11	37	\$227.0	2.9	\$31.9	2.3	5.1	\$24.1	\$137.6	\$11.8	\$2.1	\$9.7	\$88.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	62	74	69	70	69	71	71	74	75	(D)	(D)	75
8 largest companies.....	(X)	92	99+	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	100
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
INDUSTRY 2899.--CHEMICAL PREPARATIONS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	1,485	1,606	\$2,202.3	37.1	\$356.0	22.6	43.9	\$176.0	\$1,124.7	\$71.3	\$15.2	\$56.1	\$1,086.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	16	9	13	9	10	12	16	11	13	10	16
8 largest companies.....	(X)	2	26	17	20	19	21	24	26	16	18	15	26
20 largest companies.....	(X)	4	41	28	31	29	31	34	42	31	24	33	40
50 largest companies.....	(X)	7	58	46	49	47	47	54	58	54	46	56	58
INDUSTRY 2911.--PETROLEUM REFINING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	152	323	\$25,921.1	100.8	\$1,247.1	71.2	142.3	\$816.3	\$4,594.7	\$1,061.6	\$603.5	\$458.1	\$21,171.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	11	31	30	31	28	29	28	27	23	17	31	32
8 largest companies.....	(X)	24	56	54	56	54	53	54	53	65	67	62	56
20 largest companies.....	(X)	45	84	79	81	79	78	81	82	82	80	85	84
50 largest companies.....	(X)	63	96	93	94	93	92	94	95	97	97	96	96
INDUSTRY 2951.--PAVING MIXTURES AND BLOCKS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	585	964	\$922.5	13.9	\$147.7	10.0	21.4	\$100.8	\$403.1	\$56.3	\$14.6	\$41.8	\$527.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	13	15	9	9	10	9	10	11	10	18	8	18
8 largest companies.....	(X)	17	23	17	19	19	21	22	24	20	24	19	23
20 largest companies.....	(X)	22	35	28	30	31	32	35	37	36	36	36	35
50 largest companies.....	(X)	32	51	42	43	44	46	48	51	53	51	54	52
INDUSTRY 2952.--ASPHALT FELTS AND COATINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	116	235	\$1,010.4	15.6	\$148.7	11.5	26.4	\$103.2	\$443.3	\$19.6	\$3.2	\$16.4	\$573.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	17	48	44	47	49	51	56	51	40	14	45	46
8 largest companies.....	(X)	46	74	66	67	70	71	75	72	60	58	60	75
20 largest companies.....	(X)	57	89	84	86	85	86	88	90	88	79	90	87
50 largest companies.....	(X)	71	97	96	97	96	97	97	98	98	98	98	97
INDUSTRY 2992.--LUBRICATING OILS AND GREASES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	386	443	\$703.1	8.1	\$83.3	4.4	8.6	\$36.2	\$295.8	\$13.7	\$3.5	\$10.2	\$408.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	31	15	16	16	17	23	32	(D)	(D)	(D)	31
8 largest companies.....	(X)	8	44	28	30	30	30	36	43	39	20	45	44
20 largest companies.....	(X)	14	58	42	44	43	44	48	55	45	28	51	60
50 largest companies.....	(X)	22	76	60	62	59	60	64	73	64	45	70	77

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 2999.--PETROLEUM AND COAL PRODUCTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	42	51	\$137.6	1.1	\$10.6	.9	1.8	\$7.5	\$56.3	\$3.0	\$.5	\$2.5	\$81.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	22	74	59	60	57	58	61	73	(D)	38	(D)	74
8 largest companies.....	(X)	33	89	71	73	70	71	72	88	77	68	79	89
20 largest companies.....	(X)	57	97	89	91	87	88	89	97	88	91	88	97
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3011.--TIRES AND INNER TUBES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	136	206	\$5,747.1	107.5	\$1,214.1	83.1	168.9	\$908.1	\$3,070.8	\$267.1	\$62.2	\$205.0	\$2,745.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	22	73	70	73	70	71	73	74	84	91	82	72
8 largest companies.....	(X)	30	90	88	90	88	88	91	91	94	96	94	89
20 largest companies.....	(X)	42	98	96	97	96	96	98	98	99	99	99	98
50 largest companies.....	(X)	58	99+	99	99+	99	99	99+	99+	99+	99+	99+	99+
INDUSTRY 3021.--RUBBER AND PLASTICS FOOTWEAR													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	82	107	\$600.0	31.6	\$182.6	26.5	49.9	\$137.5	\$370.3	\$17.7	\$4.1	\$13.6	\$243.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	15	59	55	57	53	54	56	62	31	24	33	56
8 largest companies.....	(X)	23	70	65	67	64	64	67	72	59	72	55	69
20 largest companies.....	(X)	41	89	86	87	86	86	87	89	85	88	85	89
50 largest companies.....	(X)	70	99	99	99	99	99	99	99	99	99	99	99
INDUSTRY 3031.--RECLAIMED RUBBER													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	19	20	\$29.7	.9	\$9.1	.8	1.5	\$6.9	\$15.6	\$0.7	(Z)	\$0.6	\$13.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	25	78	78	83	74	76	83	77	79	50	81	77
8 largest companies.....	(X)	45	95	95	96	94	95	96	96	94	83	95	94
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
INDUSTRY 3041.--RUBBER AND PLASTICS HOSE AND BELTING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	66	90	\$1,020.1	31.9	\$309.0	22.6	45.4	\$200.1	\$618.7	\$31.6	\$8.4	\$23.2	\$405.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	14	52	52	56	51	51	55	55	41	31	51	47
8 largest companies.....	(X)	27	72	71	73	71	71	75	74	72	75	72	68
20 largest companies.....	(X)	44	91	89	91	89	88	91	92	95	94	95	89
50 largest companies.....	(X)	82	99	99	99	99	99	99	99	99+	99+	99+	99
INDUSTRY 3069.--FABRICATED RUBBER PRODUCTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	967	1,116	\$2,830.9	99.0	\$808.8	77.4	153.7	\$559.7	\$1,573.1	\$88.5	\$19.3	\$69.3	\$1,273.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	16	11	14	10	10	14	15	14	16	14	17
8 largest companies.....	(X)	2	24	16	20	16	16	21	22	24	29	24	27
20 largest companies.....	(X)	6	40	31	36	30	31	37	38	41	37	42	42
50 largest companies.....	(X)	12	59	49	54	48	49	54	56	59	52	62	62

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3079.--MISCELLANEOUS PLASTICS PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	6,762	7,698	\$10,695.9	346.9	\$2,641.6	276.4	548.8	\$1,792.6	\$6,004.7	\$654.0	\$149.6	\$504.4	\$4,786.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	8	5	8	4	5	6	10	7	8	7	6
8 largest companies.....	(X)	1	12	8	10	8	8	10	14	10	9	10	10
20 largest companies.....	(X)	3	21	15	18	15	15	19	23	17	14	18	18
50 largest companies.....	(X)	5	34	26	30	25	26	30	35	31	32	31	32
INDUSTRY 3111.--LEATHER TANNING AND FINISHING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	468	517	\$1,059.5	25.7	\$200.0	22.1	41.9	\$151.3	\$368.3	\$16.3	\$3.6	\$12.7	\$708.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	17	15	16	14	14	15	14	14	19	13	18
8 largest companies.....	(X)	5	28	24	26	23	23	25	25	26	27	25	30
20 largest companies.....	(X)	10	48	40	44	39	40	44	45	47	56	44	50
50 largest companies.....	(X)	18	71	62	67	61	64	67	67	75	79	74	74
INDUSTRY 3131.--BOOT AND SHOE CUT STOCK AND FINDINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	225	248	\$206.5	8.7	\$50.1	7.6	14.0	\$37.1	\$86.2	\$2.9	\$.8	\$2.1	\$120.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	17	18	16	19	19	19	16	(D)	(D)	(D)	18
8 largest companies.....	(X)	9	27	28	28	28	29	29	26	(D)	(D)	(D)	28
20 largest companies.....	(X)	16	49	45	45	45	45	46	42	(D)	(D)	(D)	54
50 largest companies.....	(X)	29	75	68	69	68	69	69	70	72	81	69	78
INDUSTRY 3142.--HOUSE SLIPPERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	83	91	\$151.4	8.5	\$48.1	7.1	12.7	\$33.4	\$85.7	\$1.6	\$0.6	\$1.0	\$66.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	11	39	34	36	32	35	35	42	47	(D)	(D)	35
8 largest companies.....	(X)	18	58	48	52	47	49	50	56	(D)	(D)	(D)	60
20 largest companies.....	(X)	31	80	73	76	71	73	73	79	80	96	70	82
50 largest companies.....	(X)	64	97	95	96	95	95	95	96	91	99	85	97
INDUSTRY 3143.--MEN'S FOOTWEAR, EXCEPT ATHLETIC													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	118	221	\$1,288.9	61.5	\$358.1	54.4	106.3	\$288.9	\$674.4	\$14.3	\$2.9	\$11.4	\$623.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	20	34	33	35	34	34	36	35	32	18	36	34
8 largest companies.....	(X)	31	51	49	50	49	50	51	51	42	(D)	(D)	51
20 largest companies.....	(X)	47	74	70	71	70	71	72	74	62	50	65	74
50 largest companies.....	(X)	69	95	93	94	93	94	94	95	93	97	92	95
INDUSTRY 3144.--WOMEN'S FOOTWEAR, EXCEPT ATHLETIC													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	294	422	\$1,346.1	77.4	\$408.4	70.0	128.5	\$334.3	\$763.6	\$14.8	\$2.9	\$11.9	\$591.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	13	32	24	25	25	27	29	35	12	(D)	(D)	29
8 largest companies.....	(X)	16	42	33	36	35	36	39	44	23	11	26	41
20 largest companies.....	(X)	25	56	48	50	49	50	53	58	33	25	35	54
50 largest companies.....	(X)	40	76	71	71	71	73	74	76	65	45	70	75

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3149.--FOOTWEAR, EXCEPT RUBBER, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	153	183	\$485.8	28.7	\$158.1	25.6	46.9	\$124.9	\$272.5	\$6.4	\$1.5	\$4.9	\$207.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	11	30	26	29	27	27	31	30	8	(D)	(D)	30
8 largest companies.....	(X)	16	42	37	39	38	38	42	40	14	(D)	(D)	43
20 largest companies.....	(X)	25	65	57	61	58	60	63	65	36	(D)	(D)	64
50 largest companies.....	(X)	43	87	83	85	82	84	85	87	73	94	66	87
INDUSTRY 3151.--LEATHER GLOVES AND MITTENS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	95	106	\$98.2	4.9	\$22.1	4.3	7.6	\$17.1	\$43.0	\$0.5	\$0.1	\$0.4	\$55.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	35	23	23	23	23	23	33	58	(D)	(D)	35
8 largest companies.....	(X)	13	50	38	38	38	40	39	49	(D)	(D)	(D)	51
20 largest companies.....	(X)	28	74	65	65	64	65	67	73	74	(D)	(D)	75
50 largest companies.....	(X)	57	95	92	93	91	92	93	95	95	97	95	95
INDUSTRY 3161.--LUGGAGE													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	266	277	\$364.5	17.1	\$106.8	14.3	26.4	\$75.6	\$194.1	\$8.9	\$3.7	\$5.2	\$171.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	39	29	38	27	27	37	40	(D)	(D)	(D)	40
8 largest companies.....	(X)	5	50	40	47	38	38	46	49	74	(D)	(D)	52
20 largest companies.....	(X)	11	65	56	61	55	54	60	63	79	(D)	(D)	67
50 largest companies.....	(X)	22	82	77	80	76	76	80	81	92	94	91	84
INDUSTRY 3171.--WOMEN'S HANDBAGS AND PURSES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	431	444	\$365.0	22.2	\$121.7	19.8	36.6	\$93.2	\$201.5	\$3.7	\$1.2	\$2.5	\$166.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	14	11	13	10	12	11	13	16	13	17	15
8 largest companies.....	(X)	3	23	18	20	17	19	19	21	25	(D)	(D)	25
20 largest companies.....	(X)	7	39	34	35	34	35	35	37	32	26	35	42
50 largest companies.....	(X)	14	61	54	56	53	54	55	58	48	33	56	64
INDUSTRY 3172.--PERSONAL LEATHER GOODS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	238	244	\$242.2	11.5	\$73.4	9.3	16.9	\$45.6	\$143.7	\$2.8	\$1.1	\$1.7	\$103.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	37	32	38	28	29	33	39	32	(D)	(D)	33
8 largest companies.....	(X)	5	47	41	47	38	39	42	49	37	(D)	(D)	45
20 largest companies.....	(X)	10	66	59	64	56	56	60	67	69	84	59	66
50 largest companies.....	(X)	23	84	79	83	77	78	81	84	84	88	81	844
INDUSTRY 3199.--LEATHER GOODS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	433	448	\$161.3	7.2	\$42.5	6.1	11.2	\$29.4	\$84.3	\$2.2	\$0.5	\$1.7	\$81.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	17	14	14	13	14	14	16	17	(D)	(D)	21
8 largest companies.....	(X)	4	26	22	22	22	23	22	24	23	34	19	30
20 largest companies.....	(X)	7	43	37	40	37	38	40	40	52	55	52	48
50 largest companies.....	(X)	14	63	57	59	56	57	59	60	65	68	64	66

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3211.--FLAT GLASS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	11	32	\$937.1	20.9	\$241.9	17.0	37.0	\$194.2	\$662.1	\$95.0	\$11.8	\$83.3	\$281.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	63	92	91	93	91	89	94	92	94	76	97	92
8 largest companies.....	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
INDUSTRY 3221.--GLASS CONTAINERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	27	117	\$2,126.5	72.9	\$659.4	64.5	128.1	\$554.8	\$1,399.7	\$121.1	\$28.7	\$92.4	\$746.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	44	55	55	57	55	54	57	57	40	43	37	53
8 largest companies.....	(X)	71	76	76	77	76	75	78	77	68	60	70	74
20 largest companies.....	(X)	94	98	98	98	98	98	98	98	98	96	98	98
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3229.--PRESSED AND BLOWN GLASS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	211	252	\$1,267.3	45.9	\$398.1	39.3	78.6	\$317.8	\$941.4	\$55.6	\$9.4	\$46.2	\$337.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	13	66	56	60	56	57	60	67	60	60	60	64
8 largest companies.....	(X)	19	82	72	76	72	73	77	82	73	65	75	81
20 largest companies.....	(X)	23	93	86	89	86	86	89	93	93	87	95	93
50 largest companies.....	(X)	36	98	97	98	97	97	98	98	97	94	97	98
INDUSTRY 3231.--PRODUCTS OF PURCHASED GLASS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	842	913	\$1,330.1	33.7	\$296.1	27.0	53.5	\$211.8	\$668.9	\$34.5	\$7.7	\$26.8	\$672.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	43	29	38	29	31	42	41	(D)	(D)	(D)	43
8 largest companies.....	(X)	5	53	37	46	38	39	49	51	53	42	56	54
20 largest companies.....	(X)	7	65	52	60	52	53	62	64	65	59	67	66
50 largest companies.....	(X)	12	77	65	71	65	66	72	76	79	78	80	79
INDUSTRY 3241.--CEMENT, HYDRAULIC													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	75	198	\$1,791.2	30.0	\$349.2	24.3	49.7	\$275.2	\$1,153.5	\$179.5	\$34.5	\$145.0	\$655.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	23	26	25	25	25	25	25	27	21	3	25	25
8 largest companies.....	(X)	41	46	44	44	46	46	46	46	35	22	38	46
20 largest companies.....	(X)	67	79	78	79	80	80	80	80	70	51	75	78
50 largest companies.....	(X)	87	99+	99+	99+	99+	99+	99+	99+	97	99+	97	99+
INDUSTRY 3251.--BRICK AND STRUCTURAL CLAY TILE													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	314	417	\$513.0	24.1	\$168.4	20.4	42.2	\$128.5	\$336.4	\$38.6	\$9.3	\$29.3	\$170.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	17	14	15	15	16	16	18	15	4	18	14
8 largest companies.....	(X)	12	26	21	20	21	22	23	27	37	29	40	25
20 largest companies.....	(X)	19	42	37	37	37	39	39	43	49	42	51	40
50 largest companies.....	(X)	32	64	58	60	58	59	61	65	71	73	70	61

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com-panies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3253.--CERAMIC WALL AND FLOOR TILE													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	64	83	\$175.6	8.3	\$58.5	6.8	14.0	\$43.4	\$112.3	\$7.6	\$1.4	\$6.1	\$65.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	16	56	50	53	50	51	54	57	51	32	55	57
8 largest companies.....	(X)	31	71	64	67	64	66	69	71	76	66	78	71
20 largest companies.....	(X)	46	90	86	87	86	87	88	89	90	77	92	92
50 largest companies.....	(X)	83	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 3255.--CLAY REFRACTORIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	86	156	\$336.0	11.2	\$100.5	8.5	16.6	\$66.3	\$202.1	\$10.8	\$2.1	\$8.7	\$131.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	22	49	46	50	43	47	47	47	37	30	39	54
8 largest companies.....	(X)	33	68	65	69	63	64	66	66	65	60	66	70
20 largest companies.....	(X)	56	89	87	89	87	87	88	89	84	85	84	90
50 largest companies.....	(X)	77	99	98	99	98	98	99	98	99	99	99	99
INDUSTRY 3259.--STRUCTURAL CLAY PRODUCTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	88	119	\$180.7	8.2	\$64.0	6.8	13.5	\$49.5	\$119.8	\$7.0	\$1.4	\$5.7	\$62.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	18	39	41	42	40	40	42	39	49	61	47	36
8 largest companies.....	(X)	25	66	62	64	61	63	64	66	78	79	78	65
20 largest companies.....	(X)	42	88	86	87	86	88	88	89	92	90	93	87
50 largest companies.....	(X)	68	99	97	98	97	98	98	99	98	99	98	99
INDUSTRY 3261.--VITREOUS PLUMBING FIXTURES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	42	59	\$270.0	9.6	\$86.5	8.3	16.5	\$72.5	\$186.8	\$5.8	\$2.4	\$3.5	\$84.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	20	58	51	55	50	50	54	59	35	18	46	56
8 largest companies.....	(X)	39	83	79	83	78	79	83	83	67	72	63	82
20 largest companies.....	(X)	63	98	98	98	98	98	99	99	97	99	96	98
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3262.--VITREOUS CHINA FOOD UTENSILS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	32	34	\$81.9	5.9	\$41.2	4.9	9.3	\$29.3	\$67.4	\$1.8	\$1.4	\$1.5	\$13.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	15	75	69	73	67	66	71	75	58	52	59	70
8 largest companies.....	(X)	29	90	90	91	89	89	92	89	78	65	82	93
20 largest companies.....	(X)	65	99	99	99	99	99	99	99	99	98	99	99
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3263.--FINE EARTHENWARE FOOD UTENSILS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	17	18	\$74.3	6.8	\$41.4	5.7	10.8	\$30.8	\$56.2	\$3.1	\$1.0	\$2.1	\$18.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	28	65	64	65	63	60	64	64	90	97	86	65
8 largest companies.....	(X)	50	90	91	92	91	91	92	90	98	97	98	91
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3264.--PORCELAIN ELECTRICAL SUPPLIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	74	83	\$274.6	13.4	\$114.0	10.9	21.9	\$85.4	\$190.4	\$7.2	\$1.2	\$6.0	\$85.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	12	46	42	45	41	41	46	47	30	15	33	44
8 largest companies.....	(X)	20	70	66	70	65	65	70	70	61	33	66	71
20 largest companies.....	(X)	34	88	83	86	83	83	87	87	85	78	86	88
50 largest companies.....	(X)	71	99	98	98	98	98	99	99	98	98	98	99
INDUSTRY 3269.--POTTERY PRODUCTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	417	426	\$134.0	9.1	\$52.2	7.6	14.8	\$37.6	\$99.9	\$5.2	\$2.2	\$3.0	\$33.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	20	20	23	18	19	20	19	17	10	22	21
8 largest companies.....	(X)	4	35	30	32	28	29	30	34	(D)	(D)	(D)	36
20 largest companies.....	(X)	6	55	51	54	49	50	52	56	60	49	68	52
50 largest companies.....	(X)	14	75	72	76	70	72	75	76	88	95	84	72
INDUSTRY 3271.--CONCRETE BLOCK AND BRICK													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	1,300	1,388	\$855.7	22.8	\$196.0	15.2	31.5	\$115.0	\$438.5	\$46.2	\$7.6	\$38.6	\$421.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	5	4	6	5	5	7	6	4	5	4	5
8 largest companies.....	(X)	2	8	6	8	7	7	9	8	6	8	6	8
20 largest companies.....	(X)	4	14	11	14	12	12	15	14	18	24	16	13
50 largest companies.....	(X)	8	25	21	23	22	23	26	25	25	31	24	24
INDUSTRY 3272.--CONCRETE PRODUCTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	3,198	3,595	\$1,961.4	67.7	\$570.2	53.6	109.9	\$401.0	\$1,190.1	\$96.2	\$25.6	\$70.6	\$786.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	10	7	9	7	7	10	11	12	16	11	10
8 largest companies.....	(X)	2	15	11	12	11	11	14	15	15	17	15	14
20 largest companies.....	(X)	4	24	18	21	19	19	23	24	22	30	20	23
50 largest companies.....	(X)	8	37	30	33	31	32	36	38	33	37	32	35
INDUSTRY 3273.--READY-MIXED CONCRETE													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	3,978	4,915	\$4,050.9	85.7	\$809.3	56.9	114.4	\$497.4	\$1,756.7	\$247.8	\$36.1	\$211.8	\$2,291.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	6	5	6	3	4	4	5	4	6	4	7
8 largest companies.....	(X)	4	10	8	9	6	7	7	9	7	9	7	11
20 largest companies.....	(X)	6	16	14	15	12	13	13	15	15	14	15	17
50 largest companies.....	(X)	9	25	21	23	19	20	21	23	23	19	24	26
INDUSTRY 3274.--LIME													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	68	103	\$238.1	5.7	\$50.0	4.8	10.4	\$38.9	\$129.3	\$39.4	\$2.4	\$37.0	\$109.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	19	37	32	35	33	33	36	37	68	51	69	37
8 largest companies.....	(X)	30	53	51	53	51	51	54	54	80	68	81	52
20 largest companies.....	(X)	48	79	75	78	76	75	79	81	90	79	90	78
50 largest companies.....	(X)	83	99+	99	99+	99	99	99+	99+	99+	97	99+	99+

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3275.--GYPSUM PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	44	114	\$640.3	11.2	\$115.5	9.0	21.1	\$88.7	\$325.1	\$23.3	\$4.7	\$18.7	\$317.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	54	80	77	78	78	79	80	81	65	62	66	78
8 largest companies.....	(X)	65	93	92	92	93	93	94	94	77	64	81	91
20 largest companies.....	(X)	79	99+	99	99	99	99	99	99	99+	99	99+	99+
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3281.--CUT STONE AND STONE PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	874	908	\$304.5	15.0	\$109.2	12.6	24.2	\$84.7	\$191.4	\$12.6	\$4.0	\$8.7	\$117.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	18	14	17	15	16	19	17	7	8	6	21
8 largest companies.....	(X)	3	24	22	24	22	23	25	23	9	10	9	27
20 largest companies.....	(X)	4	35	32	35	32	34	37	35	44	46	43	37
50 largest companies.....	(X)	9	48	44	48	44	46	49	49	56	53	57	50
INDUSTRY 3291.--ABRASIVE PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	335	392	\$888.1	24.5	\$229.4	17.2	33.1	\$138.1	\$529.6	\$17.2	\$3.3	\$13.9	\$361.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	49	47	51	45	46	50	49	46	57	44	49
8 largest companies.....	(X)	8	60	54	59	52	53	57	62	58	73	55	56
20 largest companies.....	(X)	14	74	70	73	68	69	73	76	71	80	69	72
50 largest companies.....	(X)	26	87	84	86	83	84	86	88	82	88	81	86
INDUSTRY 3292.--ASBESTOS PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	88	142	\$763.4	21.0	\$191.0	16.6	34.5	\$142.8	\$426.1	\$20.4	\$2.8	\$17.7	\$343.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	25	50	47	50	47	49	51	49	51	36	54	51
8 largest companies.....	(X)	35	71	64	68	65	66	70	72	71	55	73	71
20 largest companies.....	(X)	49	91	87	89	87	87	89	92	92	90	92	89
50 largest companies.....	(X)	73	99	98	98	99	99	99	99	99	99	99	99
INDUSTRY 3293.--GASKETS, PACKING AND SEALING DEVICES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	346	374	\$665.4	27.7	\$220.4	21.1	42.7	\$146.9	\$428.5	\$24.9	\$6.6	\$18.4	\$252.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	27	22	24	21	22	25	28	22	17	24	27
8 largest companies.....	(X)	6	43	40	43	39	41	44	47	41	31	44	38
20 largest companies.....	(X)	10	60	60	62	60	61	65	64	60	43	67	54
50 largest companies.....	(X)	20	77	79	79	79	80	82	80	81	75	83	74
INDUSTRY 3295.--MINERALS, GROUND OR TREATED													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	345	488	\$412.0	9.5	\$87.9	7.6	16.2	\$64.6	\$237.2	\$30.0	\$4.5	\$25.5	\$177.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	13	25	23	23	23	24	25	26	13	20	12	24
8 largest companies.....	(X)	16	36	31	33	32	33	36	37	17	30	15	35
20 largest companies.....	(X)	24	54	45	49	45	46	50	52	23	35	21	57
50 largest companies.....	(X)	36	75	66	69	66	68	70	74	47	60	45	78

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of--		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com- panies	Estab- lishments		Number	Payroll	Number	Man- hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3296.--MINERAL WOOL													
Total (column c, e, g, h to m in millions, d and f in thousands)...	66	108	\$755.4	18.0	\$172.3	14.7	30.8	\$135.7	\$441.5	\$50.1	\$9.2	\$40.9	\$315.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	22	75	71	73	72	70	76	77	77	73	78	71
8 largest companies.....	(X)	38	89	87	89	88	88	91	90	94	96	94	87
20 largest companies.....	(X)	57	97	96	97	96	96	97	97	98	99	98	96
50 largest companies.....	(X)	85	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 3297.--NONCLAY REFRACTORIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	61	90	\$343.6	8.1	\$78.3	6.0	12.8	\$54.5	\$191.1	\$9.3	\$1.4	\$7.9	\$151.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	14	42	34	36	35	37	37	46	(D)	(D)	(D)	37
8 largest companies.....	(X)	28	65	61	61	63	64	65	66	73	66	75	63
20 largest companies.....	(X)	52	90	89	89	89	89	91	90	89	84	90	90
50 largest companies.....	(X)	88	99+	99+	99+	99+	99+	99+	99+	99+	99	99+	99+
INDUSTRY 3299.--NONMETALLIC MINERAL PRODUCTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	480	491	\$166.5	6.3	\$46.0	5.2	9.9	\$31.9	\$104.7	\$5.0	\$0.9	\$4.1	\$58.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	28	19	22	20	22	24	30	20	15	20	27
8 largest companies.....	(X)	2	36	24	28	24	27	30	37	26	15	28	36
20 largest companies.....	(X)	6	53	42	45	41	43	47	50	46	21	52	54
50 largest companies.....	(X)	12	70	59	63	57	60	64	68	62	35	68	71
INDUSTRY 3312.--BLAST FURNACES AND STEEL MILLS ²													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	241	364	³ \$23,946.7	469.1	\$5,537.8	379.3	739.1	\$4,254.3	\$10,304.7	\$961.2	\$192.6	\$768.6	\$14,022.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	15	50	49	48	49	47	47	45	52	63	50	54
8 largest companies.....	(X)	21	68	68	67	68	67	67	65	70	72	69	71
20 largest companies.....	(X)	30	86	83	83	83	83	84	84	89	92	88	87
50 largest companies.....	(X)	44	96	96	96	96	96	96	96	97	96	97	96
INDUSTRY 3313.--ELECTROMETALLURGICAL PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	27	40	\$550.1	9.5	\$94.1	7.8	15.1	\$71.7	\$217.2	\$26.3	\$3.1	\$23.1	\$335.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	43	74	77	77	77	76	78	79	73	57	75	73
8 largest companies.....	(X)	53	90	89	91	89	89	91	91	94	94	92	91
20 largest companies.....	(X)	83	99+	99+	99+	99+	99+	99+	99+	99	97	99+	99+
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3315.--STEEL WIRE AND RELATED PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	234	289	\$1,227.7	30.6	\$287.9	24.1	49.4	\$202.1	\$583.5	\$26.6	\$4.2	\$22.3	\$657.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	18	20	23	20	21	24	19	26	11	28	16
8 largest companies.....	(X)	10	30	31	34	32	32	35	32	35	24	37	28
20 largest companies.....	(X)	19	52	51	55	51	52	56	55	47	39	49	50
50 largest companies.....	(X)	34	77	75	78	75	76	79	78	72	52	76	76

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab- lishments		Number	Payroll	Number	Man- hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3316.--COLD FINISHING OF STEEL SHAPES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	85	125	\$1,635.7	20.1	\$223.3	15.6	31.8	\$162.3	\$504.6	\$20.6	\$2.7	\$17.9	\$1,144.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	13	40	34	36	35	34	38	38	12	(D)	(D)	42
8 largest companies.....	(X)	23	56	47	50	47	47	51	53	23	22	23	58
20 largest companies.....	(X)	46	82	74	76	73	74	76	79	65	79	63	84
50 largest companies.....	(X)	72	99	98	98	98	98	98	98	97	97	97	99
INDUSTRY 3317.--STEEL PIPE AND TUBES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	115	152	\$1,292.1	23.6	\$245.5	18.8	39.0	\$181.8	\$506.1	\$24.1	\$5.3	\$18.8	\$807.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	23	21	23	21	21	24	23	20	9	23	24
8 largest companies.....	(X)	15	40	35	37	34	35	38	37	32	14	37	42
20 largest companies.....	(X)	32	70	64	68	64	64	69	67	51	40	54	73
50 largest companies.....	(X)	57	92	90	92	89	90	92	92	80	61	86	93
INDUSTRY 3321.--GRAY IRON FOUNDRIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	893	993	\$3,876.5	138.4	\$1,387.4	118.1	245.7	\$1,119.7	\$2,257.0	\$202.5	\$26.0	\$176.5	\$1,639.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	34	27	35	27	30	37	33	47	(D)	(D)	37
8 largest companies.....	(X)	4	45	35	44	35	37	45	42	54	41	55	48
20 largest companies.....	(X)	8	59	46	55	46	48	56	55	63	52	64	64
50 largest companies.....	(X)	12	71	60	68	60	62	68	68	75	65	76	75
INDUSTRY 3322.--MALLEABLE IRON FOUNDRIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	64	73	\$507.9	22.5	\$234.5	18.7	38.1	\$184.3	\$342.6	\$34.9	\$3.9	\$31.0	\$167.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	12	52	42	48	41	43	49	49	63	36	66	56
8 largest companies.....	(X)	18	66	57	64	56	58	63	64	(D)	(D)	74	69
20 largest companies.....	(X)	38	83	78	82	78	78	82	82	85	86	85	85
50 largest companies.....	(X)	81	99	99	99	99	99	99	99	100	100	100	99
INDUSTRY 3324.--STEEL INVESTMENT FOUNDRIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	67	74	\$262.2	11.2	\$93.2	8.6	17.2	\$63.3	\$175.6	\$11.1	\$5.1	\$6.0	\$89.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	56	46	48	42	42	44	57	34	(D)	(D)	56
8 largest companies.....	(X)	16	67	61	62	58	59	60	68	50	(D)	(D)	67
20 largest companies.....	(X)	37	87	83	84	81	81	84	87	92	98	87	86
50 largest companies.....	(X)	77	98	97	98	97	97	98	98	99	100	99	98
INDUSTRY 3325.--STEEL FOUNDRIES, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	225	260	\$1,067.4	46.7	\$440.2	38.5	75.5	\$337.4	\$706.0	\$31.5	\$4.2	\$27.3	\$368.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	24	20	21	20	20	20	23	24	16	25	26
8 largest companies.....	(X)	12	37	31	33	31	30	33	33	34	16	37	42
20 largest companies.....	(X)	19	58	55	56	55	54	57	56	53	29	57	61
50 largest companies.....	(X)	32	79	77	79	77	77	79	78	76	50	80	81

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com-panies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)		(c)	(d)	(e)	(f)	(g)		(h)	(i)	(j)		(k)	(l)	(m)
Total (columns c, e, g, h to m in millions, d and f in thousands)... Percent of above totals accounted for by-- 4 largest companies..... 8 largest companies..... 20 largest companies..... 50 largest companies.....	INDUSTRY 3331.--PRIMARY COPPER ²												
	11	31	³ \$2,771.1	17.2	\$173.2	14.4	28.7	\$138.2	\$487.8	\$119.7	\$28.9	\$90.7	\$2,298.5
	(X)	61	74	68	68	68	67	67	72	43	75	33	75
	(X)	90	98	98	97	97	97	97	(D)	99	(D)	99+	98
	(X)	100	100	100	100	100	100	100	100	100	100	100	100
	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	INDUSTRY 3332.--PRIMARY LEAD ²												
	12	16	³ \$460.9	2.8	\$26.5	2.3	4.6	\$20.2	\$128.7	\$5.7	\$2.1	\$3.7	\$366.5
	(X)	44	88	86	88	87	88	89	93	(D)	(D)	93	88
	(X)	75	(D)	97	97	97	97	98	99+	(D)	(D)	(D)	(D)
(X)	94	100	100	100	100	100	100	100	(D)	100	(D)	100	
(X)	100	(X)	(X)	(X)	(X)	(X)	(X)	(X)	100	(X)	100	(X)	
Total (columns c, e, g, h to m in millions, d and f in thousands)... Percent of above totals accounted for by-- 4 largest companies..... 8 largest companies..... 20 largest companies..... 50 largest companies.....	INDUSTRY 3333.--PRIMARY ZINC												
	11	15	\$376.4	6.3	\$59.3	5.2	10.5	\$45.2	\$121.6	\$9.8	\$0.4	\$9.4	\$255.6
	(X)	33	66	65	71	65	67	70	68	(D)	(D)	(D)	65
	(X)	80	(D)	98	98	98	98	98	96	(D)	(D)	(D)	(D)
	(X)	100	100	100	100	100	100	100	100	100	100	100	100
	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	INDUSTRY 3334.--PRIMARY ALUMINUM												
	12	31	\$1,959.8	25.6	\$296.2	20.0	39.2	\$219.8	\$816.0	\$136.5	\$37.1	\$99.4	\$1,080.6
	(X)	65	79	78	79	80	79	81	83	42	(D)	(D)	74
	(X)	87	92	92	92	93	92	92	92	98	99	97	92
(X)	100	100	100	100	100	100	100	100	100	100	100	100	
(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
Total (columns c, e, g, h to m in millions, d and f in thousands)... Percent of above totals accounted for by-- 4 largest companies..... 8 largest companies..... 20 largest companies..... 50 largest companies.....	INDUSTRY 3339.--PRIMARY NONFERROUS METALS, N.E.C.												
	72	84	\$395.9	6.7	\$71.7	4.7	9.1	\$42.4	\$151.5	\$20.6	\$2.2	\$18.3	\$240.8
	(X)	8	49	60	62	59	57	60	62	(D)	32	(D)	41
	(X)	16	70	73	75	71	71	72	72	70	46	73	69
	(X)	35	92	90	93	99	95	92	97	90	64	93	91
	(X)	74	99+	99+	99+	99+	99+	99+	99+	99+	99	99+	99+
	INDUSTRY 3341.--SECONDARY NONFERROUS METALS												
	324	381	\$2,097.2	17.8	\$170.1	13.1	26.6	\$108.2	\$410.9	\$34.8	\$8.6	\$26.2	\$1,685.0
	(X)	6	24	18	19	18	18	20	19	8	2	9	26
	(X)	11	40	31	32	31	30	33	29	13	3	16	42
(X)	17	62	50	52	49	50	52	50	35	31	36	65	
(X)	27	81	72	74	72	73	75	74	74	75	74	82	

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com- panies	Estab- lishments		Number	Payroll	Number	Man- hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3351.--COPPER ROLLING AND DRAWING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	103	149	\$3,098.8	37.8	\$383.7	29.9	63.2	\$288.4	\$800.3	\$65.3	\$16.5	\$48.8	\$2,313.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	15	39	34	33	34	34	35	33	18	21	17	41
8 largest companies.....	(X)	25	61	54	55	54	53	56	52	(D)	(D)	40	64
20 largest companies.....	(X)	39	83	74	76	75	75	78	77	68	59	71	85
50 largest companies.....	(X)	64	97	94	95	94	94	95	96	97	98	97	97
INDUSTRY 3353.--ALUMINUM SHEET, PLATE, AND FOIL													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	24	50	\$2,685.2	31.3	\$370.7	24.5	51.8	\$281.5	\$692.3	\$90.3	\$19.4	\$70.9	\$2,017.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	36	69	66	69	68	67	71	73	61	(D)	59	68
8 largest companies.....	(X)	54	84	81	83	82	82	84	88	66	73	64	83
20 largest companies.....	(X)	92	99+	99+	99+	99+	99+	99+	99+	99+	(D)	99+	99+
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3354.--ALUMINUM EXTRUDED PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	133	180	\$1,078.3	27.7	\$239.2	22.1	45.4	\$174.1	\$427.6	\$32.6	\$6.9	\$25.7	\$662.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	42	43	47	42	42	47	42	29	18	32	42
8 largest companies.....	(X)	18	56	54	58	53	53	58	54	37	27	40	56
20 largest companies.....	(X)	31	76	73	76	72	73	76	76	71	76	70	76
50 largest companies.....	(X)	53	93	91	93	90	92	93	94	83	85	83	93
INDUSTRY 3355.--ALUMINUM ROLLING AND DRAWING, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	14	16	\$343.4	4.6	\$48.0	3.6	7.2	\$35.1	\$57.3	\$9.2	\$1.7	\$7.5	\$272.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	31	73	71	77	71	70	78	65	(D)	(D)	(D)	74
8 largest companies.....	(X)	63	96	93	94	93	92	94	87	99+	99	99	97
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
INDUSTRY 3356.--NONFERROUS ROLLING AND DRAWING, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	136	167	\$1,244.6	18.1	\$184.2	12.7	25.8	\$114.1	\$374.1	\$24.3	\$4.1	\$20.2	\$892.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	43	29	31	28	28	30	35	15	(D)	(D)	47
8 largest companies.....	(X)	13	59	46	48	44	44	48	54	38	(D)	(D)	61
20 largest companies.....	(X)	26	82	72	76	70	71	75	79	61	(D)	(D)	83
50 largest companies.....	(X)	44	95	91	93	91	91	93	93	89	78	91	96
INDUSTRY 3357.--NONFERROUS WIREDRAWING AND INSULATING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	202	341	\$4,412.3	68.8	\$645.6	52.9	110.4	\$452.2	\$1,448.0	\$149.7	\$21.6	\$128.1	\$2,984.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	16	41	34	33	34	33	30	41	(D)	37	(D)	41
8 largest companies.....	(X)	26	58	47	51	47	47	52	55	63	45	66	59
20 largest companies.....	(X)	41	80	71	73	72	72	75	77	79	63	81	81
50 largest companies.....	(X)	53	92	87	89	87	88	90	90	95	90	95	94

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com-panies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3361.--ALUMINUM FOUNDRIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	973	1,005	\$1,269.9	45.7	\$417.9	38.6	76.8	\$321.9	\$718.3	\$38.8	\$5.8	\$33.0	\$558.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	23	16	21	16	16	22	20	27	2	31	27
8 largest companies.....	(X)	2	30	22	27	22	22	29	27	31	5	36	33
20 largest companies.....	(X)	4	42	33	39	32	33	40	39	41	10	47	46
50 largest companies.....	(X)	8	58	48	54	47	48	55	55	58	32	62	61
INDUSTRY 3362.--BRASS, BRONZE, AND COPPER FOUNDRIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	490	507	\$465.3	15.4	\$129.6	13.0	25.7	\$96.3	\$236.9	\$17.4	\$4.3	\$13.1	\$229.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	20	16	18	16	17	18	18	19	14	20	20
8 largest companies.....	(X)	4	28	25	28	25	25	28	28	29	(D)	(D)	28
20 largest companies.....	(X)	7	42	38	41	37	37	41	41	47	44	48	43
50 largest companies.....	(X)	13	60	54	57	53	54	57	59	63	57	65	62
INDUSTRY 3369.--NONFERROUS FOUNDRIES, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	324	329	\$588.6	20.3	\$174.0	16.9	34.4	\$130.4	\$314.0	\$17.3	\$3.4	\$13.8	\$276.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	25	24	28	23	24	30	28	32	37	31	22
8 largest companies.....	(X)	3	35	31	36	30	31	38	36	37	38	37	35
20 largest companies.....	(X)	7	52	47	52	46	48	54	52	51	55	50	53
50 largest companies.....	(X)	16	71	65	69	64	65	70	70	71	75	70	73
INDUSTRY 3398.--METAL HEAT TREATING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	885	952	\$467.4	17.2	\$157.3	13.4	27.4	\$106.6	\$310.6	\$23.1	\$4.5	\$18.6	\$159.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	16	6	7	7	6	8	10	5	5	5	27
8 largest companies.....	(X)	2	24	11	11	11	11	13	16	8	6	8	40
20 largest companies.....	(X)	5	35	22	24	21	21	24	28	16	20	15	50
50 largest companies.....	(X)	10	48	36	39	36	37	40	41	33	35	33	61
INDUSTRY 3399.--PRIMARY METAL PRODUCTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	129	168	\$348.3	7.9	\$75.5	6.0	12.2	\$50.7	\$165.0	\$26.9	\$3.6	\$23.3	\$184.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	17	26	21	27	21	21	30	28	11	2	13	24
8 largest companies.....	(X)	23	40	30	37	31	32	40	39	51	(D)	(D)	40
20 largest companies.....	(X)	33	62	49	55	49	50	57	60	72	56	74	64
50 largest companies.....	(X)	52	85	73	77	73	74	79	82	90	79	91	88
INDUSTRY 3411.--METAL CANS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	134	396	\$4,510.8	68.5	\$740.7	58.7	123.7	\$611.3	\$1,815.8	\$138.1	\$12.2	\$125.9	\$2,711.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	46	66	64	68	65	66	69	64	58	33	60	67
8 largest companies.....	(X)	54	79	74	78	75	75	80	78	66	42	69	80
20 largest companies.....	(X)	67	92	88	90	88	88	91	91	83	71	85	92
50 largest companies.....	(X)	78	99	97	98	97	98	98	99	97	95	97	99

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3412.--METAL BARRELS, DRUMS, AND PAILS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	99	157	\$461.3	10,2	\$98.9	8.1	16.7	\$71.2	\$188.8	\$8.4	\$0.8	\$7.5	\$273.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	27	38	35	39	35	37	41	35	37	32	37	40
8 largest companies.....	(X)	34	52	47	53	48	51	55	48	46	36	48	54
20 largest companies.....	(X)	46	75	71	75	71	73	76	73	67	49	69	75
50 largest companies.....	(X)	68	97	95	97	95	96	97	97	95	89	95	97
INDUSTRY 3421.--CUTLERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	123	134	\$427.5	13.4	\$102.6	10.9	22.3	\$73.0	\$322.3	\$11.7	\$1.8	\$9.9	\$112.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	55	35	39	34	35	38	61	67	60	68	37
8 largest companies.....	(X)	10	67	54	58	53	56	58	73	74	77	74	52
20 largest companies.....	(X)	19	83	73	76	72	73	76	85	83	83	82	77
50 largest companies.....	(X)	45	97	94	95	94	94	95	97	97	96	97	96
INDUSTRY 3423.--HAND AND EDGE TOOLS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	582	626	\$1,233.1	39.3	\$343.0	31.1	62.0	\$240.7	\$780.0	\$33.5	\$6.4	\$27.1	\$473.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	23	17	18	17	17	18	23	15	(D)	(D)	24
8 largest companies.....	(X)	4	39	30	33	29	29	32	39	24	10	27	38
20 largest companies.....	(X)	7	58	50	54	49	49	53	57	43	32	46	60
50 largest companies.....	(X)	14	77	71	73	70	71	74	77	77	70	78	78
INDUSTRY 3425.--HANDSAWS AND SAW BLADES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	81	91	\$194.4	6.6	\$56.7	4.9	9.9	\$37.5	\$127.5	\$6.4	\$0.7	\$5.7	\$70.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	13	51	50	51	48	49	49	51	39	11	43	51
8 largest companies.....	(X)	20	74	66	68	66	66	68	74	55	20	59	73
20 largest companies.....	(X)	33	88	82	85	82	83	84	88	87	91	87	88
50 largest companies.....	(X)	66	98	97	97	96	97	97	98	98	96	98	98
INDUSTRY 3429.--HARDWARE, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	963	1,053	\$3,239.4	99.9	\$902.6	78.8	159.9	\$633.2	\$2,023.6	\$91.4	\$22.4	\$69.0	\$1,263.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	35	26	33	26	26	36	35	25	16	27	34
8 largest companies.....	(X)	3	43	34	41	35	36	44	45	37	42	36	40
20 largest companies.....	(X)	5	57	50	56	50	51	58	59	56	53	57	52
50 largest companies.....	(X)	10	71	65	70	65	66	72	73	73	73	73	68
INDUSTRY 3431.--METAL SANITARY WARE													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	86	96	\$370.2	11.2	\$104.4	9.2	18.5	\$81.4	\$208.2	\$8.2	\$1.7	\$6.5	\$163.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	49	48	52	50	51	57	56	32	13	36	40
8 largest companies.....	(X)	16	67	65	69	67	68	74	70	62	(D)	(D)	63
20 largest companies.....	(X)	28	87	86	89	86	87	90	88	75	42	83	86
50 largest companies.....	(X)	62	99	99	99	99	99	99	99	93	69	99	99

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3432.--PLUMBING FITTINGS AND BRASS GOODS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	211	230	\$708.2	18.6	\$151.5	14.3	29.2	\$99.1	\$361.8	\$19.0	\$6.8	\$12.2	\$358.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	26	21	23	19	21	19	26	26	34	21	27
8 largest companies.....	(X)	10	42	38	38	36	38	35	42	52	(D)	(D)	41
20 largest companies.....	(X)	16	66	62	64	60	62	63	66	73	82	67	66
50 largest companies.....	(X)	30	88	86	87	86	88	87	88	90	93	88	88
INDUSTRY 3433.--HEATING EQUIPMENT, EXCEPT ELECTRIC													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	409	432	\$1,058.4	30.9	\$268.0	22.0	43.2	\$164.5	\$561.6	\$24.5	\$6.6	\$18.0	\$518.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	22	21	24	22	23	26	21	(D)	(D)	(D)	22
8 largest companies.....	(X)	3	31	30	31	31	32	34	32	39	20	46	32
20 largest companies.....	(X)	7	48	46	49	47	48	51	50	51	34	57	49
50 largest companies.....	(X)	15	70	67	69	67	68	70	72	75	67	78	72
INDUSTRY 3441.--FABRICATED STRUCTURAL METAL													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	2,010	2,154	\$3,920.1	104.3	\$975.5	76.9	152.3	\$635.4	\$1,730.7	\$74.7	\$22.2	\$52.5	\$2,199.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	10	9	10	9	9	10	6	6	7	6	11
8 largest companies.....	(X)	2	14	14	14	13	13	14	12	12	16	10	15
20 largest companies.....	(X)	3	23	20	21	20	20	21	20	20	24	18	25
50 largest companies.....	(X)	8	36	32	32	32	32	33	32	34	37	33	38
INDUSTRY 3442.--METAL DOORS, SASH, AND TRIM													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,391	1,558	\$2,077.6	70.7	\$520.8	53.0	104.2	\$330.3	\$1,003.7	\$52.1	\$17.9	\$34.2	\$1,085.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	12	10	10	10	9	9	11	10	(D)	(D)	13
8 largest companies.....	(X)	3	19	14	14	14	15	14	17	14	12	14	20
20 largest companies.....	(X)	6	33	29	29	29	30	30	32	25	18	28	34
50 largest companies.....	(X)	10	50	46	47	47	48	48	48	46	34	53	51
INDUSTRY 3443.--FABRICATED PLATEWORK (BOILER SHOPS)													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,349	1,486	\$3,339.0	93.0	\$893.5	67.9	133.5	\$593.2	\$1,758.7	\$77.3	\$24.7	\$52.6	\$1,633.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	29	24	24	23	22	24	30	(D)	(D)	(D)	28
8 largest companies.....	(X)	3	35	28	30	28	27	29	36	25	(D)	(D)	35
20 largest companies.....	(X)	6	46	37	39	36	36	38	46	38	22	45	46
50 largest companies.....	(X)	10	58	49	51	48	48	50	58	46	29	53	59
INDUSTRY 3444.--SHEET METALWORK													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	2,959	3,117	\$2,680.0	74.0	\$678.5	55.4	108.3	\$453.6	\$1,299.9	\$59.0	\$16.7	\$42.3	\$1,399.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	9	4	5	4	4	4	11	13	(D)	(D)	12
8 largest companies.....	(X)	2	15	7	11	6	7	7	10	17	15	17	19
20 largest companies.....	(X)	3	24	14	15	13	14	15	18	24	23	25	29
50 largest companies.....	(X)	5	36	25	26	24	25	26	30	39	44	37	42

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3446.--ARCHITECTURAL METALWORK													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,431	1,459	\$573.7	20.9	\$175.4	15.6	29.5	\$108.7	\$311.8	\$17.0	\$6.5	\$10.5	\$269.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	14	11	11	11	11	11	10	10	6	12	19
8 largest companies.....	(X)	2	21	16	16	15	16	16	17	14	(D)	(D)	26
20 largest companies.....	(X)	3	33	27	27	26	26	26	29	25	19	29	39
50 largest companies.....	(X)	5	48	40	42	38	40	42	45	41	38	42	52
INDUSTRY 3448.--PREFABRICATED METAL BUILDINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	145	159	\$608.9	12.5	\$109.4	8.9	17.5	\$68.6	\$275.9	\$11.3	\$3.5	\$7.8	\$338.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	35	23	24	27	26	29	35	22	7	29	34
8 largest companies.....	(X)	12	52	40	41	40	40	42	55	39	28	43	50
20 largest companies.....	(X)	21	76	64	66	63	64	67	75	63	44	72	76
50 largest companies.....	(X)	40	93	87	88	86	87	89	92	84	65	92	93
INDUSTRY 3449.--MISCELLANEOUS METALWORK													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	332	418	\$980.4	19.5	\$178.8	13.1	25.6	\$102.2	\$362.2	\$26.2	\$9.6	\$16.5	\$619.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	27	20	21	20	20	21	22	(D)	(D)	10	30
8 largest companies.....	(X)	15	41	34	35	34	35	37	36	40	(D)	(D)	43
20 largest companies.....	(X)	23	60	51	53	49	50	53	56	60	68	56	61
50 largest companies.....	(X)	32	79	70	74	69	71	75	76	76	80	74	80
INDUSTRY 3451.--SCREW MACHINE PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,780	1,804	\$1,063.8	40.5	\$357.3	33.2	68.2	\$257.9	\$648.5	\$33.2	\$5.0	\$28.3	\$424.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	6	5	6	5	5	5	6	6	6	6	7
8 largest companies.....	(X)	1	9	8	9	7	7	8	9	(D)	(D)	(D)	9
20 largest companies.....	(X)	2	16	13	15	12	13	14	15	13	15	12	17
50 largest companies.....	(X)	4	26	22	24	21	22	23	25	32	19	34	28
INDUSTRY 3452.--BOLTS, NUTS, RIVETS, AND WASHERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	581	678	\$2,027.6	60.1	\$590.7	46.0	96.6	\$407.7	\$1,196.8	\$55.7	\$9.7	\$46.0	\$851.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	16	15	15	15	15	15	16	14	18	13	17
8 largest companies.....	(X)	6	25	25	25	25	26	27	26	26	27	26	24
20 largest companies.....	(X)	11	42	42	43	42	43	45	44	41	44	41	41
50 largest companies.....	(X)	19	66	65	67	65	66	68	67	67	70	67	64
INDUSTRY 3462.--IRON AND STEEL FORGINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	252	280	\$1,416.1	34.3	\$387.2	27.8	55.2	\$299.5	\$661.8	\$28.1	\$4.3	\$23.9	\$761.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	29	27	31	26	26	32	27	30	32	30	31
8 largest companies.....	(X)	6	40	37	41	37	37	42	37	38	37	39	43
20 largest companies.....	(X)	12	57	54	57	55	54	59	54	54	47	55	59
50 largest companies.....	(X)	28	79	75	78	76	76	79	77	82	78	83	81

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Com- panies	Estab- lishments		Number	Payroll	Number	Man- hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3463.--NONFERROUS FORGINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	40	46	\$222.5	5.8	\$63.7	4.5	9.0	\$45.4	\$104.0	\$7.0	\$1.3	\$5.7	\$118.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	15	71	65	69	63	61	69	68	38	43	37	72
8 largest companies.....	(X)	26	81	73	79	72	71	79	79	71	(D)	(D)	82
20 largest companies.....	(X)	56	96	94	95	94	95	96	95	90	84	92	96
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	99
INDUSTRY 3465.--AUTOMOTIVE STAMPINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	388	453	\$5,286.0	123.3	\$1,485.4	103.0	217.5	\$1,174.6	\$2,663.8	\$117.5	\$12.9	\$104.6	\$2,624.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	69	62	72	63	64	74	70	63	41	65	67
8 largest companies.....	(X)	7	72	65	74	66	67	76	73	65	46	67	71
20 largest companies.....	(X)	13	79	73	80	74	75	82	80	69	55	71	79
50 largest companies.....	(X)	24	87	83	87	83	84	89	87	82	73	83	87
INDUSTRY 3466.--CROWNS AND CLOSURES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	42	53	\$343.5	8.1	\$74.1	6.7	13.4	\$55.1	\$166.7	\$8.3	\$1.4	\$6.9	\$180.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	19	49	43	47	42	42	46	52	30	12	33	46
8 largest companies.....	(X)	28	72	66	70	66	65	71	72	57	(D)	(D)	71
20 largest companies.....	(X)	58	92	90	92	90	90	92	91	92	96	92	93
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	99
INDUSTRY 3469.--METAL STAMPINGS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	2,283	2,356	\$2,688.8	92.0	\$781.0	74.2	146.5	\$554.8	\$1,461.0	\$76.7	\$13.0	\$63.7	\$1,247.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	9	7	7	7	6	7	8	5	2	6	10
8 largest companies.....	(X)	1	14	11	11	11	10	12	13	9	4	10	16
20 largest companies.....	(X)	2	23	19	18	19	18	19	22	15	6	17	25
50 largest companies.....	(X)	4	36	29	29	29	29	29	34	26	16	28	40
INDUSTRY 3471.--PLATING AND POLISHING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	3,179	3,264	\$1,034.5	54.6	\$403.1	45.2	89.2	\$289.5	\$741.2	\$40.2	\$7.5	\$32.7	\$294.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	5	3	3	3	3	3	5	2	(D)	(D)	4
8 largest companies.....	(X)	1	8	6	6	5	6	6	8	5	3	6	10
20 largest companies.....	(X)	2	15	10	11	10	11	11	14	13	17	12	19
50 largest companies.....	(X)	3	24	17	18	17	18	18	22	25	23	25	28
INDUSTRY 3479.--METAL COATING AND ALLIED SERVICES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,427	1,497	\$701.8	27.6	\$221.1	22.5	43.5	\$155.8	\$379.2	\$24.0	\$4.7	\$19.3	\$328.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	15	9	10	8	9	10	13	8	10	7	17
8 largest companies.....	(X)	1	23	12	14	12	12	14	18	11	10	11	30
20 largest companies.....	(X)	3	36	20	24	19	21	25	29	34	25	37	44
50 largest companies.....	(X)	6	49	33	36	32	34	37	43	45	31	48	57

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3482.--SMALL ARMS AMMUNITION													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	57	62	\$438.0	13.9	\$129.3	10.4	21.0	\$88.3	\$228.6	\$10.8	\$3.5	\$7.3	\$218.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	13	89	87	91	87	88	91	89	79	83	78	89
8 largest companies.....	(X)	19	95	93	95	93	94	95	95	86	92	83	95
20 largest companies.....	(X)	40	99	98	99	99	99	99	99	98	99	97	99
50 largest companies.....	(X)	89	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 3483.--AMMUNITION, EXCEPT FOR SMALL ARMS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	78	95	\$1,477.9	54.9	\$479.1	36.8	73.2	\$277.3	\$655.5	\$24.5	\$11.1	\$13.4	\$826.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	44	32	40	28	29	34	47	19	(D)	(D)	43
8 largest companies.....	(X)	19	62	57	60	53	51	56	63	46	(D)	(D)	63
20 largest companies.....	(X)	36	85	81	85	80	80	83	84	83	85	82	86
50 largest companies.....	(X)	70	99	99	99	98	98	99	99	99	99	98	99+
INDUSTRY 3484.--SMALL ARMS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	75	82	\$393.5	16.1	\$152.1	11.5	23.1	\$100.5	\$278.6	\$11.3	\$1.6	\$9.7	\$122.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	53	51	58	46	45	50	53	67	35	72	52
8 largest companies.....	(X)	16	74	75	78	71	71	76	75	77	42	83	73
20 largest companies.....	(X)	33	96	95	96	95	96	97	96	96	95	96	96
50 largest companies.....	(X)	69	99+	99	99+	99	99+	99+	99+	99+	99	99+	99+
INDUSTRY 3489.--ORDNANCE AND ACCESSORIES, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	75	76	\$477.7	24.6	\$254.8	14.5	27.5	\$124.8	\$344.6	\$15.0	\$6.6	\$8.4	\$133.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	54	63	68	59	59	66	61	9	1	17	27
8 largest companies.....	(X)	12	76	81	87	74	74	82	84	(D)	(D)	(D)	59
20 largest companies.....	(X)	28	93	93	95	90	91	94	95	77	75	79	88
50 largest companies.....	(X)	67	99+	99+	99+	99+	99+	99+	99+	90	77	99+	99+
INDUSTRY 3493.--STEEL SPRINGS, EXCEPT WIRE													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	99	110	\$331.4	8.5	\$79.9	6.7	13.3	\$56.9	\$149.7	\$6.6	\$1.5	\$5.1	\$183.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	45	41	39	43	44	41	41	24	6	29	49
8 largest companies.....	(X)	13	62	55	55	56	56	57	59	47	39	50	64
20 largest companies.....	(X)	28	86	84	84	84	84	85	83	79	66	83	88
50 largest companies.....	(X)	55	98	97	98	96	96	97	98	98	96	99	99
INDUSTRY 3494.--VALVES AND PIPE FITTINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	643	780	\$2,956.9	94.3	\$879.9	65.6	131.3	\$547.2	\$1,751.2	\$79.0	\$16.4	\$62.6	\$1,246.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	11	13	14	13	12	13	11	10	11	10	11
8 largest companies.....	(X)	6	21	22	23	22	22	23	22	18	16	19	19
20 largest companies.....	(X)	13	41	41	41	42	42	43	41	35	33	35	40
50 largest companies.....	(X)	21	63	63	63	64	64	66	64	57	42	61	62

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3495.--WIRE SPRINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	206	284	\$611.9	23.7	\$193.2	19.8	40.0	\$144.5	\$340.7	\$12.9	\$2.5	\$10.4	\$273.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	11	26	23	23	22	22	23	26	27	14	30	27
8 largest companies.....	(X)	15	38	35	36	35	35	37	38	38	33	40	38
20 largest companies.....	(X)	26	60	55	57	55	56	58	58	55	61	53	62
50 largest companies.....	(X)	43	80	76	77	76	77	79	78	75	84	72	82
INDUSTRY 3496.--MISCELLANEOUS FABRICATED WIRE PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,157	1,211	\$959.7	33.2	\$261.4	26.5	51.7	\$177.3	\$504.4	\$28.9	\$6.3	\$22.6	\$462.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	11	8	10	8	8	11	9	4	1	5	14
8 largest companies.....	(X)	1	17	13	15	12	13	16	15	9	(D)	(D)	20
20 largest companies.....	(X)	3	29	22	26	22	23	27	28	26	21	28	31
50 largest companies.....	(X)	7	47	38	43	37	38	43	45	41	37	43	49
INDUSTRY 3497.--METAL FOIL AND LEAF													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	54	63	\$282.0	5.4	\$51.9	3.9	8.1	\$33.2	\$126.5	\$8.2	\$2.7	\$5.5	\$157.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	45	39	43	39	39	45	41	(D)	(D)	29	48
8 largest companies.....	(X)	16	61	51	54	52	52	58	56	59	(D)	(D)	66
20 largest companies.....	(X)	44	86	83	83	82	82	82	86	80	88	76	86
50 largest companies.....	(X)	94	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 3498.--FABRICATED PIPE AND FITTINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	374	423	\$704.4	17.5	\$164.7	13.2	25.9	\$112.4	\$363.1	\$14.7	\$3.6	\$11.1	\$352.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	21	16	15	16	17	16	21	(D)	(D)	(D)	21
8 largest companies.....	(X)	7	32	25	27	26	27	30	31	25	11	29	33
20 largest companies.....	(X)	12	54	44	47	42	42	47	53	51	41	54	55
50 largest companies.....	(X)	23	73	64	66	63	64	67	71	73	74	72	75
INDUSTRY 3499.--FABRICATED METAL PRODUCTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	2,255	2,343	\$1,938.6	61.8	\$510.7	47.2	92.2	\$337.7	\$1,047.4	\$61.8	\$16.5	\$45.4	\$896.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	16	8	10	8	8	10	16	8	10	7	16
8 largest companies.....	(X)	2	22	13	15	13	13	15	22	27	29	27	22
20 largest companies.....	(X)	3	33	23	27	22	23	27	33	34	36	34	34
50 largest companies.....	(X)	5	47	35	38	33	34	38	45	42	43	42	49
INDUSTRY 3511.--TURBINES AND TURBINE GENERATOR SETS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	59	75	\$2,189.0	46.2	\$548.9	28.8	59.2	\$299.1	\$1,225.3	\$93.5	\$16.5	\$77.0	\$968.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	24	90	84	85	84	83	86	91	92	93	92	90
8 largest companies.....	(X)	32	96	95	95	95	95	96	97	98	98	97	96
20 largest companies.....	(X)	48	99	98	99	98	98	99	99+	99	99	99	99
50 largest companies.....	(X)	88	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3519.--INTERNAL COMBUSTION ENGINES, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	145	179	\$3,326.1	70.0	\$773.1	52.3	104.6	\$535.6	\$1,677.4	\$94.6	\$28.2	\$66.4	\$1,751.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	50	41	44	40	40	42	51	62	79	55	52
8 largest companies.....	(X)	12	70	65	68	65	66	69	71	73	86	68	71
20 largest companies.....	(X)	24	92	88	90	87	88	90	91	89	94	87	93
50 largest companies.....	(X)	45	99	98	98	98	98	98	99	98	98	98	99
INDUSTRY 3523.--FARM MACHINERY AND EQUIPMENT													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,465	1,547	\$4,529.7	104.6	\$1,045.4	79.9	157.1	\$732.2	\$2,247.5	\$115.8	\$27.2	\$88.6	\$2,400.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	47	40	50	42	42	54	49	53	20	63	46
8 largest companies.....	(X)	2	61	49	61	50	51	64	60	57	(D)	(D)	62
20 largest companies.....	(X)	3	69	59	69	59	60	71	69	67	42	75	70
50 largest companies.....	(X)	7	78	68	76	68	69	78	78	78	65	82	78
INDUSTRY 3524.--LAWN AND GARDEN EQUIPMENT													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	100	110	\$1,059.1	20.7	\$165.5	15.1	29.3	\$108.3	\$453.2	\$47.6	\$13.9	\$33.7	\$652.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	34	29	29	26	26	30	36	(D)	(D)	(D)	35
8 largest companies.....	(X)	13	53	46	47	43	43	47	55	82	86	80	52
20 largest companies.....	(X)	25	78	72	74	70	71	75	79	92	93	92	77
50 largest companies.....	(X)	53	95	93	93	93	93	94	96	98	99	98	95
INDUSTRY 3531.--CONSTRUCTION MACHINERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	644	748	\$6,091.0	133.8	\$1,460.2	98.2	197.4	\$997.0	\$3,130.7	\$159.5	\$28.8	\$130.7	\$3,055.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	43	37	42	39	39	45	46	57	(D)	(D)	39
8 largest companies.....	(X)	5	54	48	53	50	50	56	57	68	50	72	51
20 largest companies.....	(X)	11	72	65	70	66	66	72	72	80	68	82	71
50 largest companies.....	(X)	18	86	80	83	81	81	85	85	88	79	90	86
INDUSTRY 3532.--MINING MACHINERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	220	240	\$771.4	21.4	\$197.5	14.3	27.4	\$118.9	\$393.2	\$13.4	\$3.2	\$10.2	\$389.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	41	36	38	34	35	37	39	34	40	32	43
8 largest companies.....	(X)	7	55	51	52	49	48	52	55	56	64	54	54
20 largest companies.....	(X)	15	72	68	69	66	65	68	70	69	70	69	74
50 largest companies.....	(X)	29	89	85	86	84	85	86	88	87	87	86	89
INDUSTRY 3533.--OILFIELD MACHINERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	257	314	\$1,207.1	35.8	\$356.6	24.3	49.8	\$216.8	\$784.9	\$48.0	\$8.9	\$39.1	\$460.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	28	29	32	30	29	33	30	41	29	43	26
8 largest companies.....	(X)	9	42	42	44	43	42	46	47	(D)	(D)	(D)	36
20 largest companies.....	(X)	18	64	63	65	62	62	67	67	63	55	64	60
50 largest companies.....	(X)	30	90	88	89	88	88	89	91	92	92	92	88

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3534.--ELEVATORS AND MOVING STAIRWAYS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	135	154	\$483.6	15.0	\$144.5	8.6	17.2	\$73.7	\$310.2	\$7.8	\$2.9	\$4.9	\$181.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	55	50	49	48	47	48	60	71	82	65	46
8 largest companies.....	(X)	16	68	65	63	64	63	62	69	81	87	77	68
20 largest companies.....	(X)	25	82	79	78	78	78	78	83	87	91	85	80
50 largest companies.....	(X)	45	94	92	93	92	92	92	94	95	96	95	94
INDUSTRY 3535.--CONVEYORS AND CONVEYING EQUIPMENT													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	457	494	\$969.8	27.3	\$276.2	16.5	32.7	\$139.4	\$541.7	\$13.2	\$4.3	\$8.9	\$431.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	22	20	22	17	17	17	23	13	13	13	20
8 largest companies.....	(X)	5	32	29	31	24	24	25	34	25	25	25	30
20 largest companies.....	(X)	8	50	46	48	42	42	42	49	41	30	46	49
50 largest companies.....	(X)	16	69	65	66	61	62	62	69	56	43	62	69
INDUSTRY 3536.--HOISTS, CRANES, AND MONORAILS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	176	188	\$527.3	16.3	\$160.9	10.7	20.8	\$96.2	\$274.7	\$13.8	\$6.8	\$7.0	\$251.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	30	35	36	34	33	38	31	13	4	21	29
8 largest companies.....	(X)	6	46	49	51	48	48	51	46	(D)	(D)	63	45
20 largest companies.....	(X)	16	71	74	75	71	71	74	70	82	86	77	72
50 largest companies.....	(X)	33	89	89	89	88	88	89	89	95	96	93	89
INDUSTRY 3537.--INDUSTRIAL TRUCKS AND TRACTORS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	363	380	\$1,035.4	25.8	\$259.5	16.8	32.9	\$148.3	\$524.7	\$19.7	\$3.8	\$15.9	\$519.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	50	42	47	37	38	45	50	49	32	53	50
8 largest companies.....	(X)	5	65	57	63	52	52	60	67	69	(D)	(D)	64
20 largest companies.....	(X)	8	77	70	75	66	67	72	77	77	71	79	78
50 largest companies.....	(X)	17	88	83	86	80	81	85	87	87	81	89	89
INDUSTRY 3541.--MACHINE TOOLS, METAL-CUTTING TYPES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	857	894	\$1,418.1	52.5	\$573.8	33.4	68.2	\$325.9	\$901.7	\$35.2	\$7.2	\$28.0	\$536.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	22	25	25	22	20	21	22	30	24	32	21
8 largest companies.....	(X)	3	33	36	37	33	31	33	33	38	25	41	32
20 largest companies.....	(X)	5	55	54	56	51	51	54	53	54	49	55	57
50 largest companies.....	(X)	10	75	74	76	71	70	74	75	77	74	78	76
INDUSTRY 3542.--MACHINE TOOLS, METAL-FORMING TYPES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	375	383	\$693.6	24.1	\$265.4	16.6	34.7	\$163.8	\$417.7	\$17.5	\$4.7	\$12.8	\$285.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	18	19	20	20	19	20	17	19	38	12	19
8 largest companies.....	(X)	3	33	32	34	32	31	34	31	41	(D)	(D)	34
20 largest companies.....	(X)	8	54	53	56	53	53	55	51	55	72	49	57
50 largest companies.....	(X)	16	75	73	75	72	72	74	74	74	75	74	77

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3544.--SPECIAL DIES, TOOLS, JIGS, AND FIXTURES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	6,513	6,616	\$2,426.7	98.1	\$1,116.3	80.7	173.9	\$846.2	\$1,799.4	\$97.0	\$17.0	\$80.0	\$648.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	7	5	7	5	5	7	7	1	(D)	(D)	6
8 largest companies.....	(X)	(Z)	10	8	10	7	8	10	10	3	2	3	10
20 largest companies.....	(X)	1	14	11	14	11	11	14	14	5	3	6	15
50 largest companies.....	(X)	1	21	17	20	17	17	20	20	10	5	11	23
INDUSTRY 3545.--MACHINE TOOL ACCESSORIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,113	1,232	\$1,249.0	47.0	\$459.0	33.9	67.4	\$296.4	\$879.9	\$30.6	\$6.7	\$23.9	\$380.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	19	15	15	14	13	15	17	15	3	18	24
8 largest companies.....	(X)	4	30	25	26	25	24	26	29	20	(D)	(D)	31
20 largest companies.....	(X)	7	47	43	44	42	42	44	47	47	54	45	48
50 largest companies.....	(X)	12	63	61	61	59	58	60	63	59	60	59	63
INDUSTRY 3546.--POWER-DRIVEN HANDTOOLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	71	88	\$730.5	23.1	\$202.3	16.9	32.9	\$124.2	\$434.5	\$20.3	\$3.9	\$16.4	\$302.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	48	45	45	49	47	50	49	(D)	8	(D)	46
8 largest companies.....	(X)	19	70	71	69	74	74	74	67	82	85	81	74
20 largest companies.....	(X)	39	93	93	93	94	94	94	92	94	96	94	94
50 largest companies.....	(X)	74	99	99	99	99	99	99	99	99+	99+	99+	99
INDUSTRY 3547.--ROLLING MILL MACHINERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	40	47	\$327.8	10.4	\$115.2	7.2	14.2	\$68.7	\$206.4	\$6.3	\$0.6	\$5.7	\$129.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	17	69	69	72	69	70	71	69	68	42	71	68
8 largest companies.....	(X)	32	88	87	88	88	88	88	88	83	44	87	87
20 largest companies.....	(X)	57	96	96	96	95	95	96	96	95	96	94	96
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3549.--METALWORKING MACHINERY, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	384	394	\$427.8	13.6	\$131.6	9.2	18.3	\$77.7	\$268.3	\$12.3	\$4.6	\$7.8	\$165.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	15	12	11	12	12	10	16	17	(D)	(D)	13
8 largest companies.....	(X)	3	27	26	24	25	26	24	27	33	39	28	26
20 largest companies.....	(X)	7	50	46	46	44	45	45	50	46	54	40	50
50 largest companies.....	(X)	15	72	67	67	65	65	65	72	70	74	67	73
INDUSTRY 3551.--FOOD PRODUCTS MACHINERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	636	688	\$1,000.1	31.9	\$315.9	20.6	40.7	\$179.7	\$605.2	\$21.8	\$6.1	\$15.7	\$411.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	18	16	16	15	16	16	18	11	4	13	17
8 largest companies.....	(X)	4	27	26	27	24	25	27	27	18	11	20	26
20 largest companies.....	(X)	7	42	38	40	36	36	39	42	34	25	37	43
50 largest companies.....	(X)	13	62	56	59	54	55	59	63	52	41	56	61

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3552.--TEXTILE MACHINERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	535	578	\$822.8	32.7	\$270.6	23.3	47.4	\$168.3	\$487.6	\$27.6	\$6.6	\$21.0	\$339.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	31	32	33	32	31	33	31	30	(D)	(D)	30
8 largest companies.....	(X)	4	46	46	46	45	44	46	46	38	24	42	46
20 largest companies.....	(X)	9	61	60	61	60	60	62	61	66	67	66	61
50 largest companies.....	(X)	15	75	73	74	72	73	75	75	75	74	75	74
INDUSTRY 3553.--WOODWORKING MACHINERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	229	241	\$488.0	13.5	\$122.0	9.3	19.0	\$72.9	\$280.3	\$12.3	\$3.7	\$8.7	\$217.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	40	32	28	30	31	26	39	54	(D)	(D)	41
8 largest companies.....	(X)	5	53	47	44	47	48	45	53	66	71	64	56
20 largest companies.....	(X)	13	70	64	64	63	64	63	70	70	72	70	72
50 largest companies.....	(X)	26	87	82	83	80	81	82	87	87	89	86	88
INDUSTRY 3554.--PAPER INDUSTRIES MACHINERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	203	218	\$447.8	15.3	\$159.0	9.0	18.7	\$80.8	\$254.0	\$8.3	\$1.7	\$6.6	\$193.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	32	30	32	25	26	23	30	28	10	33	35
8 largest companies.....	(X)	7	46	43	46	39	41	40	44	43	22	49	48
20 largest companies.....	(X)	13	65	64	65	60	59	61	63	54	35	59	69
50 largest companies.....	(X)	29	85	83	84	81	81	82	83	81	68	85	86
INDUSTRY 3555.--PRINTING TRADES MACHINERY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	523	574	\$823.5	23.9	\$249.4	15.3	30.3	\$137.3	\$503.6	\$16.1	\$3.6	\$12.5	\$317.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	42	36	39	36	34	37	41	42	(D)	(D)	45
8 largest companies.....	(X)	4	51	43	46	42	40	43	49	46	(D)	(D)	55
20 largest companies.....	(X)	8	66	59	62	58	58	61	65	68	75	66	68
50 largest companies.....	(X)	16	81	76	79	75	75	77	81	81	83	80	82
INDUSTRY 3559.--SPECIAL INDUSTRY MACHINERY, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,310	1,382	\$2,603.9	72.2	\$730.4	44.9	91.1	\$392.1	\$1,587.1	\$73.8	\$21.4	\$52.4	\$1,090.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	20	12	13	10	10	12	24	(D)	(D)	(D)	18
8 largest companies.....	(X)	1	27	17	20	15	15	17	31	32	32	31	24
20 largest companies.....	(X)	3	42	32	35	29	30	32	45	43	42	44	39
50 largest companies.....	(X)	7	59	50	53	48	49	51	61	62	67	60	58
INDUSTRY 3561.--PUMPS AND PUMPING EQUIPMENT													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	492	559	\$1,917.3	55.5	\$532.9	35.5	71.6	\$302.2	\$1,095.6	\$56.8	\$13.1	\$43.8	\$852.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	17	16	16	17	17	18	16	16	6	19	15
8 largest companies.....	(X)	5	27	25	26	25	25	26	29	25	13	28	26
20 largest companies.....	(X)	11	49	48	49	47	48	50	50	48	33	52	48
50 largest companies.....	(X)	20	75	73	75	72	73	76	74	77	70	80	75

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3562.--BALL AND ROLLER BEARINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	99	135	\$1,530.5	51.0	\$525.5	41.4	83.4	\$403.7	\$931.3	\$51.3	\$4.2	\$47.1	\$610.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	16	53	47	51	48	47	52	49	53	27	55	57
8 largest companies.....	(X)	24	73	69	73	70	70	75	72	68	42	71	73
20 largest companies.....	(X)	39	89	87	89	87	87	90	88	86	83	87	89
50 largest companies.....	(X)	64	99	99	99	99	99	99	99	99	99	99	99
INDUSTRY 3563.--AIR AND GAS COMPRESSORS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	66	84	\$858.1	22.9	\$226.6	13.5	27.2	\$117.5	\$467.2	\$15.3	\$4.4	\$10.9	\$397.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	18	47	47	48	49	50	50	39	48	38	52	54
8 largest companies.....	(X)	24	72	71	70	70	72	70	69	73	70	74	74
20 largest companies.....	(X)	43	93	93	93	91	92	93	94	92	95	90	93
50 largest companies.....	(X)	81	99	99	99	98	99	99	99	100	100	100	99
INDUSTRY 3564.--BLOWERS AND FANS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	360	396	\$805.2	23.4	\$216.2	16.0	32.0	\$126.5	\$468.8	\$22.3	\$7.7	\$14.6	\$343.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	26	17	19	15	14	17	24	23	(D)	(D)	28
8 largest companies.....	(X)	5	37	28	31	27	26	29	36	44	(D)	(D)	38
20 largest companies.....	(X)	10	58	51	54	50	50	54	59	56	57	56	57
50 largest companies.....	(X)	19	80	75	77	74	75	77	80	86	91	84	81
INDUSTRY 3565.--INDUSTRIAL PATTERNS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	1,017	1,021	\$198.0	8.5	\$103.1	7.4	13.9	\$85.3	\$161.0	\$5.3	\$1.0	\$4.3	\$38.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	8	5	8	5	5	9	9	12	(D)	(D)	5
8 largest companies.....	(X)	1	13	10	14	10	10	14	14	24	(D)	(D)	12
20 largest companies.....	(X)	2	23	19	24	19	20	24	24	36	(D)	(D)	22
50 largest companies.....	(X)	5	36	31	37	30	32	37	37	49	49	49	36
INDUSTRY 3566.--SPEED CHANGERS, DRIVES, AND GEARS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	330	346	\$632.7	22.4	\$224.2	15.6	30.6	\$137.5	\$408.9	\$21.8	\$2.7	\$19.1	\$231.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	27	24	25	23	22	23	27	27	10	30	26
8 largest companies.....	(X)	3	41	37	39	35	35	38	41	50	30	53	42
20 largest companies.....	(X)	9	62	57	60	55	55	58	63	67	50	70	61
50 largest companies.....	(X)	18	80	77	79	76	76	78	80	83	72	85	81
INDUSTRY 3567.--INDUSTRIAL FURNACES AND OVENS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	253	266	\$443.2	13.6	\$138.5	8.1	16.0	\$69.8	\$244.3	\$7.5	\$2.1	\$5.5	\$200.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	30	30	30	34	34	33	31	25	(D)	(D)	28
8 largest companies.....	(X)	6	43	41	42	43	42	42	41	51	48	53	46
20 largest companies.....	(X)	12	66	63	65	61	62	64	63	70	70	70	69
50 largest companies.....	(X)	24	83	81	82	81	81	82	82	85	80	87	84

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3568.—POWER TRANSMISSION EQUIPMENT, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	125	155	\$876.4	27.7	\$266.5	20.8	42.0	\$183.0	\$544.4	\$20.4	\$2.9	\$17.5	\$340.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	36	36	37	36	35	38	37	31	22	32	34
8 largest companies.....	(X)	14	57	56	59	56	55	61	58	56	56	56	55
20 largest companies.....	(X)	28	75	73	75	74	73	77	75	72	68	72	75
50 largest companies.....	(X)	50	92	90	91	90	90	91	92	92	95	91	92
INDUSTRY 3569.—GENERAL INDUSTRIAL MACHINERY, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	864	901	\$1,171.9	37.0	\$351.8	24.0	48.2	\$196.5	\$697.7	\$31.3	\$9.0	\$22.2	\$483.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	10	10	10	10	11	11	8	15	17	14	11
8 largest companies.....	(X)	2	17	16	16	16	16	16	16	23	(D)	(D)	17
20 largest companies.....	(X)	4	31	28	28	27	27	28	31	37	47	33	30
50 largest companies.....	(X)	8	51	47	47	46	47	47	49	53	58	51	53
INDUSTRY 3573.—ELECTRONIC COMPUTING EQUIPMENT ²													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	518	602	³ \$6,392.5	144.8	\$1,668.3	64.7	130.6	\$546.8	\$3,418.9	\$212.8	\$49.6	163.1	\$2,980.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	59	42	47	40	41	43	51	30	26	32	64
8 largest companies.....	(X)	8	69	54	57	48	49	52	63	57	(D)	(D)	68
20 largest companies.....	(X)	13	82	72	74	68	69	72	78	76	83	75	83
50 largest companies.....	(X)	20	91	84	87	80	80	83	90	87	90	86	92
INDUSTRY 3574.—CALCULATING AND ACCOUNTING MACHINES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	74	79	\$637.2	22.6	\$207.2	17.8	33.4	\$152.5	\$407.1	\$19.1	\$1.7	\$17.3	\$256.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	73	77	79	81	81	86	74	75	55	77	69
8 largest companies.....	(X)	15	89	85	87	88	87	90	87	86	(D)	(D)	90
20 largest companies.....	(X)	30	98	97	98	98	98	98	98	98	97	98	99
50 largest companies.....	(X)	68	100	100	100	99	100	100	100	100	99	100	100
INDUSTRY 3576.—SCALES AND BALANCES, EXCEPT LABORATORY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	86	97	\$200.4	6.7	\$59.3	4.1	8.6	\$32.5	\$129.7	\$5.7	\$2.5	\$3.2	\$74.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	50	42	44	42	44	49	52	32	7	51	47
8 largest companies.....	(X)	14	68	61	64	63	64	66	70	49	30	63	67
20 largest companies.....	(X)	32	88	86	86	85	85	86	88	96	98	94	87
50 largest companies.....	(X)	63	99	98	98	98	98	98	98	99	100	99	99
INDUSTRY 3572.—TYPEWRITERS ⁷ AND INDUSTRY 3579.—OFFICE MACHINES, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	206	217	\$1,296.1	34.4	\$342.5	20.8	40.9	\$168.7	\$867.4	\$49.4	\$17.4	\$32.3	\$416.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	60	48	57	39	39	48	62	80	91	73	63
8 largest companies.....	(X)	7	75	66	70	64	63	67	78	85	91	81	76
20 largest companies.....	(X)	14	88	82	83	81	81	83	89	92	96	89	86
50 largest companies.....	(X)	29	97	94	95	94	95	95	97	97	97	96	96

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3581.--AUTOMATIC MERCHANDISING MACHINES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	116	125	\$324.4	10.5	\$83.6	7.3	13.9	\$52.1	\$183.4	\$5.6	\$1.2	\$4.5	\$152.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	51	44	50	44	46	51	53	43	30	47	49
8 largest companies.....	(X)	12	68	60	65	61	63	67	70	57	(D)	(D)	68
20 largest companies.....	(X)	22	89	86	87	86	86	88	89	87	89	86	89
50 largest companies.....	(X)	47	97	97	97	96	97	97	97	96	95	96	97
INDUSTRY 3582.--COMMERCIAL LAUNDRY EQUIPMENT													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	100	107	\$157.0	4.8	\$42.2	3.4	6.7	\$25.4	\$88.2	\$1.2	\$0.2	\$0.9	\$68.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	53	50	52	51	52	55	58	38	46	36	49
8 largest companies.....	(X)	14	65	61	63	61	62	65	68	45	46	45	63
20 largest companies.....	(X)	25	82	77	79	77	78	80	83	64	64	64	81
50 largest companies.....	(X)	53	97	96	96	95	96	96	97	92	93	92	97
INDUSTRY 3585.--REFRIGERATION AND HEATING EQUIPMENT ²													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	655	774	\$7,083.5	150.8	\$1,442.1	112.6	223.5	\$978.6	\$3,517.4	\$201.2	\$40.0	\$161.2	\$3,714.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	37	31	36	33	34	41	40	40	20	45	34
8 largest companies.....	(X)	5	50	42	47	44	45	51	53	(D)	(D)	65	48
20 largest companies.....	(X)	10	68	61	65	63	63	69	70	72	57	75	67
50 largest companies.....	(X)	19	85	78	81	79	80	83	85	86	74	89	85
INDUSTRY 3586.--MEASURING AND DISPENSING PUMPS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	54	57	\$232.3	7.2	\$67.3	5.0	9.9	\$38.7	\$134.1	\$4.5	\$1.3	\$3.2	\$101.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	11	51	53	55	53	53	52	53	47	50	45	50
8 largest companies.....	(X)	18	75	77	79	75	76	78	74	63	(D)	(D)	78
20 largest companies.....	(X)	39	94	93	94	93	94	94	93	87	84	88	95
50 largest companies.....	(X)	93	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 3589.--SERVICE INDUSTRY MACHINERY, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	669	706	\$913.8	24.4	\$228.8	15.0	29.3	\$115.9	\$503.6	\$15.7	\$4.2	\$11.5	\$422.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	12	11	13	9	9	10	13	10	4	12	11
8 largest companies.....	(X)	3	22	21	23	19	19	22	24	20	22	19	19
20 largest companies.....	(X)	5	39	35	39	33	34	37	41	34	28	36	37
50 largest companies.....	(X)	11	62	57	60	56	57	59	63	54	48	56	61
INDUSTRY 3592.--CARBURETORS, PISTONS, RINGS, AND VALVES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	98	113	\$744.3	26.7	\$272.3	21.6	43.5	\$207.1	\$500.0	\$27.1	\$4.6	\$22.5	\$262.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	53	45	49	47	49	52	54	55	(D)	(D)	54
8 largest companies.....	(X)	15	71	65	70	67	69	73	72	78	87	76	72
20 largest companies.....	(X)	29	91	90	92	91	91	93	92	94	91	94	91
50 largest companies.....	(X)	58	98	98	98	98	98	98	98	99	99+	99	98

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3599.--MACHINERY, EXCEPT ELECTRICAL, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands).. Percent of above totals accounted for by--	16,220	16,287	\$3,665.2	157.8	\$1,424.7	127.2	248.4	\$1,021.3	\$2,515.5	\$122.2	\$25.4	\$96.8	\$1,175.1
4 largest companies.....	(X)	(Z)	4	2	3	2	1	3	4	(D)	(D)	(D)	5
8 largest companies.....	(X)	(Z)	5	4	5	3	2	5	5	4	(D)	(D)	6
20 largest companies.....	(X)	(Z)	8	6	7	5	5	7	8	7	6	8	10
50 largest companies.....	(X)	(Z)	13	10	11	9	8	10	12	10	8	10	16
INDUSTRY 3612.--TRANSFORMERS													
Total (columns c, e, g, h to m in millions, d and f in thousands).. Percent of above totals accounted for by--	168	216	\$1,461.9	46.8	\$420.2	35.6	71.3	\$286.1	\$757.3	\$26.8	\$5.6	\$21.2	\$700.5
4 largest companies.....	(X)	10	59	58	64	56	56	62	60	58	36	63	56
8 largest companies.....	(X)	15	75	72	77	72	73	77	75	80	(D)	(D)	74
20 largest companies.....	(X)	29	90	87	90	87	88	90	90	90	90	90	91
50 largest companies.....	(X)	45	97	95	96	95	96	96	97	96	97	95	97
INDUSTRY 3613.--SWITCHGEAR AND SWITCHBOARD APPARATUS													
Total (columns c, e, g, h to m in millions, d and f in thousands).. Percent of above totals accounted for by--	462	568	\$2,123.5	69.2	\$619.8	49.6	97.1	\$388.5	\$1,303.0	\$36.9	\$7.2	\$29.6	\$844.2
4 largest companies.....	(X)	10	51	44	49	44	43	50	54	48	34	51	47
8 largest companies.....	(X)	16	65	59	62	60	60	65	68	57	37	62	61
20 largest companies.....	(X)	20	79	74	76	74	75	79	80	74	53	79	77
50 largest companies.....	(X)	27	89	87	88	88	88	89	90	85	69	88	87
INDUSTRY 3621.--MOTORS AND GENERATORS													
Total (columns c, e, g, h to m in millions, d and f in thousands).. Percent of above totals accounted for by--	325	425	\$2,501.7	90.3	\$764.4	69.2	139.3	\$516.9	\$1,475.2	\$58.9	\$10.5	\$48.5	\$1,054.8
4 largest companies.....	(X)	10	47	43	46	44	45	49	48	44	(D)	(D)	45
8 largest companies.....	(X)	13	59	51	56	53	53	59	60	51	(D)	(D)	56
20 largest companies.....	(X)	21	78	72	75	73	73	77	79	74	55	77	76
50 largest companies.....	(X)	32	90	87	89	88	88	90	91	82	65	85	89
INDUSTRY 3622.--INDUSTRIAL CONTROLS													
Total (columns c, e, g, h to m in millions, d and f in thousands).. Percent of above totals accounted for by--	545	590	\$1,424.1	51.1	\$465.6	33.4	66.6	\$257.1	\$908.4	\$46.8	\$14.3	\$32.4	\$555.4
4 largest companies.....	(X)	5	44	43	45	45	48	49	43	38	(D)	(D)	45
8 largest companies.....	(X)	7	59	59	60	60	62	64	59	62	(D)	(D)	61
20 largest companies.....	(X)	9	74	72	74	73	74	77	74	72	76	70	74
50 largest companies.....	(X)	16	85	84	85	84	85	87	85	82	84	81	85
INDUSTRY 3623.--WELDING APPARATUS, ELECTRIC													
Total (columns c, e, g, h to m in millions, d and f in thousands).. Percent of above totals accounted for by--	154	166	\$659.6	15.5	\$173.9	9.8	20.9	\$102.5	\$353.5	\$11.4	\$3.5	\$7.9	\$314.2
4 largest companies.....	(X)	5	41	32	38	35	37	44	37	35	28	39	44
8 largest companies.....	(X)	10	60	50	54	49	50	55	58	49	38	54	61
20 largest companies.....	(X)	19	77	71	74	70	71	74	76	59	43	66	78
50 largest companies.....	(X)	37	94	91	92	90	91	93	94	87	90	86	94

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3624.--CARBON AND GRAPHITE PRODUCTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	58	72	\$377.4	11.3	\$99.6	8.6	16.7	\$70.9	\$217.4	\$20.2	\$4.7	\$15.5	\$158.2
Percent of above totals accounted for by--	(X)												
4 largest companies.....	(X)	21	80	70	71	69	69	72	77	79	81	78	82
8 largest companies.....	(X)	29	91	84	86	84	83	87	90	87	(D)	(D)	92
20 largest companies.....	(X)	47	97	96	96	95	96	96	97	99	99+	99	98
50 largest companies.....	(X)	89	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 3629.--ELECTRICAL INDUSTRIAL APPARATUS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	245	258	\$449.4	20.2	\$165.0	13.5	26.0	\$89.4	\$270.0	\$11.2	\$2.5	\$8.6	\$187.4
Percent of above totals accounted for by--	(X)												
4 largest companies.....	(X)	3	31	30	36	24	25	31	34	46	27	52	27
8 largest companies.....	(X)	6	47	50	55	45	46	52	52	61	(D)	(D)	40
20 largest companies.....	(X)	11	65	66	69	62	63	66	66	67	59	70	64
50 largest companies.....	(X)	24	83	83	84	82	82	83	83	80	80	79	84
INDUSTRY 3631.--HOUSEHOLD COOKING EQUIPMENT													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	74	84	\$939.8	23.3	\$205.7	18.4	36.8	\$141.5	\$412.0	\$25.5	\$7.5	\$17.9	\$532.1
Percent of above totals accounted for by--	(X)												
4 largest companies.....	(X)	14	59	56	62	55	56	61	60	71	74	70	59
8 largest companies.....	(X)	19	73	68	73	67	68	72	73	77	81	76	73
20 largest companies.....	(X)	35	90	87	89	86	86	88	90	90	89	91	90
50 largest companies.....	(X)	71	99+	99+	99+	99+	99+	99+	99+	99	98	99+	99+
INDUSTRY 3632.--HOUSEHOLD REFRIGERATORS AND FREEZERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	30	36	\$1,719.7	34.1	\$305.3	28.6	55.6	\$233.0	\$790.8	\$25.5	\$6.0	\$19.5	\$944.8
Percent of above totals accounted for by--	(X)												
4 largest companies.....	(X)	28	85	84	84	85	83	84	89	90	89	91	81
8 largest companies.....	(X)	39	98	98	98	98	98	98	98	99	99	99	98
20 largest companies.....	(X)	72	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3633.--HOUSEHOLD LAUNDRY EQUIPMENT													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	20	29	\$1,356.5	23.6	\$223.1	19.4	36.9	\$171.2	\$684.7	\$31.0	\$5.9	\$25.1	\$691.2
Percent of above totals accounted for by--	(X)												
4 largest companies.....	(X)	31	83	76	80	77	77	81	86	70	61	73	80
8 largest companies.....	(X)	59	98	96	97	97	96	97	98	96	90	97	98
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
INDUSTRY 3634.--ELECTRIC HOUSEWARES AND FANS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	247	299	\$1,613.3	51.3	\$357.5	41.0	79.4	\$240.9	\$909.2	\$32.6	\$7.2	\$25.4	\$735.6
Percent of above totals accounted for by--	(X)												
4 largest companies.....	(X)	10	43	37	41	36	36	40	48	31	26	32	40
8 largest companies.....	(X)	14	60	55	60	54	54	60	64	50	(D)	(D)	58
20 largest companies.....	(X)	21	76	71	74	71	72	75	77	74	75	73	76
50 largest companies.....	(X)	32	91	89	90	89	89	90	92	90	92	90	91

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3635.--HOUSEHOLD VACUUM CLEANERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	34	36	\$467.7	11.2	\$98.7	8.4	16.3	\$68.0	\$299.5	\$9.7	\$1.5	\$8.1	\$176.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	17	75	71	73	72	70	74	78	76	97	72	71
8 largest companies.....	(X)	28	91	92	92	93	93	93	93	96	98	96	89
20 largest companies.....	(X)	61	99	99	99	99	99	99	99	99	99	99	99
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3636.--SEWING MACHINES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	72	75	\$159.6	5.3	\$54.6	4.4	8.6	\$41.6	\$124.6	\$9.3	\$0.3	\$9.0	\$37.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	84	84	86	86	87	88	89	(D)	(D)	(D)	71
8 largest companies.....	(X)	15	92	90	91	90	91	92	95	(D)	(D)	(D)	89
20 largest companies.....	(X)	31	97	96	97	96	96	97	97	98	(D)	(D)	96
50 largest companies.....	(X)	71	99+	99	99	99	99	99	99+	99+	97	99+	99
INDUSTRY 3639.--HOUSEHOLD APPLIANCES, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	70	85	\$681.9	14.0	\$123.5	10.7	20.9	\$83.4	\$341.4	\$18.3	\$5.4	\$12.9	\$363.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	13	57	50	51	52	53	56	58	62	72	58	57
8 largest companies.....	(X)	20	76	70	74	73	73	77	77	82	87	80	76
20 largest companies.....	(X)	39	94	92	93	93	93	94	94	96	94	97	95
50 largest companies.....	(X)	76	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 3641.--ELECTRIC LAMPS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	103	143	\$1,095.7	31.5	\$239.7	27.1	52.2	\$185.7	\$724.4	\$31.1	\$3.4	\$27.7	\$366.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	30	90	83	85	85	85	87	91	86	85	87	86
8 largest companies.....	(X)	34	94	92	93	92	93	94	95	93	85	94	93
20 largest companies.....	(X)	42	98	97	98	97	98	98	98	98	93	98	98
50 largest companies.....	(X)	63	99+	99	99	99	99	99	99+	99+	99	99+	99+
INDUSTRY 3643.--CURRENT-CARRYING WIRING DEVICES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	355	402	\$1,218.7	48.5	\$370.0	37.3	72.9	\$235.5	\$768.1	\$52.2	\$13.7	\$38.6	\$478.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	30	28	29	29	28	31	30	45	50	43	32
8 largest companies.....	(X)	8	46	43	46	43	43	46	48	54	(D)	(D)	44
20 largest companies.....	(X)	13	65	63	65	63	62	66	66	68	74	66	64
50 largest companies.....	(X)	23	84	81	83	81	81	83	84	84	82	85	83
INDUSTRY 3644.--NONCURRENT-CARRYING WIRING DEVICES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	149	179	\$886.4	25.7	\$217.0	19.3	37.7	\$147.0	\$490.8	\$25.2	\$6.3	\$18.9	\$400.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	24	21	23	18	18	20	25	31	48	25	23
8 largest companies.....	(X)	11	41	37	38	34	35	38	40	40	50	36	41
20 largest companies.....	(X)	23	67	64	67	61	63	67	67	60	56	61	65
50 largest companies.....	(X)	44	91	89	89	88	88	90	90	91	92	91	91

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3645.--RESIDENTIAL LIGHTING FIXTURES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	665	701	\$767.2	26.5	\$189.3	21.0	40.6	\$120.7	\$390.2	\$13.7	\$3.9	\$9.8	\$386.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	27	26	28	25	26	29	27	29	32	29	28
8 largest companies.....	(X)	5	35	32	35	32	33	36	34	36	41	35	37
20 largest companies.....	(X)	8	46	45	48	44	46	48	45	44	44	44	48
50 largest companies.....	(X)	12	59	56	59	56	58	58	59	53	52	53	60
INDUSTRY 3646.--COMMERCIAL LIGHTING FIXTURES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	206	236	\$718.7	18.8	\$148.3	14.0	27.0	\$93.2	\$350.4	\$13.7	\$3.6	\$10.1	\$374.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	25	21	23	21	23	24	24	47	(D)	(D)	26
8 largest companies.....	(X)	8	40	31	33	30	32	34	39	51	(D)	(D)	40
20 largest companies.....	(X)	17	64	56	56	54	56	56	64	76	78	76	63
50 largest companies.....	(X)	33	85	80	80	80	80	81	83	85	80	86	86
INDUSTRY 3647.--VEHICULAR LIGHTING EQUIPMENT													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	46	47	\$499.8	13.6	\$142.1	10.7	21.5	\$101.9	\$299.8	\$7.2	\$0.5	\$6.8	\$205.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	78	67	79	69	71	82	78	65	65	65	78
8 largest companies.....	(X)	19	89	85	90	85	86	91	90	86	92	86	87
20 largest companies.....	(X)	45	97	96	98	96	97	98	98	98	98	97	96
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3648.--LIGHTING EQUIPMENT, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	172	190	\$466.5	12.7	\$107.9	9.2	18.4	\$63.1	\$254.3	\$16.6	\$7.8	\$8.9	\$219.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	29	25	28	24	24	26	31	55	67	44	27
8 largest companies.....	(X)	8	46	42	46	40	41	43	47	66	79	54	46
20 largest companies.....	(X)	19	72	67	70	65	67	69	72	81	93	70	74
50 largest companies.....	(X)	36	90	87	88	86	87	88	91	93	96	91	90
INDUSTRY 3651.--RADIO AND TV RECEIVING SETS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	343	372	\$4,440.1	86.5	\$651.4	69.8	132.4	\$453.6	\$1,807.8	\$58.6	\$21.4	\$37.2	\$2,715.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	49	36	41	38	37	44	50	37	11	53	49
8 largest companies.....	(X)	4	71	59	63	63	62	67	72	61	44	71	72
20 largest companies.....	(X)	10	86	78	81	80	80	83	83	84	81	85	88
50 largest companies.....	(X)	21	96	92	94	93	93	94	95	94	94	95	96
INDUSTRY 3652.--PHONOGRAPH RECORDS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	537	567	\$567.7	20.3	\$146.5	15.8	30.8	\$100.1	\$375.6	\$16.9	\$3.7	\$13.3	\$191.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	48	42	45	41	43	45	51	38	(D)	(D)	42
8 largest companies.....	(X)	4	61	53	57	52	55	57	63	40	(D)	(D)	54
20 largest companies.....	(X)	8	76	71	74	70	73	75	77	62	62	62	72
50 largest companies.....	(X)	14	85	82	84	82	84	85	86	73	71	73	83

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3661.--TELEPHONE AND TELEGRAPH APPARATUS ²													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	157	203	³ \$4,524.7	134.4	\$1,323.0	94.7	176.4	\$821.8	\$2,650.1	\$169.2	\$20.1	\$149.1	\$1,970.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	90	(D)	(D)
8 largest companies.....	(X)	23	(D)	94	95	95	95	96	95	(D)	96	(D)	(D)
20 largest companies.....	(X)	31	98	97	98	97	97	98	98	98	97	98	98
50 largest companies.....	(X)	47	99+	99	99+	99	99+	99	99+	99	99+	99+	99+
INDUSTRY 3662.--RADIO AND TV COMMUNICATION EQUIPMENT													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	1,524	1,773	\$9,140.2	319.2	\$3,589.1	161.9	320.9	\$1,447.6	\$5,803.1	\$212.2	\$51.9	\$160.3	\$3,338.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	19	16	19	16	16	20	19	17	19	16	17
8 largest companies.....	(X)	2	33	30	32	28	29	32	33	27	31	26	32
20 largest companies.....	(X)	7	58	55	60	50	51	55	58	55	48	57	55
50 largest companies.....	(X)	11	77	74	79	69	69	76	77	67	59	70	75
INDUSTRY 3671.--ELECTRON TUBES, RECEIVING TYPE													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	21	25	\$230.4	11.4	\$87.7	9.5	18.2	\$63.7	\$173.8	\$1.8	\$0.3	\$1.6	\$56.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	28	95	90	92	89	89	90	94	(D)	(D)	98	97
8 largest companies.....	(X)	48	99+	99	99+	99	99	99+	99+	(D)	(D)	99	99+
20 largest companies.....	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3672.--CATHODE RAY TELEVISION PICTURE TUBES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	69	75	\$696.5	15.2	\$146.9	12.2	24.3	\$97.3	\$345.5	\$26.2	\$6.1	\$20.1	\$359.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	83	80	83	81	83	83	82	93	92	94	83
8 largest companies.....	(X)	19	97	94	95	94	95	95	96	99	99	99	98
20 largest companies.....	(X)	35	99+	99	99+	99	99+	99+	99+	99+	99+	99+	99+
50 largest companies.....	(X)	75	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 3673.--ELECTRON TUBES, TRANSMITTING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	43	53	\$479.3	20.5	\$233.8	12.3	25.3	\$115.8	\$342.8	\$13.5	\$2.0	\$11.5	\$138.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	19	55	54	59	55	57	59	56	47	85	40	54
8 largest companies.....	(X)	30	80	82	85	81	81	82	81	76	(D)	(D)	77
20 largest companies.....	(X)	57	98	98	98	97	97	98	98	97	(D)	(D)	98
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3674.--SEMICONDUCTORS AND RELATED DEVICES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	289	327	\$2,704.8	97.6	\$953.1	58.4	116.3	\$419.8	\$1,735.1	\$170.5	\$24.8	\$145.7	\$931.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	57	50	56	44	45	49	54	61	71	59	58
8 largest companies.....	(X)	7	70	66	70	62	63	66	69	75	77	74	68
20 largest companies.....	(X)	16	82	79	82	76	77	79	82	82	81	82	80
50 largest companies.....	(X)	26	94	91	92	89	90	91	93	92	90	93	94

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3675.--ELECTRONIC CAPACITORS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	79	113	\$445.8	27.6	\$169.2	22.5	44.5	\$119.6	\$298.6	\$13.4	\$1.5	\$11.9	\$152.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	20	42	38	37	41	40	41	42	33	10	36	43
8 largest companies.....	(X)	26	61	58	59	59	60	62	60	60	53	61	64
20 largest companies.....	(X)	43	85	83	83	84	85	85	85	88	73	90	86
50 largest companies.....	(X)	74	97	97	97	97	97	97	97	99+	97	99+	98
INDUSTRY 3676.--ELECTRONIC RESISTORS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	67	86	\$372.2	20.5	\$144.5	15.7	31.3	\$93.9	\$263.5	\$10.4	\$1.8	\$8.6	\$111.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	17	43	38	43	40	40	45	46	59	42	63	36
8 largest companies.....	(X)	27	65	59	63	59	59	63	66	72	68	72	62
20 largest companies.....	(X)	43	86	82	85	81	82	85	85	88	86	89	89
50 largest companies.....	(X)	80	99+	98	98	98	98	99+	99+	98	99+	98	99+
INDUSTRY 3677.--ELECTRONIC COILS AND TRANSFORMERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	216	247	\$354.1	23.6	\$142.0	19.2	37.0	\$97.6	\$212.7	\$8.8	\$3.2	\$5.6	\$149.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	14	12	13	12	12	13	15	20	(D)	(D)	13
8 largest companies.....	(X)	7	24	22	21	23	23	22	23	35	53	24	24
20 largest companies.....	(X)	16	45	36	37	37	38	40	43	44	61	34	45
50 largest companies.....	(X)	30	71	61	60	62	63	60	70	56	68	49	71
INDUSTRY 3678.--ELECTRONIC CONNECTORS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	75	91	\$483.3	18.1	\$141.2	13.5	26.8	\$90.2	\$345.6	\$12.2	\$1.2	\$10.9	\$141.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	18	55	49	52	48	47	52	56	49	48	49	52
8 largest companies.....	(X)	25	71	66	68	66	66	69	73	59	53	59	66
20 largest companies.....	(X)	40	87	84	86	84	84	86	88	86	87	86	83
50 largest companies.....	(X)	73	98	97	97	97	97	97	98	98	99+	97	98
INDUSTRY 3679.--ELECTRONIC COMPONENTS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	1,744	1,844	\$3,046.6	100.5	\$846.4	70.0	136.2	\$458.0	\$1,577.2	\$86.1	\$15.5	\$70.6	\$1,425.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	36	15	22	11	11	16	23	16	9	17	46
8 largest companies.....	(X)	1	41	20	27	17	17	22	29	20	11	22	52
20 largest companies.....	(X)	3	51	33	39	29	30	35	40	31	19	34	60
50 largest companies.....	(X)	5	63	47	53	43	44	49	55	48	30	51	71
INDUSTRY 3691.--STORAGE BATTERIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	138	212	\$968.6	22.1	\$209.3	18.0	36.0	\$159.3	\$477.8	\$30.8	\$9.7	\$21.1	\$511.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	24	57	54	58	56	54	60	53	58	62	57	61
8 largest companies.....	(X)	37	85	81	83	82	81	85	85	82	81	82	84
20 largest companies.....	(X)	44	93	92	93	93	93	94	93	92	91	92	93
50 largest companies.....	(X)	58	98	97	98	97	98	98	98	98	99+	98	98

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3692.--PRIMARY BATTERIES, DRY AND WET													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	30	48	\$348.1	8.4	\$64.6	6.8	13.5	\$46.4	\$221.6	\$7.2	\$0.8	\$6.4	\$130.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	46	92	84	83	85	85	86	91	89	(D)	(D)	92
8 largest companies.....	(X)	54	97	94	94	94	94	94	97	92	(D)	(D)	97
20 largest companies.....	(X)	79	99+	99+	99+	99+	99+	99+	99+	99+	(D)	(D)	99+
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3693.--X-RAY APPARATUS AND TUBES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	95	104	\$443.7	12.1	\$120.9	6.9	14.1	\$55.5	\$311.3	\$8.1	\$2.5	\$5.6	\$147.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	54	46	50	42	40	47	56	50	60	45	50
8 largest companies.....	(X)	15	75	70	73	68	69	72	76	74	82	71	73
20 largest companies.....	(X)	28	90	88	89	87	88	88	91	89	90	89	88
50 largest companies.....	(X)	57	99	98	99	98	98	98	99	99+	99+	99	99
INDUSTRY 3694.--ENGINE ELECTRICAL EQUIPMENT													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	266	290	\$2,035.0	57.9	\$591.3	47.7	96.9	\$451.7	\$1,212.6	\$30.8	\$3.1	\$27.6	\$855.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	65	55	68	55	56	70	68	52	27	55	61
8 largest companies.....	(X)	8	78	70	79	71	71	81	80	(D)	(D)	(D)	76
20 largest companies.....	(X)	13	89	83	89	84	84	90	90	82	55	85	88
50 largest companies.....	(X)	26	96	93	96	93	93	96	96	94	86	95	96
INDUSTRY 3699.--ELECTRICAL EQUIPMENT AND SUPPLIES, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	968	995	\$501.8	19.3	\$130.0	14.8	27.4	\$80.9	\$263.9	\$16.0	\$3.7	\$12.3	\$243.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	21	19	22	20	22	26	22	21	8	25	20
8 largest companies.....	(X)	2	30	27	29	28	29	33	30	22	8	27	30
20 largest companies.....	(X)	4	45	41	42	42	44	45	44	39	25	43	46
50 largest companies.....	(X)	7	62	56	57	57	58	60	60	59	55	60	64
INDUSTRY 3711.--MOTOR VEHICLES AND CAR BODIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	165	231	\$42,905.6	339.2	\$4,299.5	284.0	587.9	\$3,405.4	\$11,782.5	\$917.2	\$66.9	\$850.3	\$31,169.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	25	93	88	90	89	90	91	92	(D)	(D)	(D)	93
8 largest companies.....	(X)	30	99	97	98	97	97	98	98	(D)	(D)	(D)	99
20 largest companies.....	(X)	37	99+	99+	99+	99+	99+	99+	99+	(D)	(D)	(D)	99+
50 largest companies.....	(X)	50	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 3713.--TRUCK AND BUS BODIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	729	786	\$1,564.4	42.6	\$353.8	33.1	65.3	\$245.1	\$659.7	\$48.3	\$22.1	\$26.2	\$940.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	26	17	19	16	16	19	24	(D)	58	(D)	27
8 largest companies.....	(X)	3	34	24	26	23	23	26	32	58	59	57	36
20 largest companies.....	(X)	5	48	39	43	38	39	42	45	65	65	66	50
50 largest companies.....	(X)	12	64	55	58	54	55	58	62	79	81	78	67

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3714.—MOTOR VEHICLE PARTS AND ACCESSORIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,748	2,119	\$18,333.5	400.9	\$4,601.5	332.3	696.0	\$3,620.3	\$9,164.7	\$1,113.1	\$78.5	\$1,034.6	\$9,330.4
Percent of above totals accounted for by--	(X)	3	61	51	61	52	53	62	58	(D)	48	(D)	62
4 largest companies.....	(X)	5	69	58	68	59	60	69	67	85	53	87	71
8 largest companies.....	(X)	8	78	70	78	71	72	80	77	89	67	91	79
20 largest companies.....	(X)	13	86	80	86	80	81	87	86	93	78	94	87
INDUSTRY 3715.—TRUCK TRAILERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	215	255	\$1,117.9	24.7	\$205.6	19.7	37.8	\$149.1	\$449.3	\$14.6	\$4.4	\$10.2	\$684.8
percent of above totals accounted for by--	(X)	9	45	38	39	37	37	39	47	25	(D)	(D)	44
4 largest companies.....	(X)	12	60	53	54	52	52	55	59	49	(D)	(D)	61
8 largest companies.....	(X)	22	77	71	72	71	70	73	76	68	56	73	78
20 largest companies.....	(X)	35	91	87	88	87	87	88	91	87	86	88	91
INDUSTRY 3721.—AIRCRAFT													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	141	168	\$8,779.3	231.8	\$2,867.1	131.0	259.1	\$1,332.3	\$5,083.0	\$57.1	\$10.1	\$47.0	\$4,028.7
Percent of above totals accounted for by--	(X)	7	66	62	65	62	61	63	66	48	43	49	72
4 largest companies.....	(X)	14	86	82	85	79	79	82	85	68	72	68	87
8 largest companies.....	(X)	26	99	98	99	97	97	98	99	94	91	95	99
20 largest companies.....	(X)	46	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+	99+
INDUSTRY 3724.—AIRCRAFT ENGINES AND ENGINE PARTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	189	232	\$3,640.2	104.7	\$1,256.6	60.4	125.0	\$603.4	\$1,991.7	\$73.0	\$10.3	\$62.7	\$1,742.1
Percent of above totals accounted for by--	(X)	9	77	73	76	68	68	70	74	65	(D)	(D)	81
4 largest companies.....	(X)	15	87	84	87	81	81	84	86	83	80	84	89
8 largest companies.....	(X)	25	94	92	93	89	89	90	93	93	87	94	95
20 largest companies.....	(X)	40	97	96	97	95	94	96	97	96	92	97	98
INDUSTRY 3728.—AIRCRAFT EQUIPMENT, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	649	694	\$3,031.9	102.2	\$1,158.1	68.1	139.5	\$677.9	\$2,048.9	\$38.9	\$8.8	\$30.1	\$1,064.0
Percent of above totals accounted for by--	(X)	1	33	28	31	28	28	34	33	19	28	17	36
4 largest companies.....	(X)	2	51	47	52	48	48	52	52	27	30	26	52
8 largest companies.....	(X)	5	69	65	69	64	64	69	70	55	64	53	69
20 largest companies.....	(X)	12	84	81	84	80	80	83	85	71	74	70	85
INDUSTRY 3731.—SHIP BUILDING AND REPAIRING													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	415	455	\$3,281.0	144.6	\$1,422.3	117.7	233.4	\$1,053.2	\$1,881.3	\$142.0	\$59.8	\$82.1	\$1,399.7
Percent of above totals accounted for by--	(X)	2	47	48	50	47	47	48	45	32	(D)	(D)	49
4 largest companies.....	(X)	5	63	63	66	61	62	64	61	45	42	47	64
8 largest companies.....	(X)	11	81	80	82	79	80	81	80	84	88	81	82
20 largest companies.....	(X)	19	91	90	91	90	90	91	90	92	94	90	92

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3732.—BOAT BUILDING AND REPAIRING													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	1,725	1,777	\$1,048.2	40.6	\$281.3	33.6	64.0	\$212.4	\$516.8	\$37.2	\$17.0	\$20.2	\$552.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	14	11	13	11	12	13	15	9	(D)	(D)	13
8 largest companies.....	(X)	2	23	19	21	19	21	22	23	16	17	15	22
20 largest companies.....	(X)	3	38	33	36	33	34	36	37	27	27	26	38
50 largest companies.....	(X)	5	54	50	51	49	51	50	53	52	62	44	56
INDUSTRY 3743.—RAILROAD EQUIPMENT													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	128	163	\$2,446.2	50.8	\$529.1	38.4	72.7	\$371.9	\$1,113.3	\$55.3	\$17.4	\$38.0	\$1,341.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	56	49	54	47	50	52	64	56	41	63	52
8 largest companies.....	(X)	16	70	61	65	60	62	64	70	60	45	67	69
20 largest companies.....	(X)	26	90	86	88	85	85	88	88	91	90	91	91
50 largest companies.....	(X)	52	98	98	98	97	97	98	98	99	99	98	99
INDUSTRY 3751.—MOTORCYCLES, BICYCLES, AND PARTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	219	222	\$659.5	17.6	\$139.6	15.0	29.1	\$106.2	\$315.2	\$16.0	\$4.3	\$11.6	\$373.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	65	57	62	58	58	64	66	58	74	52	64
8 largest companies.....	(X)	5	78	72	75	72	73	77	79	77	81	75	79
20 largest companies.....	(X)	10	92	89	90	89	90	91	92	92	92	92	93
50 largest companies.....	(X)	24	97	95	96	95	96	96	97	97	98	96	97
INDUSTRY 3761.—GUIDED MISSILES AND SPACE VEHICLES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	23	70	\$4,123.7	118.4	\$1,751.5	47.6	91.5	\$575.9	\$2,948.7	\$62.9	\$14.7	\$48.2	\$1,166.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	27	62	55	56	53	54	55	59	51	69	46	73
8 largest companies.....	(X)	44	88	87	88	85	85	86	88	91	94	90	91
20 largest companies.....	(X)	96	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3764.—SPACE PROPULSION UNITS AND PARTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	22	29	\$716.3	20.8	\$276.2	8.1	17.3	\$87.6	\$506.6	\$18.4	\$5.2	\$13.2	\$220.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	34	59	61	64	51	51	52	62	42	37	44	49
8 largest companies.....	(X)	52	92	88	89	78	79	75	92	94	97	93	92
20 largest companies.....	(X)	93	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
INDUSTRY 3769.—SPACE VEHICLE EQUIPMENT, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	45	48	\$788.2	20.9	\$289.3	7.9	16.9	\$83.3	\$513.9	\$11.0	\$1.0	\$10.0	\$286.3
Percent of above totals accounted for by--													
4 largest companies.....	(X)	10	70	64	68	45	46	54	69	67	48	69	72
8 largest companies.....	(X)	19	85	78	83	56	57	65	85	87	69	89	86
20 largest companies.....	(X)	48	97	95	96	90	90	92	97	96	92	96	97
50 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3792.--TRAVEL TRAILERS AND CAMPERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	943	1,030	\$1,342.2	37.1	\$266.3	31.1	57.8	\$195.9	\$479.9	\$35.2	\$15.0	\$20.2	\$884.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	21	16	20	17	18	23	20	22	21	23	22
8 largest companies.....	(X)	4	29	23	28	24	24	30	28	29	31	27	31
20 largest companies.....	(X)	7	43	36	41	37	37	42	42	43	50	37	44
50 largest companies.....	(X)	12	59	49	56	50	51	57	59	59	68	51	60
INDUSTRY 3795.--TANKS AND TANK COMPONENTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	18	22	\$272.2	5.9	\$65.0	4.6	9.0	\$46.9	\$111.7	\$3.1	\$0.7	\$2.5	\$150.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	36	95	93	95	93	94	95	94	(D)	(D)	(D)	95
8 largest companies.....	(X)	55	99	98	98	98	98	98	98	(D)	(D)	(D)	99
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
INDUSTRY 3799.--TRANSPORTATION EQUIPMENT, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	444	501	\$654.6	16.1	\$117.2	13.4	25.2	\$82.0	\$232.1	\$16.9	\$6.7	\$10.2	\$434.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	28	18	19	18	20	21	18	40	(D)	(D)	33
8 largest companies.....	(X)	7	38	25	27	25	26	27	26	47	(D)	(D)	44
20 largest companies.....	(X)	11	53	41	43	41	41	43	44	57	71	48	58
50 largest companies.....	(X)	19	73	63	65	63	64	66	68	72	82	66	75
INDUSTRY 3811.--ENGINEERING AND SCIENTIFIC INSTRUMENTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	703	743	\$1,042.0	37.4	\$365.4	22.6	44.0	\$185.9	\$680.9	\$18.8	\$4.6	\$14.3	\$368.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	22	21	24	19	19	23	23	15	7	18	18
8 largest companies.....	(X)	2	33	30	32	28	28	32	33	23	15	25	33
20 largest companies.....	(X)	4	50	46	50	44	44	50	52	40	37	41	48
50 largest companies.....	(X)	10	68	64	67	63	64	68	69	61	69	58	68
INDUSTRY 3822.--ENVIRONMENTAL CONTROLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	117	131	\$728.1	30.7	\$253.6	23.3	44.5	\$166.4	\$511.8	\$17.1	\$3.1	\$14.0	\$223.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	9	56	54	58	51	52	57	58	54	(D)	(D)	52
8 largest companies.....	(X)	15	76	73	78	71	72	79	77	75	72	75	73
20 largest companies.....	(X)	26	93	93	94	93	93	95	94	91	81	94	92
50 largest companies.....	(X)	49	99	99	99	99	99	99	99	99	99	99	98
INDUSTRY 3823.--PROCESS CONTROL INSTRUMENTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	175	192	\$906.9	38.8	\$391.1	18.8	37.9	\$151.1	\$632.2	\$29.7	\$10.8	\$18.9	\$281.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	35	36	34	36	37	35	36	29	23	33	33
8 largest companies.....	(X)	8	53	54	52	53	55	54	54	44	29	53	51
20 largest companies.....	(X)	16	75	76	79	72	74	75	75	65	45	76	74
50 largest companies.....	(X)	33	89	90	91	87	88	89	90	88	88	88	89

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3824.--FLUID METERS AND COUNTING DEVICES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	51	61	\$298.0	8.8	\$76.8	5.9	11.7	\$43.1	\$180.9	\$7.0	\$1.7	\$5.4	\$109.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	20	57	53	52	56	57	55	61	68	50	74	57
8 largest companies.....	(X)	30	77	73	73	74	74	75	73	(D)	(D)	(D)	78
20 largest companies.....	(X)	49	95	92	93	92	92	93	94	96	96	96	96
50 largest companies.....	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
INDUSTRY 3825.--INSTRUMENTS TO MEASURE ELECTRICITY													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	606	632	\$1,493.5	52.9	\$506.9	33.6	67.0	\$251.3	\$1,019.3	\$37.7	\$9.1	\$28.6	\$504.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	38	33	36	32	33	38	38	37	40	37	37
8 largest companies.....	(X)	3	49	44	47	45	45	49	50	45	41	46	45
20 largest companies.....	(X)	7	64	60	64	59	60	64	66	57	51	59	59
50 largest companies.....	(X)	13	79	75	77	76	77	79	80	69	65	71	76
INDUSTRY 3829.--MEASURING AND CONTROLLING DEVICES, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	579	595	\$577.7	21.6	\$208.5	12.9	25.6	\$102.4	\$379.5	\$13.1	\$2.9	\$10.2	\$199.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	23	21	25	22	24	30	23	19	(D)	(D)	22
8 largest companies.....	(X)	2	37	35	39	35	36	42	38	35	35	34	38
20 largest companies.....	(X)	4	56	53	59	52	54	60	56	45	44	48	57
50 largest companies.....	(X)	10	77	74	78	72	74	78	78	72	60	74	77
INDUSTRY 3832.--OPTICAL INSTRUMENTS AND LENSES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	467	491	\$531.5	18.6	\$191.4	10.2	20.3	\$84.0	\$379.8	\$12.6	\$2.6	\$10.0	\$173.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	42	34	38	29	31	34	44	23	(D)	(D)	41
8 largest companies.....	(X)	6	53	46	51	39	41	43	55	43	33	45	52
20 largest companies.....	(X)	8	66	60	65	54	56	58	68	65	63	65	65
50 largest companies.....	(X)	15	79	74	78	69	71	72	80	75	71	75	80
INDUSTRY 3841.--SURGICAL AND MEDICAL INSTRUMENTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	448	506	\$961.8	34.5	\$282.4	24.3	48.0	\$161.1	\$630.0	\$42.0	\$16.0	\$26.0	\$347.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	32	29	27	31	31	30	33	27	18	33	31
8 largest companies.....	(X)	8	45	44	41	47	47	46	46	49	48	49	43
20 largest companies.....	(X)	12	64	62	61	64	64	65	64	65	64	65	64
50 largest companies.....	(X)	20	81	78	78	78	78	78	81	83	82	84	83
INDUSTRY 3842.--SURGICAL APPLIANCES AND SUPPLIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	780	873	\$1,456.1	44.0	\$365.9	29.9	58.3	\$198.1	\$936.7	\$47.5	\$16.5	\$31.0	\$536.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	41	28	33	27	27	33	44	(D)	(D)	(D)	38
8 largest companies.....	(X)	2	54	37	44	34	34	42	55	52	49	53	51
20 largest companies.....	(X)	5	67	53	60	49	50	57	68	65	58	69	64
50 largest companies.....	(X)	11	81	72	76	70	70	74	82	79	75	82	79

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3843.--DENTAL EQUIPMENT AND SUPPLIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	385	429	\$409.2	12.4	\$110.0	8.5	16.6	\$58.3	\$262.3	\$14.9	\$6.3	\$8.6	\$159.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	35	33	33	33	34	36	36	51	54	48	35
8 largest companies.....	(X)	6	49	40	43	38	39	41	46	64	73	58	53
20 largest companies.....	(X)	12	71	63	66	61	62	64	71	79	84	76	73
50 largest companies.....	(X)	21	87	80	82	77	78	79	86	89	91	88	89
INDUSTRY 3851.--OPHTHALMIC GOODS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	447	499	\$568.3	26.6	\$183.4	20.5	39.8	\$129.9	\$416.3	\$17.4	\$3.2	\$14.1	\$180.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	56	53	57	51	51	58	60	44	35	46	49
8 largest companies.....	(X)	6	66	62	66	60	61	68	69	53	39	56	61
20 largest companies.....	(X)	9	77	72	76	70	71	77	79	62	50	64	75
50 largest companies.....	(X)	18	89	85	87	85	86	88	89	86	87	86	88
INDUSTRY 3861.--PHOTOGRAPHIC EQUIPMENT AND SUPPLIES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	555	627	\$5,623.9	96.0	\$1,119.7	56.0	107.0	\$545.8	\$4,087.9	\$202.9	\$39.8	\$163.1	\$1,487.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	74	58	66	55	54	64	79	76	77	76	60
8 largest companies.....	(X)	6	85	74	80	72	72	79	88	85	(D)	(D)	75
20 largest companies.....	(X)	10	92	84	88	82	82	87	93	90	89	91	86
50 largest companies.....	(X)	17	95	91	93	90	90	93	96	95	96	95	94
INDUSTRY 3873.--WATCHES, CLOCKS, AND WATCHCASES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	183	202	\$937.2	30.8	\$230.3	24.7	47.6	\$153.8	\$466.0	\$18.8	\$7.7	\$11.1	\$482.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	7	55	50	50	51	51	51	49	25	8	37	60
8 largest companies.....	(X)	11	67	64	63	65	65	64	65	52	39	61	69
20 largest companies.....	(X)	19	84	81	81	81	81	82	83	77	78	76	85
50 largest companies.....	(X)	34	96	93	93	93	93	93	95	88	96	83	96
INDUSTRY 3911.--JEWELRY, PRECIOUS METAL													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,497	1,524	\$1,124.6	32.6	\$267.2	23.8	44.6	\$155.8	\$536.0	\$10.3	\$3.8	\$6.5	\$612.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	21	14	16	12	13	11	18	14	8	18	24
8 largest companies.....	(X)	1	26	19	22	16	17	17	23	18	11	22	28
20 largest companies.....	(X)	3	35	30	32	28	28	28	34	35	37	33	37
50 largest companies.....	(X)	5	49	45	48	43	44	44	49	55	68	47	51
INDUSTRY 3914.--SILVERWARE AND PLATED WARE													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	189	206	\$377.4	13.1	\$106.4	10.0	19.9	\$76.0	\$206.8	\$9.8	\$2.6	\$7.2	\$178.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	52	48	50	49	51	54	48	41	(D)	(D)	56
8 largest companies.....	(X)	8	68	63	67	61	63	68	65	81	87	79	71
20 largest companies.....	(X)	18	85	79	82	78	79	82	84	92	88	94	86
50 largest companies.....	(X)	33	94	92	93	91	92	93	94	97	97	97	95

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3915.--JEWELERS' MATERIALS AND LAPIDARY WORK													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	566	567	\$323.3	8.0	\$55.7	6.7	12.5	\$36.3	\$116.4	\$5.3	\$1.3	\$4.0	\$216.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	18	9	11	8	8	9	14	12	10	12	22
8 largest companies.....	(X)	2	29	13	16	11	12	13	20	30	33	29	35
20 largest companies.....	(X)	4	51	27	31	23	25	27	36	51	53	50	60
50 largest companies.....	(X)	9	71	47	54	43	45	50	62	64	66	64	78
INDUSTRY 3931.--MUSICAL INSTRUMENTS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	310	344	\$617.5	24.5	\$173.4	19.7	38.3	\$123.9	\$339.3	\$10.6	\$2.9	\$7.8	\$296.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	38	36	34	36	38	38	35	31	14	38	42
8 largest companies.....	(X)	8	60	51	52	52	53	54	56	43	31	48	65
20 largest companies.....	(X)	15	82	77	77	76	77	77	79	79	70	82	86
50 largest companies.....	(X)	24	94	91	92	91	92	92	93	92	91	93	94
INDUSTRY 3942.--DOLLS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	237	243	\$199.1	10.2	\$54.0	9.0	16.2	\$38.6	\$98.3	\$1.7	\$0.4	\$1.4	\$101.5
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	22	15	18	15	15	14	22	13	(D)	(D)	21
8 largest companies.....	(X)	4	34	26	29	26	27	27	32	19	6	23	35
20 largest companies.....	(X)	10	55	45	48	45	47	46	52	31	14	36	57
50 largest companies.....	(X)	23	79	72	75	71	73	73	77	65	21	77	81
INDUSTRY 3944.--GAMES, TOYS, AND CHILDREN'S VEHICLES													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	618	664	\$1,734.3	61.5	\$421.0	48.3	91.9	\$269.1	\$980.6	\$72.7	\$22.7	\$50.0	\$761.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	35	27	39	25	26	28	36	32	31	32	32
8 largest companies.....	(X)	5	49	41	46	38	33	43	51	43	42	44	47
20 largest companies.....	(X)	8	65	59	64	57	58	63	66	60	47	65	63
50 largest companies.....	(X)	14	80	75	79	73	75	78	80	80	74	82	80
INDUSTRY 3949.--SPORTING AND ATHLETIC GOODS, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	1,441	1,553	\$1,729.2	61.0	\$405.9	49.1	93.5	\$291.7	\$920.4	\$46.7	\$17.3	\$29.4	\$843.6
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	28	23	27	22	23	29	23	15	9	18	32
8 largest companies.....	(X)	4	37	30	35	29	30	37	33	24	15	29	41
20 largest companies.....	(X)	6	50	42	48	42	43	50	46	37	27	43	52
50 largest companies.....	(X)	9	66	58	62	57	59	63	64	56	51	59	68
INDUSTRY 3951.--PENS AND MECHANICAL PENCILS													
Total (columns c, e, g, h to m in millions, d and f in thousands)...	112	117	\$310.5	10.9	\$81.9	8.5	16.4	\$52.6	\$213.7	\$7.6	\$0.9	\$6.7	\$104.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	47	35	44	33	34	42	55	52	48	53	35
8 largest companies.....	(X)	9	63	50	60	47	49	56	71	62	55	63	51
20 largest companies.....	(X)	21	82	75	80	74	76	79	80	86	84	86	76
50 largest companies.....	(X)	47	96	94	95	94	94	95	96	97	94	97	95

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Establishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3952.--LEAD PENCILS AND ART GOODS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	136	144	\$198.8	7.1	\$50.0	5.1	10.4	\$28.6	\$108.2	\$3.9	\$0.8	\$3.1	\$90.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	41	33	40	30	32	35	44	24	6	29	36
8 largest companies.....	(X)	10	64	60	65	57	60	62	66	48	13	57	60
20 largest companies.....	(X)	19	82	78	81	76	77	79	83	76	64	79	80
50 largest companies.....	(X)	40	95	94	95	93	94	94	95	97	95	97	95
INDUSTRY 3953.--MARKING DEVICES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	584	621	\$180.0	8.1	\$63.2	5.5	10.7	\$36.0	\$121.5	\$2.6	\$0.6	\$2.0	\$60.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	6	31	27	30	25	28	27	30	22	17	23	35
8 largest companies.....	(X)	7	38	33	36	31	33	33	36	(D)	(D)	(D)	43
20 largest companies.....	(X)	9	49	42	46	40	42	44	48	47	48	47	53
50 largest companies.....	(X)	14	63	56	60	55	57	58	62	61	65	59	66
INDUSTRY 3955.--CARBON PAPER AND INKED RIBBONS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	72	84	\$237.5	5.7	\$49.1	3.8	7.8	\$27.9	\$113.4	\$5.7	\$1.9	\$3.8	\$123.4
Percent of above totals accounted for by--													
4 largest companies.....	(X)	16	37	39	42	38	39	40	36	39	44	37	39
8 largest companies.....	(X)	23	58	53	55	53	53	55	60	66	69	64	57
20 largest companies.....	(X)	38	83	80	83	78	80	82	84	89	94	87	81
50 largest companies.....	(X)	74	99	99	99	98	99	99	99	99	99+	99	99
INDUSTRY 3961.--COSTUME JEWELRY													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	764	766	\$471.6	21.4	\$132.1	17.6	32.1	\$82.2	\$275.7	\$6.7	\$2.2	\$4.5	\$198.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	17	13	18	13	14	15	19	12	(D)	(D)	13
8 largest companies.....	(X)	1	27	21	25	21	21	22	29	14	19	12	25
20 largest companies.....	(X)	3	41	34	39	34	35	36	44	37	47	32	38
50 largest companies.....	(X)	7	59	53	56	53	54	54	59	56	67	51	59
INDUSTRY 3962.--ARTIFICIAL FLOWERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	260	263	\$108.7	4.8	\$26.7	4.2	7.3	\$18.0	\$57.5	\$3.2	\$1.2	\$2.0	\$52.0
Percent of above totals accounted for by--													
4 largest companies.....	(X)	2	33	32	31	32	31	32	32	24	44	12	33
8 largest companies.....	(X)	4	44	42	43	42	43	44	45	29	(D)	(D)	44
20 largest companies.....	(X)	9	61	54	55	54	55	57	61	36	52	26	62
50 largest companies.....	(X)	20	79	73	76	73	74	77	79	44	58	36	80
INDUSTRY 3963.--BUTTONS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	179	186	\$93.7	4.0	\$26.7	3.2	6.0	\$17.6	\$51.8	\$2.3	\$0.2	\$2.2	\$42.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	5	31	26	29	24	26	27	31	27	39	26	33
8 largest companies.....	(X)	8	47	38	44	36	39	42	45	34	41	33	49
20 largest companies.....	(X)	15	70	61	65	58	59	62	68	56	63	55	72
50 largest companies.....	(X)	31	87	81	84	81	82	84	86	95	84	96	89

See footnotes at end of table.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

Company size group	Number of—		Value of shipments	All employees		Production workers			Value added by manufacture	Capital expenditures, new ¹			Cost of materials
	Companies	Estab-lishments		Number	Payroll	Number	Man-hours	Wages		Total	Structures and additions to plant	Machinery and equipment	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
INDUSTRY 3964.--NEEDLES, PINS, AND FASTENERS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	244	267	\$574.7	20.2	\$137.7	16.1	32.0	\$94.6	\$334.5	\$21.2	\$5.4	\$15.8	\$240.1
Percent of above totals accounted for by--													
4 largest companies.....	(X)	8	48	44	45	44	44	46	52	49	(D)	(D)	42
8 largest companies.....	(X)	10	59	54	56	53	53	55	61	55	71	50	55
20 largest companies.....	(X)	15	73	68	70	66	66	69	75	67	79	63	69
50 largest companies.....	(X)	27	88	86	86	85	85	87	89	89	94	87	86
INDUSTRY 3991.--BROOMS AND BRUSHES													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	430	450	\$438.3	17.5	\$118.5	14.2	26.8	\$79.5	\$235.5	\$13.0	\$2.5	\$10.5	\$204.9
Percent of above totals accounted for by--													
4 largest companies.....	(X)	3	24	20	25	19	21	25	23	20	16	21	24
8 largest companies.....	(X)	4	36	32	36	31	33	37	38	32	19	35	34
20 largest companies.....	(X)	8	53	47	53	46	48	53	54	48	36	51	51
50 largest companies.....	(X)	15	72	66	72	64	66	71	73	62	49	65	72
INDUSTRY 3993.--SIGNS AND ADVERTISING DISPLAYS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	3,221	3,287	\$1,198.1	49.8	\$415.9	37.5	68.3	\$261.6	\$747.7	\$30.6	\$8.7	\$22.0	\$460.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	1	6	5	5	5	4	6	6	2	2	2	7
8 largest companies.....	(X)	1	10	8	8	7	7	8	9	4	2	4	12
20 largest companies.....	(X)	2	18	14	15	13	14	15	17	11	15	10	20
50 largest companies.....	(X)	3	29	24	25	23	23	25	28	24	33	20	32
INDUSTRY 3995.--BURIAL CASKETS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	474	515	\$391.9	14.8	\$109.3	11.8	22.6	\$72.0	\$210.3	\$8.8	\$1.9	\$6.8	\$183.7
Percent of above totals accounted for by--													
4 largest companies.....	(X)	4	25	23	25	22	22	25	31	38	15	45	19
8 largest companies.....	(X)	6	34	30	33	29	30	32	39	47	34	51	28
20 largest companies.....	(X)	10	47	44	48	43	44	48	54	63	48	67	41
50 largest companies.....	(X)	17	63	58	63	57	58	62	67	72	56	77	58
INDUSTRY 3996.--HARD SURFACE FLOOR COVERINGS													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	18	20	\$342.3	5.8	\$59.4	4.6	9.7	\$44.7	\$212.0	\$14.0	\$3.9	\$10.2	\$135.2
Percent of above totals accounted for by--													
4 largest companies.....	(X)	25	91	85	88	86	87	89	93	94	96	94	89
8 largest companies.....	(X)	45	98	98	98	98	98	99	98	99	(D)	(D)	99
20 largest companies.....	(X)	100	100	100	100	100	100	100	100	100	100	100	100
50 largest companies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
INDUSTRY 3999.--MANUFACTURING INDUSTRIES, N.E.C.													
Total (columns c, e, g, h to m in millions, d and f in thousands)..	3,313	3,367	\$1,534.7	65.1	\$430.5	51.4	94.5	\$280.1	\$897.2	\$40.2	\$12.9	\$27.2	\$651.8
Percent of above totals accounted for by--													
4 largest companies.....	(X)	(Z)	12	6	10	4	5	8	12	19	(D)	(D)	11
8 largest companies.....	(X)	(Z)	19	12	17	10	11	15	21	30	40	25	17
20 largest companies.....	(X)	1	30	21	26	20	21	25	32	39	48	35	28
50 largest companies.....	(X)	2	43	33	38	31	34	38	44	48	54	45	42

See footnotes on next page.

TABLE 8. Share of Selected Items Accounted for by the 4, 8, 20, and 50 Largest Companies Ranked on Value of Shipments for Each Industry: 1972—Continued

(Footnotes for Table 8)

- Represents zero. (X) Not applicable. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of one percent.

¹Includes expenditures for plants in operation and for plants under construction but not yet in operation.

²Value added by manufacture is the basis for determining company rank in this industry rather than value of shipments.

³The value of shipments figures for this industry include extensive duplication arising from shipments between establishments in the same industry classification.

⁴Establishments in this industry reported value of production rather than value of shipments. Consequently, the formula for computing adjusted value added by manufacture was modified to include only changes in work-in-process inventories between the beginning and end of the year.

⁵In this industry, which contains a large number of very small establishments, there is a possibility that some of these small establishments have been misclassified as to industry. Only the company and establishment counts are affected by these misclassifications.

⁶Government-owned, contractor-operated plants are included in addition to privately-owned establishments. For these government-owned, contractor-operated plants, the data includes value added based upon averages reported for commercial establishments in prior years but excludes government-owned materials furnished to these establishments and capital expenditures.

⁷Separate data cannot be published for industry 3572, Typewriters, without revealing the operations of individual companies; accordingly, industry 3572 has been combined with industry 3579, Office Machines, N.E.C., for 1972.

⁸Value of work done rather than value of shipments is reported for this industry; therefore, value added has not been adjusted for any inventory change.

Type of Organization

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EXPLANATORY TEXT

Information concerning whether a plant is either independent or part of a multiestablishment company contributes importantly to our knowledge of the structure of manufactures in the United States. However, this classification is significantly affected by the way in which the census of manufactures is taken. In 1947, it was not taken in conjunction with the census of business or mineral industries and the multiunit classification depended on whether or not the company operated more than one manufacturing plant. In 1954 and since, the census of manufactures has been conducted in conjunction with the censuses of business and mineral industries, and so the multiunit classification now depends on whether or not the company operates at more than one location within the temporal spans of those censuses. Thus, in 1954 and subsequent census years, a company with one manufacturing plant and a nonmanufacturing location or separate administrative office was classified as multiunit.

While the importance of multiunit establishments, in terms of employment and value added, has increased since 1947 (see table 1), part of this increase is undoubtedly due to the change in collection procedures that took place between 1947 and 1954. However, during those years, this increase in employment and value added was accompanied by a decline in the percentage of establishments accounted for by multiunit companies. Part of this was due to the inclusion in the 1954 Census of Manufactures of industries characterized by a large number of small firms (e.g., milk distribution and logging) which account for a very small amount of the total manufacturing employment and value added. This shifting in the determination of single and multiunit establishments did not occur after the 1954 census, and the 1958 and 1963 data are completely comparable.

In 1963, each establishment was asked to report the form of organization of the company which operated it. In 1967, a

separate category of establishments was created to account for single-unit manufacturing firms with less than 10 employees which were excused from filing reports. Information for most single-unit establishments with less than 10 employees in 1967 is contained in the "administrative record" classification. Thus, the relative importance of the single-unit classification can be determined by the combination of the categories, "single-unit companies," and "administrative records."

In 1972, the method for classifying multiunit and single-unit companies was the same as in 1967. However, "legal form of organization" data was not requested on the 1972 census report forms. They were, instead, compiled from administrative-record information obtained from other government agencies.

A review of the legal form of organization data indicated that a number of establishments were not classified by form of organization. Those establishments with 20 employees or more were contacted to determine this information. Establishments with less than 20 employees were not contacted and have been classified as unknown. There were approximately 27,000 small establishments classified in the unknown legal form of organization category. These establishments account for 0.5 percent of total employment in the United States and 0.6 percent of value of shipments.

Data in this publication may differ slightly from the industry and area reports previously published. These differences are due to corrections which were made for minor errors identified after the industry and area reports were issued. This report reflects these corrections.

TABLE 1. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization: 1972, 1967, 1963, 1958, 1954, and 1947

Item ¹ and year	Establishments (number)	All employees		Production workers		Value added by manufacture (million dollars)	Capital expenditures, new ² (million dollars)
		Total	Payroll	Total	Wages		
		(1,000)	(million dollars)	(1,000)	(million dollars)		
All establishments.....							
1972..	320,710	19,029	174,206	13,528	105,502	353,994	24,078
1967..	305,680	18,498	123,481	13,955	81,394	261,984	21,503
1963..	306,617	16,235	93,289	12,232	62,394	192,103	11,371
1958..	298,182	15,381	73,773	11,367	48,471	143,159	9,531
1954..	286,814	15,645	62,963	12,372	44,591	117,032	8,201
1947..	240,807	14,294	39,696	11,918	30,244	74,290	5,998
Type of operation: ³							
Multiunit companies, total.....							
1972..	70,198	14,264	138,758	9,792	81,941	286,126	20,040
1967..	51,706	13,310	93,687	9,790	60,875	206,437	18,596
1963..	45,862	11,015	68,202	8,110	44,721	146,605	8,934
1958..	41,871	10,064	51,785	7,174	33,469	105,306	7,525
1954..	31,769	9,480	40,623	7,402	28,987	79,604	6,485
1947..	35,202	8,007	22,788	6,686	17,787	43,947	(NA)
Corporate ownership or control.....							
1972..	69,177	14,210	138,374	9,753	81,693	285,198	19,978
1967..	50,168	13,206	93,053	9,718	60,499	204,986	18,463
1963..	43,568	10,890	67,602	8,017	44,325	145,269	8,832
1958..	39,048	9,964	51,407	7,197	33,103	104,475	7,465
1954..	29,820	9,387	40,309	7,327	28,858	78,977	6,435
1947..	29,557	7,830	22,400	6,535	17,593	43,208	(NA)
Noncorporate ownership.....							
1972..	1,021	54	385	39	248	928	63
1967..	1,538	104	634	71	376	1,451	133
1963..	2,294	125	599	93	396	1,336	102
1958..	2,823	100	378	77	266	831	60
1954..	1,949	93	314	75	229	627	50
1947..	5,645	177	388	151	294	739	(NA)
Single-unit companies, total.....							
1972..	250,512	4,765	35,447	3,736	23,561	67,868	4,037
1967..	135,352	4,917	28,482	3,904	19,563	52,460	2,762
1963..	260,755	5,220	25,087	4,122	17,373	45,497	2,437
1958..	256,311	5,317	21,887	4,193	15,102	37,853	2,006
1954..	255,045	6,165	22,340	4,970	15,604	37,428	1,716
1947..	205,605	6,287	16,907	5,232	12,457	30,343	(NA)
Corporate ownership or control.....							
1972..	164,036	4,337	32,788	3,366	21,572	61,888	3,647
1967..	103,723	4,491	26,408	3,542	17,931	48,275	2,525
1963..	132,622	4,355	21,754	3,409	14,739	38,831	1,959
1958..	123,701	4,252	18,478	3,301	12,352	31,169	1,461
1954..	118,641	4,886	18,742	3,879	12,722	30,692	1,317
1947..	88,545	5,026	14,180	4,114	10,144	25,086	(NA)
Noncorporate ownership.....							
1972..	86,476	428	2,659	369	1,990	5,980	390
1967..	31,629	425	2,075	361	1,632	4,185	237
1963..	128,133	865	3,333	713	2,634	6,666	478
1958..	132,610	1,065	3,409	892	2,750	6,684	545
1954..	136,404	1,279	3,598	1,091	2,882	6,736	399
1947..	117,060	1,261	2,727	1,118	2,313	5,257	(NA)
Administrative records ^{4 5 6}							
1967..	118,622	271	1,313	263	957	3,086	145
Legal form of organization:							
Corporate.....							
1972..	233,213	18,547	171,162	13,120	103,264	347,086	23,625
1967..	153,892	17,697	119,530	113,260	78,429	253,261	20,988
1963..	176,190	15,245	89,356	11,426	59,064	184,100	10,791
1958..	162,749	14,215	69,885	10,398	45,455	135,644	8,926
1954..	148,461	14,273	59,051	11,206	41,480	109,669	7,752
1947..	118,102	12,856	36,580	10,649	27,637	68,294	(NA)
Noncorporate, total.....							
1972..	87,497	482	3,043	408	2,237	6,908	453
1967..	33,165	530	2,709	433	2,008	5,636	370
1963..	130,427	990	3,932	806	3,030	8,002	580
1958..	135,433	1,165	3,787	969	3,016	7,515	605
1954..	138,353	1,372	3,912	1,166	3,111	7,363	449
1947..	122,705	1,438	3,115	1,269	2,607	5,996	(NA)
Individual.....							
1972..	42,507	213	1,303	183	963	2,885	186
1967..	24,897	243	1,187	210	933	2,361	141
1963..	99,174	536	2,033	440	1,595	3,916	315
1958..	91,276	542	1,637	461	1,349	3,115	317
1954..	88,224	593	1,527	507	1,237	2,735	176
1947..	69,498	586	1,184	522	1,001	2,162	(NA)
Partnership.....							
1972..	17,666	167	1,067	139	792	2,413	150
1967..	6,731	193	971	157	730	1,895	114
1963..	27,677	334	1,034	277	1,062	2,726	141
1958..	41,958	543	1,836	452	1,458	3,663	223
1954..	47,885	703	2,108	602	1,684	4,054	216
1947..	50,771	757	1,687	673	1,432	3,347	(NA)
Other and unknown.....							
1972..	27,324	102	673	86	483	1,611	117
1967..	1,539	94	550	66	345	1,380	115
Administrative records ^{4 5 6}							
1967..	118,622	271	1,313	263	957	3,086	145

See footnotes on next page.

TABLE 1. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization: 1972, 1967, 1963, 1958, 1954, and 1947—Continued

(Footnotes for table 1)

NA Not available.

¹The 1958 and 1963 figures include establishments classified in industry 3273, Ready-Mixed Concrete, and establishments classified in industry 3599, Miscellaneous Machinery, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the 1954 and 1947 figures. The 1963, 1958, and 1954 figures include data for establishments engaged in the processing and distribution of fluid milk, industry group 202, Dairies. Those establishments were not included in the 1947 figures. In addition, the 1963 and 1954 census figures include data for logging camps and contractors, industry 2411, which were not included within the scope of the 1947 census. Data for Alaska and Hawaii, which are included for 1963, are not available on a type-of-operation and legal form of organization basis for 1958 and earlier years.

²The figures for 1954, 1958, 1963, 1967, and 1972 include expenditures for plants under construction and not yet in operation. This information was not collected for 1947.

³All data are based on reports for individual manufacturing establishments, and not on a company basis. Each establishment of multiestablishment companies is classified by its primary industrial activity. For this reason, the statistics presented in this table cannot be compared directly with tabulations in which the whole corporation or company is the reporting unit and the entire company is classified in one industry—for example, "Statistics of Income, Corporation Income Tax Returns," compiled by the Bureau of Internal Revenue, U.S. Treasury Department. Since 1958, establishments were classified as part of a multiunit company when the company operated two establishments or more, of which at least one was a manufacturing establishment. In 1947, establishments were considered part of a multiunit only if the company operated two manufacturing establishments or more.

⁴For 1963 and earlier years, the difference between the sum of individual and partnership forms of organization and the total for noncorporate is represented by other noncorporate forms including cooperatives, establishments operated by estate administrators, trusteeships, receiverships, public and quasi-public organizations, and, in addition, the misassignment of small establishments that were not corrected since they were not statistically significant. For 1972 and 1967, this category is shown for each industry and for all manufacturing total.

⁵In 1967, administrative records were not identified by legal form of ownership or as single-unit or multiunit companies. However, the administrative records are all for single-unit establishments.

⁶In the 1967 census, no legal form of ownership information was available for classifying administrative records. In the 1972 census, legal form of ownership data were supplied by the Internal Revenue Service, and administrative records were tabulated based on this data. For comparison purposes, the following are total 1972 census data for administrative records: 122,164 establishments, 382 (000) employees, \$2,626 million payroll, 328 (000) production workers, \$1,795 million production workers' wages, \$5,957 million value added, and \$376 million capital expenditures.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
	ALL INDUSTRIES, TOTAL	320 701	114 186	19026.8	174186.7	13 525.7	26 696.7	105491.0	353993.8	407395.4	756466.9	24 073.1	103043.5	108935.2
	TOTAL	70 189	53 762	14261.8	138739.5	9 790.1	19 614.8	81929.8	286125.5	339132.3	621142.9	20 035.8	89148.8	93680.4
	MULTIUNIT COMPANIES, TOTAL	69 168	53 291	14208.3	138355.0	9 751.0	19 535.0	81682.0	285197.5	337019.8	618093.8	19 972.9	88793.3	93357.0
	CORPORATE OWNERSHIP OR CONTROL	1 021	471	53.6	384.5	39.1	79.8	247.8	927.9	2112.4	3049.0	62.9	355.3	323.4
	NONCORPORATE OWNERSHIP	250 512	60 424	4764.9	35447.2	3 735.7	7 081.9	23561.2	67868.4	68263.2	135324.0	4 037.2	13694.9	15254.8
	SINGLE UNIT COMPANIES, TOTAL	164 036	56 458	4336.6	32788.4	3 366.5	6 430.5	21571.6	61888.1	62087.4	123187.2	3 647.3	12680.3	14015.5
	CORPORATE OWNERSHIP OR CONTROL	86 476	3 966	428.4	2658.8	369.2	651.4	1989.5	5980.3	6175.8	12136.6	390.0	1214.4	1239.3
	NONCORPORATE OWNERSHIP	233 204	109 749	18544.8	171143.4	13 117.5	25 966.5	103255.6	347085.6	399107.2	741281.0	23 620.2	101473.8	107372.5
	CORPORATE	87 497	4 437	482.0	3043.3	408.2	731.2	2237.4	6908.3	8288.2	15185.9	452.9	1569.7	1562.7
	NONCORPORATE, TOTAL	42 507	2 192	213.4	1303.3	182.7	317.3	962.9	2884.6	2627.1	5502.2	185.6	542.5	550.0
	INDIVIDUAL	17 666	2 022	166.9	1067.3	139.3	259.0	791.8	2413.1	2672.9	5072.6	150.3	476.6	483.2
	PARTNERSHIP	27 324	223	101.7	672.7	86.3	154.8	482.7	1610.5	2988.2	4611.0	117.0	550.3	529.4
	OTHER AND UNKNOWN													
20	FOOD AND KINDRED PRODUCTS	28 183	12 325	1569.3	12920.2	1 085.3	2 166.8	8007.0	35614.8	79793.0	115051.5	2 355.0	9565.1	10025.5
	TOTAL	8 565	6 659	1125.6	9732.7	789.9	1 590.2	6220.1	28546.5	62374.8	90620.5	1 865.1	8032.5	8356.6
	MULTIUNIT COMPANIES, TOTAL	8 196	6 468	1104.6	9585.4	774.4	1 559.6	6120.1	28106.8	60828.2	88627.6	1 839.3	7806.8	8154.5
	CORPORATE OWNERSHIP OR CONTROL	369	191	21.0	147.3	15.5	30.6	100.0	439.8	1547.7	1992.9	25.8	225.4	202.1
	NONCORPORATE OWNERSHIP	19 618	5 666	443.7	3187.5	295.4	576.7	1786.9	7068.3	17417.2	24431.0	489.9	1532.5	1666.9
	SINGLE UNIT COMPANIES, TOTAL	12 126	5 082	391.2	2859.6	258.2	507.6	1585.1	6216.1	15297.1	21461.9	431.9	1307.4	1429.9
	CORPORATE OWNERSHIP OR CONTROL	7 492	584	52.5	327.8	37.2	69.1	201.8	852.1	2120.1	2969.2	57.9	225.1	238.9
	NONCORPORATE OWNERSHIP													
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	20 322	11 550	1495.9	12446.6	1 032.6	2 067.2	7705.2	34322.9	76125.2	11089.0	2 271.2	9114.2	9584.4
	NONCORPORATE, TOTAL	7 861	775	73.4	475.2	52.8	99.7	301.8	1291.9	3667.8	4962.0	83.8	450.9	441.0
	INDIVIDUAL	3 385	255	19.3	112.4	13.8	24.2	68.6	276.9	647.9	923.7	16.2	49.5	50.5
	PARTNERSHIP	1 877	306	22.4	143.3	14.6	28.1	82.6	389.5	852.1	1238.6	21.8	66.4	69.8
	OTHER AND UNKNOWN	2 599	214	31.8	219.5	24.4	47.4	150.6	625.5	2167.8	2799.8	45.8	334.8	320.7
2011	MEATPACKING PLANTS	2 474	863	157.5	1532.1	123.4	254.4	1148.4	2968.1	20120.1	23003.4	167.7	479.7	555.9
	TOTAL	381	304	108.6	1117.5	85.4	175.2	855.7	2132.2	14619.4	16681.9	118.0	358.4	419.5
	MULTIUNIT COMPANIES, TOTAL	344	295	107.6	1111.1	84.6	173.6	851.1	2120.7	14543.1	15594.5	116.7	356.6	417.6
	CORPORATE OWNERSHIP OR CONTROL	37	9	1.0	6.4	1.8	1.6	4.6	11.5	76.2	87.4	1.3	1.8	1.9
	NONCORPORATE OWNERSHIP	2 093	559	49.0	414.6	38.0	79.3	835.9	5500.7	6321.5	49.7	121.3	136.4	136.4
	SINGLE UNIT COMPANIES, TOTAL	1 070	499	43.9	379.3	33.8	71.1	266.0	736.8	5099.2	5821.3	44.9	109.4	124.4
	CORPORATE OWNERSHIP OR CONTROL	1 023	60	5.1	35.3	4.2	8.2	26.7	99.1	401.6	500.1	4.8	11.9	12.0
	NONCORPORATE OWNERSHIP													
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 414	794	151.5	1490.4	118.4	244.7	1117.1	2857.4	19642.3	22415.9	161.6	466.0	542.0
	NONCORPORATE, TOTAL	1 060	69	6.1	41.7	5.0	9.7	31.3	110.6	477.8	587.5	6.1	13.7	13.9
	INDIVIDUAL	513	33	2.7	17.9	2.2	4.2	13.4	37.9	203.0	239.7	2.0	4.9	6.0
	PARTNERSHIP	237	33	2.2	15.4	1.8	3.5	11.9	57.6	210.6	268.9	2.7	6.7	5.7
	OTHER AND UNKNOWN	310	3	1.2	8.4	1.0	2.0	6.0	15.1	64.2	78.9	1.3	2.1	2.2
2013	SAUSAGES AND OTHER PREPARED MEATS	1 311	557	58.1	542.2	43.5	88.2	372.2	1099.9	3556.0	4632.4	74.0	195.6	221.7
	TOTAL	256	209	32.6	321.2	24.4	50.1	224.5	661.9	2252.0	2896.5	47.9	133.7	152.7
	MULTIUNIT COMPANIES, TOTAL	248	208	32.6	320.9	24.4	50.0	224.2	661.3	2249.9	2893.9	47.8	133.5	152.5
	CORPORATE OWNERSHIP OR CONTROL	8	1	.1	.4	.1	.1	.3	.6	2.1	2.6	.1	.2	.2
	NONCORPORATE OWNERSHIP	1 055	348	25.4	221.0	19.0	38.1	147.7	438.0	1304.0	1735.9	26.1	61.9	69.0
	SINGLE UNIT COMPANIES, TOTAL	713	333	24.0	210.7	17.8	35.9	140.4	412.4	1234.5	1641.0	23.3	58.5	65.3
	CORPORATE OWNERSHIP OR CONTROL	342	15	1.5	10.3	1.2	2.3	7.3	25.6	69.5	94.9	2.8	3.4	3.7
	NONCORPORATE OWNERSHIP													
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	961	541	56.5	531.6	42.2	85.8	364.6	1073.7	3484.5	4534.9	71.1	191.9	217.8
	NONCORPORATE, TOTAL	350	16	1.5	10.6	1.3	2.4	7.6	26.2	71.5	97.5	2.9	3.6	3.9
	INDIVIDUAL	170	8	.7	4.8	.6	1.1	3.3	11.7	30.3	41.9	1.5	1.7	1.8
	PARTNERSHIP	97	8	.6	4.1	.5	1.0	3.1	10.4	29.5	39.8	.9	1.3	1.4
	OTHER AND UNKNOWN	83	—	.2	1.7	.2	.3	1.2	4.1	11.7	15.8	.4	.6	.7

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2016	POULTRY DRESSING PLANTS													
	TOTAL	522	369	77.6	391.8	70.7	139.3	331.1	724.4	2527.0	3254.1	45.5	115.1	111.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	214	197	50.8	257.0	46.4	92.4	221.7	476.5	1656.6	2137.4	31.0	77.1	72.3
	CORPORATE OWNERSHIP OR CONTROL	202	185	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	12	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	308	172	26.8	134.8	24.3	46.9	109.4	247.9	870.4	1116.7	14.5	38.0	38.8
	CORPORATE OWNERSHIP OR CONTROL	207	150	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	101	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	409	335	69.8	354.5	63.7	125.8	298.3	659.2	2287.0	2947.9	40.9	103.6	100.5
	NONCORPORATE, TOTAL	113	34	7.7	37.2	7.0	13.5	32.8	65.3	240.0	306.2	4.6	11.4	10.7
	INDIVIDUAL	40	7	.6	2.4	.5	.9	1.9	4.5	20.2	24.7	.3	.7	.7
	PARTNERSHIP	24	6	.9	4.9	.8	1.6	4.4	7.2	33.8	41.0	.6	1.4	1.5
	OTHER AND UNKNOWN	49	21	6.3	30.0	5.8	11.0	26.5	53.6	186.0	240.5	3.7	9.4	8.5
2017	POULTRY AND EGG PROCESSING													
	TOTAL	130	93	14.6	77.5	13.0	24.7	61.7	168.5	419.6	588.1	12.4	59.0	62.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	57	51	10.0	54.1	8.8	17.2	42.6	113.3	279.3	396.0	8.1	49.7	48.9
	CORPORATE OWNERSHIP OR CONTROL	56	50	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	73	42	4.6	23.4	4.2	7.6	19.1	55.2	140.3	192.1	4.3	9.9	13.6
	CORPORATE OWNERSHIP OR CONTROL	58	36	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	15	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	114	86	14.2	75.8	12.6	24.1	60.2	165.5	409.6	575.1	12.2	58.8	61.8
	NONCORPORATE, TOTAL	16	7	.4	1.8	.4	.7	1.5	3.0	10.0	13.0	.2	.8	.8
	INDIVIDUAL	6	3	.2	.9	.2	.3	.7	1.7	5.0	6.6	.1	.2	.3
	PARTNERSHIP	5	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2021	CREAMERY BUTTER													
	TOTAL	231	63	4.0	31.0	2.9	6.0	22.1	82.3	724.7	808.3	7.8	23.1	20.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	61	43	2.7	21.7	2.0	4.2	15.9	54.9	567.6	623.8	5.7	18.5	15.8
	CORPORATE OWNERSHIP OR CONTROL	51	38	2.3	17.2	1.6	3.4	12.3	44.8	476.1	520.5	4.1	14.7	13.8
	NONCORPORATE OWNERSHIP	10	5	.4	4.5	.4	.8	3.6	10.1	91.5	103.2	1.6	3.8	2.1
	SINGLE UNIT COMPANIES, TOTAL	170	20	1.3	9.3	.9	1.9	6.2	27.4	157.2	184.6	2.1	4.6	4.7
	CORPORATE OWNERSHIP OR CONTROL	62	11	.6	4.7	.4	.8	2.8	9.7	77.0	86.8	1.4	2.1	2.0
	NONCORPORATE OWNERSHIP	108	9	.7	4.6	.5	1.0	3.4	17.7	80.2	97.7	.8	2.5	2.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	113	49	2.8	21.9	2.0	4.2	15.1	54.5	553.0	607.4	5.5	16.9	15.8
	NONCORPORATE, TOTAL	118	14	1.1	9.1	.9	1.8	7.0	27.8	171.7	200.9	2.3	6.2	4.7
	INDIVIDUAL	25	-	.1	.4	(Z)	.1	.2	1.1	7.0	8.0	.1	.3	.3
	PARTNERSHIP	10	1	.1	.4	.1	.1	.3	1.4	10.3	11.6	.1	.5	.4
	OTHER AND UNKNOWN	83	13	1.0	8.3	.8	1.6	6.4	25.3	154.4	181.3	2.2	5.4	4.0
2022	CHEESE, NATURAL AND PROCESSED													
	TOTAL	872	281	25.2	186.3	20.6	40.8	137.1	492.3	2 719.0	3 195.0	49.9	226.8	252.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	212	158	16.3	128.0	13.4	26.3	93.9	310.2	2 052.2	2 350.0	35.5	185.0	207.2
	CORPORATE OWNERSHIP OR CONTROL	194	147	15.6	122.7	12.8	25.2	90.2	288.8	1 975.8	2 251.5	34.4	178.3	199.1
	NONCORPORATE OWNERSHIP	18	11	.7	5.3	.6	1.1	3.8	21.5	76.4	98.5	1.0	6.7	8.2
	SINGLE UNIT COMPANIES, TOTAL	660	123	8.9	58.2	7.3	14.5	43.1	182.0	666.8	845.0	14.4	41.8	45.2
	CORPORATE OWNERSHIP OR CONTROL	286	101	6.1	40.9	4.9	10.0	29.4	115.0	425.1	536.7	9.4	25.4	28.5
	NONCORPORATE OWNERSHIP	374	22	2.7	17.3	2.3	4.4	13.8	67.0	241.7	308.3	5.0	16.4	16.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	480	248	21.7	163.6	17.7	35.3	119.6	403.8	2 398.9	2 788.2	43.6	203.6	227.5
	NONCORPORATE, TOTAL	392	33	3.5	22.6	2.9	5.5	17.5	88.5	320.1	406.8	6.0	23.1	24.9
	INDIVIDUAL	140	4	.7	3.8	.6	1.1	2.8	10.6	58.2	68.8	.7	3.9	3.9
	PARTNERSHIP	60	4	.5	3.1	.4	.9	2.3	16.6	53.8	70.3	.6	3.2	3.5
	OTHER AND UNKNOWN	192	25	2.3	15.8	1.9	3.6	12.4	61.3	208.1	267.7	4.8	15.9	17.5
2023	CONDENSED AND EVAPORATED MILK													
	TOTAL	283	163	12.3	108.3	9.4	19.4	77.8	467.3	1 200.8	1 667.8	32.1	83.4	83.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	178	130	10.4	91.1	8.3	17.1	69.1	424.9	1 079.6	1 505.1	28.8	76.5	74.1
	CORPORATE OWNERSHIP OR CONTROL	164	120	9.8	85.7	7.8	16.0	65.0	408.5	971.8	1 380.8	27.1	73.1	71.2
	NONCORPORATE OWNERSHIP	14	10	.6	5.4	.5	1.1	4.1	16.4	107.7	124.3	1.7	3.4	2.9
	SINGLE UNIT COMPANIES, TOTAL	105	33	1.9	17.2	1.1	2.2	8.7	42.4	121.2	162.8	3.3	6.8	9.2
	CORPORATE OWNERSHIP OR CONTROL	86	27	1.7	15.4	1.0	2.0	7.5	39.9	93.0	132.0	2.9	5.5	8.0
	NONCORPORATE OWNERSHIP	19	6	.2	1.9	.2	.3	1.2	2.5	28.2	30.8	.4	1.3	1.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	250	147	11.5	101.0	8.8	18.0	72.5	448.3	1 064.9	1 512.7	30.0	78.7	79.2
	NONCORPORATE, TOTAL	33	16	.8	7.3	.7	1.4	5.2	19.0	135.9	155.1	2.0	4.7	4.1
	INDIVIDUAL	9	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	6	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	18	11	.5	5.0	.4	1.0	3.9	11.8	109.3	121.6	1.5	3.5	3.0
2024	ICE CREAM AND FROZEN DESSERTS													
	TOTAL	697	273	21.1	184.7	12.0	23.5	94.7	459.8	785.6	1 244.7	35.8	70.7	71.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	269	183	15.1	140.5	8.7	17.5	75.0	358.3	626.3	984.2	30.4	55.8	55.8
	CORPORATE OWNERSHIP OR CONTROL	260	178	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	9	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	428	90	5.9	44.2	3.3	6.0	19.7	101.5	159.3	260.4	5.4	14.9	15.6
	CORPORATE OWNERSHIP OR CONTROL	265	82	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	163	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	525	260	20.2	178.7	11.4	22.5	91.5	445.9	756.0	1 201.4	35.1	67.9	68.5
	NONCORPORATE, TOTAL	172	13	.9	6.0	.6	.9	3.2	13.8	29.5	43.3	.7	2.9	2.9
	INDIVIDUAL	87	6	.4	2.1	.2	.4	1.1	5.0	8.7	13.7	.3	.7	.7
	PARTNERSHIP	35	5	.3	2.1	.2	.3	1.0	5.1	9.5	14.5	.3	1.0	1.2
	OTHER AND UNKNOWN	50	2	.2	1.8	.1	.2	1.0	3.8	11.3	15.1	.1	.9	1.0

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2026	FLUID MILK													
	TOTAL	2 507	1 287	126.1	1 086.1	48.0	99.1	400.8	2 552.4	6 854.0	9 395.7	149.2	177.8	187.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	815	713	85.2	765.0	33.8	69.8	296.3	1 930.6	5 313.8	7 236.7	110.3	135.9	142.9
	CORPORATE OWNERSHIP OR CONTROL	758	667	80.9	729.0	31.9	65.7	280.9	1 834.0	4 960.8	6 788.0	104.9	126.6	132.8
	NONCORPORATE OWNERSHIP	57	46	4.3	36.0	1.9	4.1	15.4	96.6	353.0	448.7	5.3	9.3	10.2
	SINGLE UNIT COMPANIES, TOTAL	1 692	574	40.9	321.1	14.2	29.3	104.5	621.8	1 540.2	2 159.0	38.9	41.9	44.5
	CORPORATE OWNERSHIP OR CONTROL	960	496	34.4	274.2	11.6	23.9	86.7	521.8	1 260.4	1 780.0	33.0	33.7	35.9
	NONCORPORATE OWNERSHIP	732	78	6.5	46.8	2.6	5.4	17.8	100.0	279.7	379.1	5.9	8.2	8.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 718	1 163	115.3	1 003.2	43.5	89.6	367.6	2 355.7	6 221.2	8 567.9	138.0	160.3	168.6
	NONCORPORATE, TOTAL	789	124	10.8	82.9	4.5	9.5	33.2	196.7	632.7	827.8	11.2	17.6	18.8
	INDIVIDUAL	261	31	1.8	12.8	.7	1.4	4.7	25.1	70.6	95.7	1.6	2.0	2.0
	PARTNERSHIP	184	38	3.5	26.2	1.2	2.6	8.6	65.2	149.4	214.1	3.3	4.1	4.2
	OTHER AND UNKNOWN	344	55	5.5	43.9	2.6	5.4	20.0	106.3	412.8	518.0	6.4	11.6	12.5
2032	CANNED SPECIALTIES													
	TOTAL	203	88	29.1	217.8	24.0	46.9	167.0	³ 814.6	1 062.3	³ 1 876.6	44.1	371.7	347.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	62	57	26.3	203.3	21.8	43.0	156.9	780.4	1 017.6	1 797.8	42.1	358.8	334.4
	CORPORATE OWNERSHIP OR CONTROL	59	56	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	141	31	2.7	14.5	2.1	3.9	10.1	34.1	44.7	78.8	2.0	12.9	13.1
	CORPORATE OWNERSHIP OR CONTROL	90	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	51	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	149	84	28.6	215.1	23.6	46.1	165.0	805.6	1 054.6	1 860.0	43.8	369.0	344.6
	NONCORPORATE, TOTAL	54	4	.5	2.7	.4	.7	2.0	9.0	7.7	16.7	.3	2.7	2.8
	INDIVIDUAL	27	3	.3	1.7	.2	.5	1.3	5.8	4.1	9.9	.2	1.4	1.2
	PARTNERSHIP	10	1	.1	.7	.1	.2	.5	2.3	2.5	4.8	.1	.9	1.2
	OTHER AND UNKNOWN	17	-	(Z)	.3	(Z)	.1	.2	.9	1.1	2.0	(Z)	.4	.4
2033	CANNED FRUITS AND VEGETABLES													
	TOTAL	1 038	621	89.8	559.9	78.8	147.1	447.9	³ 1 625.1	2 414.8	³ 4 043.8	113.1	1 257.0	1 197.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	419	379	70.8	452.8	62.7	119.2	369.1	1 356.1	1 981.4	3 338.9	91.0	1 065.0	987.8
	CORPORATE OWNERSHIP OR CONTROL	404	364	69.0	441.3	61.2	116.4	360.7	1 298.2	1 910.3	3 210.1	89.8	1 032.2	961.9
	NONCORPORATE OWNERSHIP	15	15	1.7	11.4	1.4	2.7	8.5	57.8	71.1	128.9	1.2	32.8	25.9
	SINGLE UNIT COMPANIES, TOTAL	619	242	19.0	107.1	16.1	27.9	78.7	269.1	433.3	704.9	22.1	192.0	209.2
	CORPORATE OWNERSHIP OR CONTROL	460	223	16.6	95.1	14.0	24.4	69.9	239.1	378.1	620.4	19.5	160.7	173.2
	NONCORPORATE OWNERSHIP	159	19	2.4	12.0	2.1	3.5	8.8	30.0	55.3	84.5	2.7	31.3	36.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	864	587	85.7	536.5	75.2	140.9	430.6	1 537.4	2 288.4	3 830.5	109.3	1 192.9	1 135.1
	NONCORPORATE, TOTAL	174	34	4.1	23.4	3.6	6.2	17.3	87.8	126.4	213.3	3.8	64.1	61.9
	INDIVIDUAL	63	7	.6	4.1	.4	.7	2.2	11.1	19.9	30.9	.9	6.6	6.5
	PARTNERSHIP	43	9	1.0	3.5	.9	1.2	2.6	11.0	17.0	28.0	.3	7.3	7.8
	OTHER AND UNKNOWN	68	18	2.6	15.8	2.3	4.3	12.5	65.7	89.5	154.5	2.6	50.2	47.6
2034	DEHYDRATED FRUITS, VEGETABLES, SOUPS													
	TOTAL	178	88	12.4	84.3	10.6	19.8	63.0	235.7	351.7	607.3	18.9	158.9	140.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	82	55	9.4	64.1	8.1	15.5	49.4	186.2	232.0	430.3	16.9	115.8	104.1
	CORPORATE OWNERSHIP OR CONTROL	56	48	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	26	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	96	33	3.0	20.2	2.5	4.3	13.6	49.5	119.7	177.0	2.1	43.0	36.3
	CORPORATE OWNERSHIP OR CONTROL	61	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	35	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	117	78	10.9	75.5	9.3	17.8	56.3	213.7	276.0	503.7	18.5	126.5	115.3
	NONCORPORATE, TOTAL	61	10	1.4	8.9	1.2	2.0	6.7	22.0	75.8	103.5	.4	32.4	25.1
	INDIVIDUAL	10	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	9	1	(Z)	.2	(Z)	(Z)	.1	1.3	.9	2.2	(Z)	.3	.2
	OTHER AND UNKNOWN	42	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2035	PICKLES, SAUCES, SALAD DRESSING													
	TOTAL	495	191	20.8	146.2	16.6	32.4	102.2	³ 428.0	738.7	³ 1 166.7	43.4	204.4	210.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	140	108	15.3	110.0	12.4	24.6	80.7	340.3	593.8	934.5	37.3	170.2	173.9
	CORPORATE OWNERSHIP OR CONTROL	140	108	15.3	110.0	12.4	24.6	80.7	340.3	593.8	934.5	37.3	170.2	173.9
	NONCORPORATE OWNERSHIP	355	83	5.5	36.2	4.2	7.8	21.5	87.8	144.8	232.2	6.2	34.2	36.7
	SINGLE UNIT COMPANIES, TOTAL	249	80	5.1	33.7	3.8	7.2	19.7	80.5	134.1	214.2	5.6	31.2	33.6
	CORPORATE OWNERSHIP OR CONTROL	106	3	.4	2.5	.4	.6	1.8	7.3	10.8	18.0	.6	2.9	3.1
	NONCORPORATE OWNERSHIP													
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	389	188	20.4	143.7	16.3	31.8	100.5	420.8	727.9	1 148.7	42.8	201.5	207.5
	NONCORPORATE, TOTAL	106	3	.4	2.5	.4	.6	1.8	7.3	10.8	18.0	.6	2.9	3.1
	INDIVIDUAL	38	1	.1	.6	.1	.1	.4	1.7	3.2	4.9	.1	.8	.8
	PARTNERSHIP	32	1	.2	1.2	.2	.3	.9	3.9	5.6	9.4	.4	1.4	1.5
	OTHER AND UNKNOWN	36	1	.1	.7	.1	.2	.5	1.7	2.1	3.8	.1	.7	.7

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2037	FROZEN FRUITS AND VEGETABLES													
	TOTAL	208	190	42.8	261.2	37.6	74.5	208.8	694.6	1 150.4	1 848.8	57.8	395.7	401.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	132	124	33.6	207.0	29.7	59.0	166.7	580.2	860.5	1 444.6	44.4	308.9	297.3
	CORPORATE OWNERSHIP OR CONTROL . .	129	121	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	76	66	9.2	54.2	7.9	15.5	42.1	114.4	289.9	404.2	13.4	86.8	104.5
	CORPORATE OWNERSHIP OR CONTROL . .	74	65	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	203	186	41.4	252.2	36.5	72.4	201.8	671.7	1 106.7	1 777.6	55.6	371.2	385.9
	NONCORPORATE, TOTAL	5	4	1.3	9.1	1.1	2.1	7.1	22.9	43.7	71.2	2.2	24.5	15.9
	OTHER AND UNKNOWN	5	4	1.3	9.1	1.1	2.1	7.1	22.9	43.7	71.2	2.2	24.5	15.9
2038	FROZEN SPECIALTIES													
	TOTAL	435	211	38.3	264.1	31.8	61.5	190.1	716.3	1 221.3	1 935.5	81.0	173.8	203.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	126	113	29.6	211.2	24.5	48.0	153.7	590.0	1 033.5	1 622.0	68.2	145.2	169.3
	CORPORATE OWNERSHIP OR CONTROL . .	125	112	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	309	98	8.7	52.9	7.4	13.5	36.4	126.3	187.8	313.5	12.9	28.6	34.1
	CORPORATE OWNERSHIP OR CONTROL . .	235	92	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	74	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	360	204	37.7	260.8	31.3	60.6	187.7	706.0	1 204.1	1 907.9	80.2	170.6	200.1
	NONCORPORATE, TOTAL	75	7	.6	3.3	.5	.9	2.4	10.3	17.2	27.5	.8	3.3	3.3
	INDIVIDUAL	41	3	.2	.9	.2	.3	.7	2.1	4.0	6.1	.1	.7	.7
	PARTNERSHIP	15	3	.2	1.3	.2	.3	.9	4.7	7.5	12.3	.4	1.2	1.2
	OTHER AND UNKNOWN	19	1	.2	1.1	.2	.4	.9	3.4	5.7	9.1	.3	1.4	1.4
2041	FLOUR, OTHER GRAIN MILL PRODUCTS													
	TOTAL	457	181	16.1	152.8	11.9	26.9	108.1	509.8	1 885.2	2 380.0	30.0	177.0	211.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	183	140	12.4	121.6	9.3	21.3	89.0	440.5	1 645.5	2 071.1	25.2	152.8	183.6
	CORPORATE OWNERSHIP OR CONTROL . .	182	139	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	274	41	3.7	31.2	2.6	5.6	19.0	69.3	239.7	308.8	4.8	24.2	27.6
	CORPORATE OWNERSHIP OR CONTROL . .	124	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	150	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	306	176	15.5	148.5	11.5	25.9	105.2	498.9	1 852.3	2 336.3	29.2	173.7	207.6
	NONCORPORATE, TOTAL	151	5	.6	4.3	.4	1.0	2.9	10.9	32.8	43.7	.9	3.3	3.7
	INDIVIDUAL	46	-	.1	.7	.1	.1	.5	2.0	6.9	8.9	.1	.7	.7
	PARTNERSHIP	45	4	.3	2.2	.2	.5	1.4	5.4	17.1	22.4	.4	1.5	1.7
	OTHER AND UNKNOWN	60	1	.2	1.4	.1	.3	1.0	3.5	8.9	12.4	.4	1.2	1.2
2043	CEREAL BREAKFAST FOODS													
	TOTAL	47	26	12.9	140.9	10.7	21.6	111.6	688.4	439.1	1 125.5	24.9	77.3	78.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	24	22	12.6	139.1	10.5	21.2	110.6	682.1	431.2	1 111.3	24.6	76.5	77.9
	CORPORATE OWNERSHIP OR CONTROL . .	24	22	12.6	139.1	10.5	21.2	110.6	682.1	431.2	1 111.3	24.6	76.5	77.9
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	23	4	.2	1.8	.2	.4	1.0	6.3	7.9	14.2	.3	.7	.9
	CORPORATE OWNERSHIP OR CONTROL . .	15	4	.2	1.7	.2	.3	.9	5.7	7.6	13.2	.3	.6	.8
	NONCORPORATE OWNERSHIP	8	-	(Z)	.2	(Z)	(Z)	.1	.6	.4	1.0	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	39	26	12.9	140.8	10.7	21.6	111.5	687.7	438.7	1 124.5	24.9	77.2	78.7
	NONCORPORATE, TOTAL	8	-	(Z)	.2	(Z)	(Z)	.1	.6	.4	1.0	(Z)	.1	.1
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2044	RICE MILLING													
	TOTAL	57	35	4.0	30.9	3.0	6.6	19.1	148.3	535.7	680.6	6.3	152.4	195.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	22	15	2.6	22.0	1.9	4.2	13.6	108.3	358.2	464.6	3.4	110.2	135.1
	CORPORATE OWNERSHIP OR CONTROL . .	18	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	35	20	1.4	8.9	1.1	2.3	5.5	40.0	177.5	216.0	2.9	42.2	60.4
	CORPORATE OWNERSHIP OR CONTROL . .	26	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	9	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	44	29	3.3	23.9	2.4	5.2	14.5	126.9	425.8	546.7	3.9	132.6	169.2
	NONCORPORATE, TOTAL	13	6	.8	7.0	.6	1.3	4.6	21.4	109.9	133.9	2.4	19.8	26.3
	INDIVIDUAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	8	4	.6	6.6	.5	1.3	4.4	19.2	109.4	131.2	2.4	19.1	25.8

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2045	BLENDED AND PREPARED FLOUR													
	TOTAL	137	57	7.9	74.9	5.7	12.3	53.2	306.8	401.7	704.6	13.7	40.6	47.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	57	44	6.2	63.4	4.6	9.8	44.8	288.6	356.0	641.5	12.7	35.6	42.0
	CORPORATE OWNERSHIP OR CONTROL	54	44	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	80	13	1.7	11.5	1.2	2.5	8.4	18.2	45.7	63.1	1.0	5.0	5.6
	CORPORATE OWNERSHIP OR CONTROL	64	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	16	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	118	57	7.8	74.6	5.7	12.2	53.0	305.6	400.4	702.1	13.7	40.5	47.4
	NONCORPORATE, TOTAL	19	-	.1	.3	.1	.1	.2	1.2	1.3	2.5	(Z)	.1	.1
	INDIVIDUAL	11	-	(Z)	.2	(Z)	.1	.1	.8	.7	1.5	(Z)	.1	.1
	PARTNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2046	WET CORN MILLING													
	TOTAL	41	27	12.1	137.7	8.4	17.1	88.6	331.2	498.7	832.3	59.7	85.3	82.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	31	24	11.9	136.3	8.3	16.9	87.9	327.0	487.9	817.6	58.2	82.6	79.7
	CORPORATE OWNERSHIP OR CONTROL	31	24	11.9	136.3	8.3	16.9	87.9	327.0	487.9	817.6	58.2	82.6	79.7
	SINGLE UNIT COMPANIES, TOTAL	10	3	.2	1.4	.1	.2	.7	4.1	10.8	14.7	1.5	2.7	3.1
	CORPORATE OWNERSHIP OR CONTROL	8	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	39	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2047	DOG, CAT, AND OTHER PET FOOD													
	TOTAL	221	113	14.3	135.1	11.0	24.0	96.3	613.8	794.5	1 401.9	61.1	83.5	90.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	124	79	11.8	115.5	9.2	20.3	85.7	566.3	706.0	1 266.0	57.8	74.8	81.9
	CORPORATE OWNERSHIP OR CONTROL	124	79	11.8	115.5	9.2	20.3	85.7	566.3	706.0	1 266.0	57.8	74.8	81.9
	SINGLE UNIT COMPANIES, TOTAL	97	34	2.5	19.5	1.8	3.7	10.6	47.5	88.5	136.0	3.3	8.7	8.5
	CORPORATE OWNERSHIP OR CONTROL	82	29	2.3	18.3	1.6	3.3	9.7	44.2	82.9	127.2	3.2	8.1	7.9
	NONCORPORATE OWNERSHIP	15	5	.2	1.2	.2	.4	.9	3.3	5.6	8.8	.2	.6	.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	206	108	14.1	133.9	10.8	23.6	95.4	610.5	788.9	1 393.1	61.0	83.0	89.8
	NONCORPORATE, TOTAL	15	5	.2	1.2	.2	.4	.9	3.3	5.6	8.8	.2	.6	.6
	INDIVIDUAL	5	1	.1	.2	.1	.1	.2	.3	.9	1.2	(D)	.1	.1
	PARTNERSHIP	7	4	.2	.9	.1	.3	.6	2.6	3.8	6.4	.1	.4	.5
	OTHER AND UNKNOWN	3	-	(Z)	.1	(Z)	(Z)	.1	.4	.8	1.3	(D)	.1	.1
2048	PREPARED FEEDS, N.E.C.													
	TOTAL	2 120	654	44.0	340.5	27.7	60.6	188.6	1 100.5	3 948.8	5 037.1	70.8	253.3	268.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	817	449	29.2	236.0	17.9	39.2	131.1	812.6	3 021.3	3 825.1	47.7	184.3	194.5
	CORPORATE OWNERSHIP OR CONTROL	779	431	28.0	228.0	17.1	37.7	126.5	785.1	2 864.1	3 640.3	45.4	174.8	185.8
	NONCORPORATE OWNERSHIP	38	18	1.2	8.0	.8	1.5	4.6	27.5	157.2	184.9	2.3	9.5	8.7
	SINGLE UNIT COMPANIES, TOTAL	1 303	205	14.9	104.5	9.8	21.4	57.5	287.9	927.4	1 212.0	23.2	68.9	73.6
	CORPORATE OWNERSHIP OR CONTROL	883	188	12.8	90.9	8.2	18.1	48.7	243.9	758.5	999.7	19.8	57.3	60.9
	NONCORPORATE OWNERSHIP	420	17	2.0	13.5	1.6	3.2	8.8	44.0	169.0	212.3	3.4	11.5	12.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 662	619	40.8	318.9	25.4	55.8	175.2	1 029.0	3 622.6	4 639.9	65.1	232.2	246.7
	NONCORPORATE, TOTAL	458	35	3.2	21.6	2.4	4.8	13.4	71.5	326.2	397.2	5.7	21.0	21.4
	INDIVIDUAL	159	3	.5	3.1	.4	.8	2.0	10.7	28.4	39.1	.6	2.6	2.6
	PARTNERSHIP	114	13	.9	6.6	.7	1.4	4.2	24.0	95.4	119.1	1.9	5.2	5.8
	OTHER AND UNKNOWN	185	19	1.8	11.9	1.3	2.5	7.2	36.8	202.4	239.0	3.2	13.2	13.0
2051	BREAD, CAKE, AND RELATED PRODUCTS													
	TOTAL	3 318	1 374	193.5	1 692.2	109.6	219.3	876.2	3 518.1	2 615.0	6 132.0	170.6	130.4	137.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	845	767	140.9	1 284.2	78.4	158.8	666.7	2 769.8	2 058.9	4 828.0	136.2	100.4	106.5
	CORPORATE OWNERSHIP OR CONTROL	819	757	140.3	1 281.9	78.1	158.3	665.3	2 765.4	2 056.2	4 820.8	136.1	100.2	106.3
	NONCORPORATE OWNERSHIP	26	10	.6	2.3	.3	.5	1.4	4.5	2.6	7.1	.1	.2	.2
	SINGLE UNIT COMPANIES, TOTAL	2 473	607	52.6	407.9	31.2	60.5	209.5	748.3	556.1	1 304.1	34.4	30.0	31.4
	CORPORATE OWNERSHIP OR CONTROL	1 115	513	44.9	359.7	26.3	51.5	181.9	642.4	473.7	1 115.8	29.9	25.3	26.7
	NONCORPORATE OWNERSHIP	1 358	94	7.7	48.2	4.9	9.0	27.6	105.8	82.4	188.2	4.5	4.6	4.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 934	1 270	185.2	1 641.7	104.4	209.8	847.2	3 407.8	2 529.9	5 936.7	166.0	125.5	133.0
	NONCORPORATE, TOTAL	1 384	104	8.3	50.5	5.2	9.5	29.0	110.3	85.0	195.3	4.6	4.8	4.9
	INDIVIDUAL	723	49	3.7	21.4	2.4	4.2	12.2	49.8	39.2	89.0	1.7	2.1	2.2
	PARTNERSHIP	334	55	3.7	23.1	2.3	4.3	13.4	47.2	35.1	82.3	2.1	2.1	2.1
	OTHER AND UNKNOWN	327	-	.8	6.1	.6	1.0	3.4	13.3	10.7	24.0	.8	.6	.6

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2052	COOKIES AND CRACKERS													
	TOTAL	315	177	41.1	336.9	33.0	65.4	244.8	1 018.9	742.2	1 763.5	36.7	90.6	89.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	109	95	33.4	283.7	27.1	54.6	213.3	905.8	634.4	1 543.2	30.9	79.3	76.4
	CORPORATE OWNERSHIP OR CONTROL	108	94	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	206	82	7.8	53.2	5.9	10.8	31.5	113.1	107.8	220.3	5.7	11.3	12.7
	CORPORATE OWNERSHIP OR CONTROL	142	73	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	64	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	250	167	40.5	333.3	32.5	64.5	242.2	1 010.1	735.0	1 747.6	36.3	90.0	88.4
	NONCORPORATE, TOTAL	65	10	.6	3.6	.5	.9	2.6	8.8	7.1	15.9	.4	.6	.7
	INDIVIDUAL	34	7	.3	2.0	.3	.5	1.3	4.8	3.7	8.5	.3	.3	.3
	PARTNERSHIP	13	3	.2	1.2	.2	.3	1.0	2.9	2.7	5.7	.1	.2	.3
	OTHER AND UNKNOWN	18	-	.1	.4	.1	.1	.3	1.0	.7	1.7	(Z)	.1	.1
2061	RAW CANE SUGAR													
	TOTAL	77	62	7.1	60.7	5.2	12.3	44.0	151.7	260.9	406.5	28.8	40.0	43.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	35	32	4.6	41.6	3.3	7.5	29.3	92.2	175.5	268.1	20.5	20.2	19.6
	CORPORATE OWNERSHIP OR CONTROL	34	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	42	30	2.5	19.1	1.9	4.8	14.6	59.5	85.4	138.5	8.3	19.7	23.6
	CORPORATE OWNERSHIP OR CONTROL	32	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	10	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	66	56	6.7	57.7	4.9	11.4	41.4	141.5	244.2	383.2	26.6	36.3	39.0
	NONCORPORATE, TOTAL	11	6	.4	3.0	.4	.9	2.5	10.2	16.7	23.4	2.2	3.7	4.2
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	8	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2062	CANE SUGAR REFINING													
	TOTAL	33	28	10.9	119.5	8.2	18.1	83.8	383.9	1 363.9	1 742.7	23.6	213.6	203.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	27	26	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL	25	24	9.2	98.9	6.7	15.2	68.9	322.8	1 188.2	1 510.7	20.0	154.0	149.1
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	6	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL	6	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	31	26	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2063	BEET SUGAR													
	TOTAL	61	54	11.5	92.3	10.4	21.2	78.4	310.5	566.5	880.2	34.9	261.7	254.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	58	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL	58	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	59	54	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2065	CONFECTIONERY PRODUCTS													
	TOTAL	1 011	394	60.7	422.2	49.2	95.9	299.3	1 115.7	1 364.1	2 472.5	53.4	280.0	289.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	244	187	43.2	316.5	34.8	68.5	227.4	870.1	1 059.4	1 923.9	40.8	221.1	227.6
	CORPORATE OWNERSHIP OR CONTROL	233	184	43.1	315.7	34.7	68.2	226.8	868.2	1 057.2	1 919.8	40.7	220.6	227.1
	NONCORPORATE OWNERSHIP	11	3	.2	.8	.1	.3	.6	1.9	2.2	4.1	(Z)	.5	.5
	SINGLE UNIT COMPANIES, TOTAL	767	207	17.5	105.7	14.4	27.4	71.9	245.6	304.7	548.7	12.6	58.9	62.2
	CORPORATE OWNERSHIP OR CONTROL	455	192	16.1	98.1	13.2	25.3	66.3	226.0	279.1	503.3	11.6	54.0	57.5
	NONCORPORATE OWNERSHIP	312	15	1.4	7.6	1.2	2.1	5.5	19.6	25.5	45.3	1.0	4.9	4.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	688	376	59.2	413.9	47.9	93.5	293.2	1 094.3	1 336.3	2 423.1	52.4	274.6	284.6
	NONCORPORATE, TOTAL	323	18	1.6	8.3	1.4	2.4	6.1	21.4	27.7	49.4	1.1	5.4	5.2
	INDIVIDUAL	159	11	.8	4.2	.7	1.2	3.1	11.0	13.7	24.7	.5	2.6	2.6
	PARTNERSHIP	61	7	.5	2.7	.4	.7	2.0	7.0	9.8	17.0	.4	1.9	1.8
	OTHER AND UNKNOWN	103	-	.3	1.4	.2	.4	1.0	3.4	4.3	7.7	.2	.9	.9

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2066	CHOCOLATE AND COCOA PRODUCTS													
	TOTAL	48	30	10.0	83.3	8.0	15.5	60.6	282.6	455.2	735.5	26.5	116.4	122.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	27	21	9.5	70.6	7.6	14.7	58.0	273.9	432.4	704.0	25.8	112.6	115.7
	CORPORATE OWNERSHIP OR CONTROL	27	21	9.5	70.6	7.6	14.7	58.0	273.9	432.4	704.0	25.8	112.6	115.7
	SINGLE UNIT COMPANIES, TOTAL	21	9	0.5	3.7	0.4	0.8	2.6	8.7	22.8	31.5	0.7	3.9	4.1
	CORPORATE OWNERSHIP OR CONTROL	15	9	0.5	3.7	0.4	0.8	2.6	8.5	22.5	31.0	0.6	3.8	4.0
	NONCORPORATE OWNERSHIP	6	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.3	.5	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	42	30	10.0	83.3	8.0	15.5	60.6	282.5	454.9	735.0	26.5	116.3	122.8
	NONCORPORATE, TOTAL	6	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.3	.5	(Z)	.1	.1
	INDIVIDUAL	6	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.3	.5	(Z)	.1	.1
2067	CHEWING GUM													
	TOTAL	19	16	6.9	53.6	5.8	11.5	41.3	228.4	150.5	382.6	19.0	61.7	72.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	11	11	6.1	48.5	5.2	10.5	38.2	221.2	140.9	366.2	17.8	58.8	64.1
	CORPORATE OWNERSHIP OR CONTROL	11	11	6.1	48.5	5.2	10.5	38.2	221.2	140.9	366.2	17.8	58.8	64.1
	SINGLE UNIT COMPANIES, TOTAL	8	5	0.8	5.1	0.6	1.0	3.1	7.2	9.6	16.4	1.2	2.9	3.2
	CORPORATE OWNERSHIP OR CONTROL	6	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	17	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2074	COTTONSEED OIL MILLS													
	TOTAL	115	84	5.5	34.2	4.4	9.8	24.0	88.2	368.1	458.7	9.9	117.1	97.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	60	53	3.6	23.6	2.8	6.4	16.3	66.5	257.0	323.9	6.9	93.0	76.2
	CORPORATE OWNERSHIP OR CONTROL	53	47	2.9	18.7	2.3	5.3	12.6	37.6	214.7	253.0	5.6	72.8	64.6
	NONCORPORATE OWNERSHIP	7	6	.7	5.0	.5	1.1	3.7	28.9	42.2	70.9	1.3	20.3	11.5
	SINGLE UNIT COMPANIES, TOTAL	55	31	1.9	10.5	1.6	3.4	7.7	21.7	111.1	134.7	3.0	24.0	21.8
	CORPORATE OWNERSHIP OR CONTROL	44	25	1.6	8.7	1.3	2.9	6.3	17.4	90.3	109.7	2.3	21.3	18.6
	NONCORPORATE OWNERSHIP	11	6	.3	1.9	.3	.5	1.4	4.3	20.8	25.0	.7	2.8	3.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	97	72	4.5	27.3	3.6	8.2	18.9	55.0	305.1	362.7	8.0	94.0	83.2
	NONCORPORATE, TOTAL	18	12	1.0	6.8	.8	1.6	5.1	33.1	63.0	96.0	2.0	23.1	14.7
	INDIVIDUAL	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	13	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2075	SOYBEAN OIL MILLS													
	TOTAL	94	74	9.1	82.4	6.6	14.8	54.7	350.0	3 065.5	3 357.2	41.9	450.3	577.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	73	69	8.1	76.0	5.7	12.7	49.9	328.6	2 931.7	3 201.9	39.5	427.8	554.7
	CORPORATE OWNERSHIP OR CONTROL	70	66	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	21	5	1.0	6.4	.9	2.0	4.8	21.4	133.8	155.3	2.4	22.6	22.5
	CORPORATE OWNERSHIP OR CONTROL	11	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	10	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	81	70	8.7	78.8	6.3	14.1	52.5	333.4	2 906.0	3 184.5	39.1	420.8	530.3
	NONCORPORATE, TOTAL	13	4	.4	3.6	.3	.6	2.2	16.5	159.5	172.7	2.9	29.6	46.9
	INDIVIDUAL	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	7	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2076	VEGETABLE OIL MILLS, N.E.C.													
	TOTAL	31	17	1.1	10.0	.8	1.8	7.4	43.0	220.1	252.2	3.0	29.0	30.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	16	12	1.0	10.2	.7	1.5	6.8	40.1	214.7	244.6	2.8	27.1	37.3
	CORPORATE OWNERSHIP OR CONTROL	14	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	16	6	.3	1.4	.2	.3	1.0	4.7	12.5	16.3	.3	2.7	3.3
	CORPORATE OWNERSHIP OR CONTROL	13	5	.2	1.3	.2	.3	.8	4.0	12.0	15.3	.3	2.5	3.1
	NONCORPORATE OWNERSHIP	3	1	(Z)	.1	(Z)	(Z)	.1	.7	.4	1.0	(Z)	.1	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	27	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	5	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2077	ANIMAL AND MARINE FATS AND OILS													
	TOTAL	511	196	11.6	106.0	8.4	18.5	68.3	296.7	470.4	764.7	31.0	29.6	29.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	186	107	6.4	61.0	4.7	10.2	40.8	182.0	293.5	472.9	19.9	20.6	20.8
	CORPORATE OWNERSHIP OR CONTROL	177	105	6.3	59.9	4.6	10.0	40.1	179.2	290.8	467.5	19.8	20.5	20.7
	NONCORPORATE OWNERSHIP	9	2	.1	1.1	.1	.2	.7	2.8	2.6	5.5	.1	.1	.1
	SINGLE UNIT COMPANIES, TOTAL	325	89	5.2	45.0	3.8	8.3	27.5	114.7	176.9	291.8	11.2	8.9	8.6
	CORPORATE OWNERSHIP OR CONTROL	245	84	4.7	41.8	3.4	7.5	25.0	106.4	164.6	271.1	10.7	8.4	8.1
	NONCORPORATE OWNERSHIP	80	5	.4	3.2	.4	.8	2.4	8.3	12.3	20.6	.5	.5	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	422	189	11.0	101.7	8.0	17.5	65.1	285.6	455.4	738.6	30.5	29.0	28.8
	NONCORPORATE, TOTAL	89	7	.6	4.3	.5	1.0	3.2	11.1	15.0	26.1	.5	.6	.6
	INDIVIDUAL	32	3	.2	1.2	.2	.3	.9	3.5	3.9	7.4	.2	.2	.1
	PARTNERSHIP	40	4	.3	2.4	.2	.5	1.8	6.1	7.3	13.4	.3	.3	.4
	OTHER AND UNKNOWN	17	-	.1	.6	.1	.2	.4	1.5	3.8	5.3	.1	.1	.1
2079	SHORTENING AND COOKING OILS													
	TOTAL	109	86	12.9	133.7	9.0	19.5	87.8	512.6	1 549.4	2 068.1	35.5	177.6	167.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	73	67	11.7	124.2	8.2	17.8	81.9	485.7	1 461.4	1 952.4	33.4	170.0	160.4
	CORPORATE OWNERSHIP OR CONTROL	72	66	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	36	19	1.1	9.6	.8	1.8	5.9	26.9	88.1	115.7	2.0	7.6	6.7
	CORPORATE OWNERSHIP OR CONTROL	30	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	6	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	102	82	12.7	132.6	8.9	19.2	87.0	510.3	1 537.6	2 053.7	35.2	176.9	166.7
	NONCORPORATE, TOTAL	7	4	.2	1.1	.1	.3	.8	2.3	11.8	14.4	.2	.7	.4
	INDIVIDUAL	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2082	MALT BEVERAGES													
	TOTAL	167	130	51.5	652.8	33.8	66.9	408.7	1 993.6	2 066.5	4 054.4	155.6	194.2	205.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	98	95	48.0	622.3	31.6	62.6	391.0	1 914.6	2 000.8	3 909.6	152.3	184.7	195.6
	CORPORATE OWNERSHIP OR CONTROL	98	95	48.0	622.3	31.6	62.6	391.0	1 914.6	2 000.8	3 909.6	152.3	184.7	195.6
	SINGLE UNIT COMPANIES, TOTAL	69	35	3.5	30.5	2.2	4.3	17.7	79.0	65.7	144.7	3.3	9.5	9.5
	CORPORATE OWNERSHIP OR CONTROL	65	35	3.5	30.5	2.2	4.3	17.7	78.6	65.3	143.9	3.3	9.5	9.5
	NONCORPORATE OWNERSHIP	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	.5	.4	.9	(Z)	(Z)	(Z)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	163	130	51.5	652.7	33.8	66.9	408.6	1 993.1	2 066.1	4 053.5	155.5	194.2	205.1
	NONCORPORATE, TOTAL	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	.5	.4	.9	(Z)	(Z)	(Z)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2083	MALT													
	TOTAL	40	26	1.7	20.0	1.3	2.5	14.8	55.0	168.5	226.3	7.9	79.9	80.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	29	24	1.6	18.7	1.2	2.4	14.0	52.8	161.6	217.3	(D)	78.5	78.3
	CORPORATE OWNERSHIP OR CONTROL	29	24	1.6	18.7	1.2	2.4	14.0	52.8	161.6	217.3	(D)	78.5	78.3
	SINGLE UNIT COMPANIES, TOTAL	11	2	.1	1.3	.1	.2	.8	2.1	6.9	9.0	(D)	1.4	1.7
	CORPORATE OWNERSHIP OR CONTROL	10	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	39	26	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2084	WINES, BRANDY, AND BRANDY SPIRITS													
	TOTAL	213	74	9.4	91.5	5.6	11.8	48.1	407.9	536.7	865.0	43.7	308.3	378.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	63	40	6.5	64.9	4.0	8.4	34.7	317.7	419.4	658.7	33.8	213.4	282.3
	CORPORATE OWNERSHIP OR CONTROL	61	39	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	150	34	2.8	26.6	1.7	3.4	13.3	90.2	117.3	206.2	9.9	94.9	96.0
	CORPORATE OWNERSHIP OR CONTROL	102	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	48	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	163	66	8.8	86.3	5.3	11.1	44.8	386.5	506.4	811.6	41.1	273.3	345.0
	NONCORPORATE, TOTAL	50	8	.6	5.1	.4	.7	3.3	21.4	30.3	53.4	2.6	35.1	33.3
	INDIVIDUAL	12	2	.1	.8	(Z)	.1	.3	2.6	3.9	7.0	(D)	2.7	2.2
	PARTNERSHIP	16	4	.2	2.3	.2	.3	1.6	7.5	10.7	16.2	.6	7.7	9.6
	OTHER AND UNKNOWN	22	2	.2	2.1	.2	.3	1.3	11.3	15.7	30.1	(D)	24.7	21.6

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2085	DISTILLED LIQUOR, EXCEPT BRANDY													
	TOTAL	121	96	18.4	183.1	14.5	28.6	132.5	1 024.0	784.8	1 797.9	32.8	941.8	920.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	72	69	16.8	169.3	13.3	26.3	124.9	958.5	707.2	1 654.4	23.0	896.3	875.0
	CORPORATE OWNERSHIP OR CONTROL	72	69	16.8	169.3	13.3	26.3	124.9	958.5	707.2	1 654.4	23.0	896.3	875.0
	NONCORPORATE OWNERSHIP	4	3	.1	.4	.1	.1	.2	1.1	1.0	2.1	(Z)	.1	.1
	SINGLE UNIT COMPANIES, TOTAL	49	27	1.6	13.8	1.2	2.3	7.5	65.5	77.5	143.5	9.8	45.5	45.7
	CORPORATE OWNERSHIP OR CONTROL	44	27	1.6	13.6	1.1	2.2	7.4	64.5	77.0	142.0	9.8	44.6	44.9
	NONCORPORATE OWNERSHIP	5	-	(Z)	.2	(Z)	(Z)	.1	1.0	.5	1.5	(Z)	.9	.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	116	96	18.4	182.9	14.5	28.6	132.3	1 023.0	784.2	1 796.4	32.8	941.0	919.9
	NONCORPORATE, TOTAL	5	-	(Z)	.2	(Z)	(Z)	.1	1.0	.5	1.5	(Z)	.9	.9
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2086	BOTTLED AND CANNED SOFT DRINKS													
	TOTAL	2 683	1 552	121.1	984.4	45.6	91.9	297.5	2 336.7	3 128.8	5 453.8	207.1	267.0	281.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	670	600	65.5	576.8	23.9	48.3	172.9	1 398.2	1 942.1	3 334.3	122.0	157.4	161.9
	CORPORATE OWNERSHIP OR CONTROL	666	597	65.4	576.3	23.8	48.2	172.7	1 397.1	1 941.1	3 332.1	122.0	157.3	161.8
	NONCORPORATE OWNERSHIP	4	3	.1	.4	.1	.1	.2	1.1	1.0	2.1	(Z)	.1	.1
	SINGLE UNIT COMPANIES, TOTAL	2 013	952	55.6	407.6	21.7	43.6	124.6	938.4	1 186.7	2 119.6	85.1	109.6	119.1
	CORPORATE OWNERSHIP OR CONTROL	1 586	890	51.2	378.9	20.0	40.4	115.5	873.3	1 099.0	1 966.7	80.2	100.8	110.2
	NONCORPORATE OWNERSHIP	427	62	4.4	28.8	1.7	3.3	9.1	65.2	87.7	152.9	4.8	8.8	8.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	2 252	1 487	116.6	955.2	43.8	88.6	288.2	2 270.4	3 040.1	5 298.8	202.2	258.1	272.0
	NONCORPORATE, TOTAL	431	65	4.5	29.2	1.8	3.4	9.3	66.3	88.7	155.0	4.9	8.9	9.0
	INDIVIDUAL	172	20	1.2	6.9	.5	.9	2.3	16.7	21.1	37.7	1.2	1.8	1.9
	PARTNERSHIP	152	45	2.9	19.2	1.1	2.1	6.0	42.7	58.6	101.4	3.1	6.2	6.1
	OTHER AND UNKNOWN	107	-	.4	3.1	.2	.4	1.0	6.9	9.1	15.9	.6	.9	1.0
2087	FLAVORING EXTRACTS, SIRUPS, N.E.C.													
	TOTAL	400	115	10.1	100.9	6.0	12.4	49.4	871.9	612.0	1 472.0	21.1	145.5	159.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	116	66	6.9	70.9	4.1	8.6	36.2	786.1	518.8	1 293.6	17.1	124.8	137.5
	CORPORATE OWNERSHIP OR CONTROL	114	66	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	284	49	3.3	30.0	1.9	3.7	13.2	85.9	93.2	178.4	4.0	20.7	22.2
	CORPORATE OWNERSHIP OR CONTROL	236	48	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	48	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	350	114	10.0	99.6	5.9	12.2	48.6	865.3	606.3	1 459.7	21.0	144.3	158.5
	NONCORPORATE, TOTAL	50	1	.1	1.3	.1	.2	.7	6.6	5.7	12.3	.2	1.2	1.2
	INDIVIDUAL	24	-	(Z)	.3	(Z)	(Z)	.1	2.0	1.4	3.3	.1	.3	.3
	PARTNERSHIP	13	1	.1	.6	.1	.1	.4	2.7	2.7	5.4	.1	.5	.5
	OTHER AND UNKNOWN	13	-	(Z)	.4	(Z)	.1	.2	1.9	1.7	3.6	(Z)	.3	.4
2091	CANNED AND CURED SEAFOODS													
	TOTAL	310	139	16.0	99.0	14.0	24.0	75.0	231.4	580.6	809.8	15.5	115.8	158.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	98	73	12.0	78.9	10.5	18.7	60.5	180.8	489.5	668.1	13.3	90.6	131.8
	CORPORATE OWNERSHIP OR CONTROL	95	72	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	212	66	4.0	20.2	3.4	5.3	14.5	50.5	91.2	141.7	2.1	25.3	26.4
	CORPORATE OWNERSHIP OR CONTROL	151	57	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	61	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	246	129	15.4	96.5	13.5	23.2	72.9	224.0	567.2	789.0	15.1	112.7	155.0
	NONCORPORATE, TOTAL	64	10	.6	2.5	.5	.8	2.1	7.4	13.4	20.8	.3	3.2	3.2
	INDIVIDUAL	23	5	.3	1.1	.3	.3	.9	3.0	5.1	8.0	.2	1.3	1.3
	PARTNERSHIP	19	5	.3	1.1	.2	.3	.9	3.3	6.7	9.9	.1	1.5	1.5
	OTHER AND UNKNOWN	22	-	.1	.3	.1	.1	.3	1.2	1.7	2.8	(Z)	.4	.4
2092	FRESH OR FROZEN PACKAGED FISH													
	TOTAL	519	257	25.0	129.6	21.8	37.7	93.8	287.5	798.1	1 084.4	17.8	144.4	169.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	122	96	12.1	68.4	10.4	19.3	49.7	148.3	461.9	609.6	11.1	92.1	112.2
	CORPORATE OWNERSHIP OR CONTROL	114	92	11.9	67.8	10.2	19.0	49.2	147.0	459.3	605.8	11.1	91.9	111.9
	NONCORPORATE OWNERSHIP	8	4	.2	.6	.2	.3	.5	1.3	2.5	3.8	.1	.2	.3
	SINGLE UNIT COMPANIES, TOTAL	397	161	13.0	61.3	11.3	18.4	44.0	139.2	336.2	474.8	6.7	52.3	57.0
	CORPORATE OWNERSHIP OR CONTROL	248	134	11.1	54.7	9.7	16.0	38.6	126.7	307.8	433.8	6.1	48.6	53.4
	NONCORPORATE OWNERSHIP	149	27	1.8	6.5	1.7	2.4	5.4	12.5	28.5	40.9	.6	3.6	3.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	362	226	23.0	122.5	19.9	35.0	87.8	273.7	767.1	1 039.6	17.1	140.6	165.3
	NONCORPORATE, TOTAL	157	31	2.0	7.1	1.8	2.7	6.0	13.8	31.0	44.8	.7	3.8	4.0
	INDIVIDUAL	66	17	1.0	3.5	.8	1.2	2.9	5.5	12.7	18.2	.3	1.4	1.5
	PARTNERSHIP	41	13	.8	2.7	.8	1.1	2.4	6.0	12.3	18.3	.3	1.4	1.4
	OTHER AND UNKNOWN	50	1	.3	.9	.2	.4	.7	2.3	6.0	8.3	.1	1.0	1.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new ² (million dollars)	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2095	ROASTED COFFEE													
	TOTAL	213	104	12.9	131.5	8.3	17.0	81.0	825.8	1 503.1	2 328.7	31.5	199.3	183.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	95	73	11.1	115.0	7.4	15.2	74.4	783.4	1 409.5	2 193.3	29.6	187.6	171.3
	CORPORATE OWNERSHIP OR CONTROL . .	95	73	11.1	115.0	7.4	15.2	74.4	783.4	1 409.5	2 193.3	29.6	187.6	171.3
	NONCORPORATE OWNERSHIP	118	31	1.8	16.5	.9	1.7	6.6	42.4	93.6	135.4	1.9	11.7	12.0
	SINGLE UNIT COMPANIES, TOTAL	98	31	1.7	16.1	.8	1.7	6.3	40.7	90.4	130.6	1.8	11.3	11.6
	CORPORATE OWNERSHIP OR CONTROL . .	20	-	.1	.5	(Z)	.1	.2	1.7	3.2	4.8	.1	.3	.4
	NONCORPORATE OWNERSHIP	193	104	12.8	131.0	8.3	16.9	80.7	824.2	1 499.9	2 323.9	31.4	199.0	182.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	20	-	.1	.5	(Z)	.1	.2	1.7	3.2	4.8	.1	.3	.4
	NONCORPORATE, TOTAL	10	-	(Z)	.1	(Z)	(Z)	.1	.4	.7	1.1	(Z)	.1	.1
	INDIVIDUAL	5	-	(Z)	.2	(Z)	(Z)	.1	1.1	1.9	2.9	(Z)	.2	.3
	PARTNERSHIP	5	-	(Z)	.1	(Z)	(Z)	.1	.2	.5	.7	(Z)	.1	.1
	OTHER AND UNKNOWN													
2097	MANUFACTURED ICE													
	TOTAL	818	87	6.8	42.6	4.7	9.5	26.1	91.7	24.5	116.4	8.9	2.3	2.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	277	62	3.5	23.6	2.3	4.7	14.2	49.7	14.4	64.3	4.8	1.3	1.2
	CORPORATE OWNERSHIP OR CONTROL . .	262	62	3.5	23.4	2.3	4.6	14.0	49.3	14.3	63.8	4.8	1.3	1.2
	NONCORPORATE OWNERSHIP	15	-	(Z)	.2	(Z)	.1	.2	.4	.1	.5	(Z)	(Z)	(Z)
	SINGLE UNIT COMPANIES, TOTAL	541	25	3.3	19.0	2.4	4.8	11.9	42.0	10.1	52.1	4.1	1.0	1.0
	CORPORATE OWNERSHIP OR CONTROL . .	303	19	2.5	14.3	1.8	3.6	9.0	30.1	7.5	37.6	3.0	.7	.7
	NONCORPORATE OWNERSHIP	238	6	.8	4.6	.6	1.2	2.9	11.9	2.6	14.5	1.1	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	565	81	5.9	37.8	4.0	8.2	23.0	79.4	21.8	101.4	7.7	2.1	1.9
	NONCORPORATE, TOTAL	253	6	.9	4.8	.7	1.3	3.1	12.3	2.8	15.0	1.1	.3	.3
	INDIVIDUAL	91	-	.2	1.2	.2	.3	.7	3.4	.8	4.3	.3	.1	.1
	PARTNERSHIP	75	6	.4	2.4	.3	.6	1.6	5.7	1.2	6.9	.6	.1	.1
	OTHER AND UNKNOWN	87	-	.2	1.3	.2	.4	.8	3.2	.7	3.9	.3	.1	.1
2098	MACARONI AND SPAGHETTI													
	TOTAL	194	64	7.3	59.4	5.1	10.8	34.2	155.7	194.4	348.3	7.1	23.9	27.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	33	28	3.5	29.2	2.6	5.4	17.3	82.2	105.3	186.7	2.4	12.4	14.2
	CORPORATE OWNERSHIP OR CONTROL . .	32	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	161	36	3.8	30.2	2.5	5.3	16.9	73.5	89.1	161.6	4.7	11.5	13.1
	CORPORATE OWNERSHIP OR CONTROL . .	97	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	64	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	129	61	6.9	56.9	4.9	10.2	32.7	148.1	186.2	332.5	6.8	22.9	26.3
	NONCORPORATE, TOTAL	65	3	.4	2.5	.3	.6	1.5	7.6	8.2	15.8	.2	1.0	1.1
	INDIVIDUAL	24	-	.1	.5	.1	.1	.4	1.7	2.1	3.8	.1	.3	.3
	PARTNERSHIP	17	3	.2	1.7	.2	.3	1.0	4.7	4.6	9.2	.1	.5	.5
	OTHER AND UNKNOWN	24	-	(Z)	.3	(Z)	.1	.2	1.3	1.5	2.7	.1	.2	.2
2099	FOOD PREPARATIONS, N.E.C.													
	TOTAL	2 099	658	66.2	512.1	44.7	83.8	285.2	1 805.2	1 853.8	3 647.9	91.8	281.5	294.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	467	337	44.3	363.3	29.8	57.1	210.0	1 439.2	1 411.9	2 842.3	72.2	222.9	231.4
	CORPORATE OWNERSHIP OR CONTROL . .	456	333	44.0	361.5	29.6	56.6	208.8	1 434.8	1 406.6	2 832.8	72.0	221.5	229.8
	NONCORPORATE OWNERSHIP	11	4	.4	1.8	.3	.5	1.2	4.5	5.3	9.5	.2	1.4	1.7
	SINGLE UNIT COMPANIES, TOTAL	1 632	321	21.9	148.8	14.8	26.7	75.2	366.0	441.9	805.6	19.6	58.6	63.3
	CORPORATE OWNERSHIP OR CONTROL . .	993	284	18.8	131.3	12.5	22.7	64.6	307.1	376.9	682.0	16.8	49.0	53.3
	NONCORPORATE OWNERSHIP	639	37	3.0	17.5	2.3	4.0	10.6	58.9	65.1	123.7	2.8	9.6	10.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 449	617	62.8	492.9	42.1	79.3	273.3	1 741.9	1 783.5	3 514.8	88.8	270.7	283.1
	NONCORPORATE, TOTAL	650	41	3.4	19.2	2.6	4.5	11.8	63.3	70.3	133.1	3.0	11.0	11.7
	INDIVIDUAL	339	23	1.7	9.1	1.3	1.9	5.3	28.2	32.9	60.9	1.7	3.9	4.1
	PARTNERSHIP	132	16	1.1	6.3	.9	1.7	4.1	22.5	25.1	47.5	.9	4.7	4.8
	OTHER AND UNKNOWN	179	2	.6	3.9	.5	.8	2.4	12.7	12.3	24.7	.4	2.4	2.8
21	TOBACCO PRODUCTS													
	TOTAL	272	154	66.3	502.1	57.4	106.8	400.9	2 637.2	3 281.1	5 920.2	133.2	2 217.5	2 493.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	139	119	63.0	486.0	54.6	101.8	389.1	2 601.9	3 235.7	5 839.5	131.5	2 197.7	2 474.1
	CORPORATE OWNERSHIP OR CONTROL . .	135	116	62.9	485.4	54.5	101.5	388.6	2 600.9	3 234.2	5 836.9	131.5	2 196.9	2 473.3
	NONCORPORATE OWNERSHIP	4	3	.1	.6	.1	.2	.5	1.0	1.5	2.6	-	.8	.8
	SINGLE UNIT COMPANIES, TOTAL	133	35	3.3	16.1	2.8	5.0	11.8	35.2	45.4	80.8	1.6	19.9	19.2
	CORPORATE OWNERSHIP OR CONTROL . .	87	32	2.9	14.5	2.5	4.4	10.6	31.1	42.0	73.2	1.5	18.7	18.0
	NONCORPORATE OWNERSHIP	46	3	.4	1.6	.3	.6	1.3	4.1	3.4	7.5	.1	1.2	1.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	222	148	65.8	499.9	57.0	106.0	399.2	2 632.0	3 276.1	5 910.1	133.1	2 215.5	2 491.3
	NONCORPORATE, TOTAL	50	6	.5	2.2	.4	.8	1.8	5.1	5.0	10.1	.1	2.0	2.0
	INDIVIDUAL	28	2	.1	.5	.1	.2	.5	1.2	1.0	2.2	(Z)	.4	.3
	PARTNERSHIP	7	4	.3	1.4	.3	.5	1.1	3.3	3.2	6.6	(Z)	1.3	1.3
	OTHER AND UNKNOWN	15	-	.1	.2	.1	.1	.2	.6	.7	1.3	.1	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2111	CIGARETTES													
	TOTAL	20	11	38.1	344.8	33.4	62.2	286.5	² 2 188.4	1 554.7	³ 3 744.6	101.5	1 527.2	1 700.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	14	11	38.1	344.7	33.4	62.2	286.4	2 187.1	1 554.4	3 742.9	101.5	1 526.9	1 700.5
	CORPORATE OWNERSHIP OR CONTROL . .	14	11	38.1	344.7	33.4	62.2	286.4	2 187.1	1 554.4	3 742.9	101.5	1 526.9	1 700.5
	SINGLE UNIT COMPANIES, TOTAL	0	-	(Z)	.1	(Z)	(Z)	.1	1.3	.3	1.6	(Z)	.3	.3
	CORPORATE OWNERSHIP OR CONTROL . .	0	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	19	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2121	CIGARS													
	TOTAL	124	51	13.5	68.2	12.1	22.4	54.8	² 191.9	146.7	³ 338.7	5.4	62.3	62.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	35	30	11.2	57.7	10.1	18.9	46.9	167.2	128.3	295.5	4.3	54.8	54.0
	CORPORATE OWNERSHIP OR CONTROL . .	31	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	89	21	2.3	10.5	2.0	3.5	8.0	24.8	18.4	43.2	1.1	7.5	8.5
	CORPORATE OWNERSHIP OR CONTROL . .	53	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	36	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	84	47	13.1	66.3	11.7	21.7	53.3	187.3	142.6	330.0	5.3	60.8	60.9
	NONCORPORATE, TOTAL	40	4	.4	1.9	.4	.7	1.6	4.6	4.1	8.7	.1	1.5	1.6
	INDIVIDUAL	26	1	.1	.5	.1	.2	.4	1.1	.9	1.9	(Z)	.3	.3
	PARTNERSHIP	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	10	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2131	CHEWING AND SMOKING TOBACCO													
	TOTAL	37	22	3.3	23.0	2.6	4.7	15.0	² 103.2	77.3	³ 180.2	12.1	40.6	40.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	20	19	3.2	22.0	2.5	4.5	14.4	100.0	74.0	173.3	12.1	38.0	38.1
	CORPORATE OWNERSHIP OR CONTROL . .	20	19	3.2	22.0	2.5	4.5	14.4	100.0	74.0	173.3	12.1	38.0	38.1
	SINGLE UNIT COMPANIES, TOTAL	17	3	.2	1.0	.1	.2	.6	3.2	3.4	6.8	(Z)	2.6	1.9
	CORPORATE OWNERSHIP OR CONTROL . .	12	1	.1	.9	.1	.1	.5	2.8	3.0	6.1	(Z)	2.5	1.7
	NONCORPORATE OWNERSHIP	5	2	(Z)	.2	(Z)	.1	.1	.4	.4	.8	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	32	20	3.3	22.9	2.6	4.7	14.9	102.8	77.0	179.4	12.1	40.5	39.8
	NONCORPORATE, TOTAL	5	2	(Z)	.2	(Z)	.1	.1	.4	.4	.8	(Z)	.1	.1
	INDIVIDUAL	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2141	TOBACCO STEMMING AND REDRYING													
	TOTAL	91	70	11.4	66.0	9.3	17.4	44.5	² 153.6	1 502.4	³ 1 656.8	14.1	587.4	690.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	70	59	10.6	61.6	8.6	16.1	41.4	147.7	1 479.0	1 627.7	13.6	577.9	681.5
	CORPORATE OWNERSHIP OR CONTROL . .	70	59	10.6	61.6	8.6	16.1	41.4	147.7	1 479.0	1 627.7	13.6	577.9	681.5
	SINGLE UNIT COMPANIES, TOTAL	21	11	.8	4.4	.7	1.3	3.1	5.9	23.3	29.2	.5	9.5	8.6
	CORPORATE OWNERSHIP OR CONTROL . .	17	11	.8	4.3	.7	1.2	3.1	5.9	22.9	28.7	.5	9.2	8.4
	NONCORPORATE OWNERSHIP	4	-	(Z)	.1	(Z)	.1	.1	(Z)	.4	.5	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	87	70	11.4	65.9	9.3	17.4	44.5	153.6	1 501.9	1 656.3	14.1	587.2	689.8
	NONCORPORATE, TOTAL	4	-	(Z)	.1	(Z)	.1	.1	(Z)	.4	.5	(Z)	.2	.2
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS													
	TOTAL	7 201	4 503	952.6	6 051.0	836.1	1 725.8	4 806.9	11 715.8	16 499.4	28 063.9	1 127.4	3 750.6	3 940.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	2 477	2 273	731.5	4 674.0	642.2	1 342.2	3 785.6	9 168.8	13 776.7	22 832.7	904.9	3 192.1	3 334.2
	CORPORATE OWNERSHIP OR CONTROL . .	2 461	2 262	729.9	4 661.0	641.1	1 336.2	3 738.3	9 141.5	13 731.3	22 765.8	903.3	3 187.8	3 324.3
	NONCORPORATE OWNERSHIP	16	11	1.6	13.0	1.1	6.0	7.3	27.3	45.4	66.9	1.6	4.9	9.9
	SINGLE UNIT COMPANIES, TOTAL	4 724	2 230	221.0	1 377.0	193.9	383.7	1 061.3	2 547.0	2 722.7	5 231.2	222.5	557.8	606.5
	CORPORATE OWNERSHIP OR CONTROL . .	4 026	2 128	213.6	1 338.4	187.1	370.9	1 029.2	2 460.6	2 637.1	5 059.8	217.6	540.2	588.4
	NONCORPORATE OWNERSHIP	698	102	7.4	38.6	6.8	12.8	32.2	86.3	85.6	171.4	4.9	17.6	18.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	6 487	4 390	943.5	5 999.4	828.2	1 707.1	4 767.5	11 602.1	16 368.4	27 825.6	1 120.9	3 727.4	3 912.7
	NONCORPORATE, TOTAL	714	113	9.0	51.6	7.9	18.7	39.4	113.7	130.9	238.3	6.5	22.6	28.0
	INDIVIDUAL	317	46	3.4	20.0	2.8	5.2	13.4	44.6	60.8	99.6	2.6	8.8	14.2
	PARTNERSHIP	211	67	4.8	27.0	4.4	12.1	22.4	58.5	55.2	113.4	2.8	10.6	10.6
	OTHER AND UNKNOWN	186	-	.8	4.6	.8	1.4	3.6	10.6	14.9	25.3	1.1	3.2	3.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2211	WEAVING MILLS, COTTON													
	TOTAL	307	227	121.3	745.2	112.1	235.8	654.9	1 256.3	1 389.7	2 660.6	72.7	416.8	391.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	188	182	110.7	682.7	102.2	215.6	600.8	1 152.1	1 296.3	2 462.7	67.5	390.7	364.7
	CORPORATE OWNERSHIP OR CONTROL	188	182	110.7	682.7	102.2	215.6	600.8	1 152.1	1 296.3	2 462.7	67.5	390.7	364.7
	SINGLE UNIT COMPANIES, TOTAL	119	45	10.6	62.5	9.9	20.2	54.1	104.2	93.3	198.0	5.2	26.1	26.3
	CORPORATE OWNERSHIP OR CONTROL	95	44	10.5	62.1	9.8	20.0	53.7	103.0	92.3	195.8	5.1	25.8	25.9
	NONCORPORATE OWNERSHIP	24	1	.1	.5	.1	.2	.4	1.2	1.0	2.1	.1	.3	.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	283	226	121.2	744.7	112.0	235.6	654.5	1 255.1	1 388.6	2 658.5	72.6	416.5	390.6
	NONCORPORATE, TOTAL	24	1	.1	.5	.1	.2	.4	1.2	1.0	2.1	.1	.3	.4
	INDIVIDUAL	8	1	.1	.3	.1	.1	.3	.5	.4	.8	(D)	.1	.1
	PARTNERSHIP	7	-	(Z)	.2	(Z)	.1	.1	.6	.6	1.1	(Z)	.2	.2
	OTHER AND UNKNOWN	9	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	(D)	(Z)	(Z)
2221	WEAVING MILLS, MANMADE FIBER, SILK													
	TOTAL	412	341	149.7	979.4	134.9	292.7	825.2	1 831.6	2 062.6	3 856.6	136.2	532.2	586.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	267	259	139.4	910.9	125.7	273.2	769.1	1 708.0	1 929.0	3 600.0	129.0	498.4	550.8
	CORPORATE OWNERSHIP OR CONTROL	267	259	139.4	910.9	125.7	273.2	769.1	1 708.0	1 929.0	3 600.0	129.0	498.4	550.8
	SINGLE UNIT COMPANIES, TOTAL	145	82	10.3	68.5	9.2	19.5	56.1	123.6	133.6	256.6	7.2	33.7	35.7
	CORPORATE OWNERSHIP OR CONTROL	134	79	10.0	66.5	8.9	18.8	54.2	119.9	129.4	248.6	7.1	32.3	34.4
	NONCORPORATE OWNERSHIP	11	3	.3	2.0	.3	.7	1.9	3.7	4.2	8.0	.1	1.4	1.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	401	338	149.3	977.4	134.6	292.0	823.3	1 827.9	2 058.4	3 848.6	136.1	530.8	585.2
	NONCORPORATE, TOTAL	11	3	.3	2.0	.3	.7	1.9	3.7	4.2	8.0	.1	1.4	1.2
	INDIVIDUAL	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2231	WEAVING AND FINISHING MILLS, WOOL													
	TOTAL	198	119	19.4	132.1	16.5	34.7	99.0	239.4	217.1	450.1	11.6	78.7	90.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	60	55	12.4	85.0	10.4	22.0	62.9	151.1	151.3	297.6	8.5	57.4	65.7
	CORPORATE OWNERSHIP OR CONTROL	58	54	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	138	64	7.0	47.0	6.1	12.7	36.1	88.3	65.7	152.5	3.1	21.3	25.0
	CORPORATE OWNERSHIP OR CONTROL	109	60	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	29	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	167	114	18.8	128.3	16.0	33.5	95.9	232.5	211.5	437.7	11.3	77.9	89.8
	NONCORPORATE, TOTAL	31	5	.6	3.7	.6	1.2	3.1	6.9	5.6	12.5	.4	.9	.9
	INDIVIDUAL	13	1	.1	.6	.1	.2	.5	1.3	1.2	2.5	.1	.5	.4
	PARTNERSHIP	9	4	.5	2.8	.4	.9	2.4	4.9	3.8	8.7	.2	.2	.2
	OTHER AND UNKNOWN	9	-	(Z)	.3	(Z)	.1	.2	.7	.6	1.2	(Z)	.2	.2
2241	NARROW FABRIC MILLS													
	TOTAL	376	215	27.1	162.3	23.5	47.3	120.9	289.0	276.8	566.2	11.2	93.9	94.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	129	110	18.2	107.7	15.7	31.6	80.4	195.7	184.6	381.6	6.8	67.9	68.0
	CORPORATE OWNERSHIP OR CONTROL	129	110	18.2	107.7	15.7	31.6	80.4	195.7	184.6	381.6	6.8	67.9	68.0
	SINGLE UNIT COMPANIES, TOTAL	247	105	8.9	54.6	7.8	15.7	40.5	93.4	92.2	184.6	4.4	25.9	26.6
	CORPORATE OWNERSHIP OR CONTROL	209	103	8.7	53.4	7.6	15.3	39.5	90.9	89.5	179.5	4.4	25.2	25.8
	NONCORPORATE OWNERSHIP	38	2	.2	1.1	.2	.4	1.0	2.4	2.7	5.1	.1	.8	.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	338	213	26.9	161.1	23.3	46.9	119.9	286.6	274.1	561.1	11.1	93.1	93.8
	NONCORPORATE, TOTAL	38	2	.2	1.1	.2	.4	1.0	2.4	2.7	5.1	.1	.8	.8
	INDIVIDUAL	17	1	.1	.4	.1	.1	.3	.5	.4	.9	(Z)	.1	.1
	PARTNERSHIP	10	1	.1	.5	.1	.2	.5	1.1	1.4	2.5	(Z)	.3	.4
	OTHER AND UNKNOWN	11	-	.1	.2	(Z)	.1	.2	.9	.9	1.7	(Z)	.3	.3
2251	WOMEN'S HOSIERY, EXCEPT SOCKS													
	TOTAL	312	217	49.5	247.4	43.5	80.0	199.0	438.8	533.3	984.7	15.9	193.7	175.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	101	99	36.0	186.7	31.8	59.4	150.7	338.7	432.0	782.6	11.3	167.3	150.3
	CORPORATE OWNERSHIP OR CONTROL	101	99	36.0	186.7	31.8	59.4	150.7	338.7	432.0	782.6	11.3	167.3	150.3
	SINGLE UNIT COMPANIES, TOTAL	211	118	13.5	60.7	11.7	20.6	48.3	100.2	101.3	202.1	4.6	26.4	25.5
	CORPORATE OWNERSHIP OR CONTROL	173	110	13.1	59.3	11.3	20.0	47.1	96.5	98.6	195.8	4.4	25.7	24.9
	NONCORPORATE OWNERSHIP	38	8	.4	1.4	.4	.6	1.2	3.6	2.7	6.3	.2	.7	.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	274	209	49.1	246.0	43.1	79.4	197.8	435.2	530.6	978.4	15.7	193.0	175.2
	NONCORPORATE, TOTAL	38	8	.4	1.4	.4	.6	1.2	3.6	2.7	6.3	.2	.7	.6
	INDIVIDUAL	24	4	.2	.8	.2	.4	.7	2.8	1.8	4.6	.2	.3	.3
	PARTNERSHIP	8	4	.1	.5	.1	.2	.4	.7	.7	1.4	(Z)	.3	.2
	OTHER AND UNKNOWN	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.3	(Z)	(Z)	(Z)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2252	HOSIERY, N.E.C.													
	TOTAL	415	269	32.6	159.7	29.3	53.8	128.5	295.2	309.7	600.6	12.5	88.4	91.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	86	83	16.4	83.3	14.6	27.3	67.2	165.1	166.7	328.0	6.3	54.0	56.6
	CORPORATE OWNERSHIP OR CONTROL	86	83	16.4	83.3	14.6	27.3	67.2	165.1	166.7	328.0	6.3	54.0	56.6
	SINGLE UNIT COMPANIES, TOTAL	329	186	16.2	76.4	14.7	26.6	61.3	130.2	143.1	272.6	6.2	34.3	34.9
	CORPORATE OWNERSHIP OR CONTROL	233	168	15.0	71.2	13.6	24.6	57.0	118.6	131.4	249.3	5.5	31.7	32.2
	NONCORPORATE OWNERSHIP	96	18	1.2	5.1	1.1	1.9	4.3	11.6	11.6	23.3	.7	2.6	2.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	319	251	31.4	154.6	28.2	51.9	124.2	283.6	298.1	577.3	11.8	85.8	88.8
	NONCORPORATE, TOTAL	96	18	1.2	5.1	1.1	1.9	4.3	11.6	11.6	23.3	.7	2.6	2.6
	INDIVIDUAL	51	11	.6	2.4	.5	1.0	2.1	6.1	5.9	12.0	.2	1.1	1.1
	PARTNERSHIP	20	7	.5	2.1	.4	.7	1.7	3.8	3.9	7.7	.3	1.0	1.0
	OTHER AND UNKNOWN	25	-	.2	.7	.1	.2	.5	1.7	1.8	3.6	.1	.5	.5
2253	KNIT OUTERWEAR MILLS													
	TOTAL	917	547	74.4	430.4	65.1	122.5	324.1	799.5	919.0	1 703.8	45.9	249.4	273.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	111	96	34.9	202.7	29.7	57.0	147.1	398.5	561.8	950.6	22.4	172.5	190.4
	CORPORATE OWNERSHIP OR CONTROL	111	96	34.9	202.7	29.7	57.0	147.1	398.5	561.8	950.6	22.4	172.5	190.4
	SINGLE UNIT COMPANIES, TOTAL	806	451	39.4	227.8	35.3	65.5	177.0	401.0	357.2	753.2	23.4	76.9	82.8
	CORPORATE OWNERSHIP OR CONTROL	683	419	37.6	218.5	33.7	62.6	169.6	382.3	335.4	713.2	22.6	73.3	78.5
	NONCORPORATE OWNERSHIP	123	32	1.8	9.2	1.6	2.9	7.4	18.7	21.8	40.0	.8	3.6	4.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	794	515	72.6	421.2	63.4	119.6	316.7	780.8	897.2	1 663.8	45.1	245.8	269.0
	NONCORPORATE, TOTAL	123	32	1.8	9.2	1.6	2.9	7.4	18.7	21.8	40.0	.8	3.6	4.2
	INDIVIDUAL	49	18	.8	3.5	.7	1.2	3.1	5.6	3.3	8.8	.3	.7	.7
	PARTNERSHIP	46	14	.9	4.8	.8	1.4	3.6	11.7	13.8	25.0	.4	2.5	3.0
	OTHER AND UNKNOWN	28	-	.2	.9	.2	.3	.7	1.4	4.8	6.2	.1	.5	.5
2254	KNIT UNDERWEAR MILLS													
	TOTAL	87	74	26.0	134.6	23.8	43.5	111.6	251.5	290.2	544.6	7.0	88.0	83.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	44	43	22.1	115.7	20.2	36.8	95.3	220.2	265.3	488.2	5.4	78.8	74.8
	CORPORATE OWNERSHIP OR CONTROL	44	43	22.1	115.7	20.2	36.8	95.3	220.2	265.3	488.2	5.4	78.8	74.8
	SINGLE UNIT COMPANIES, TOTAL	43	31	3.9	19.0	3.6	6.7	16.3	31.3	24.9	56.4	1.6	9.2	8.8
	CORPORATE OWNERSHIP OR CONTROL	33	26	3.6	17.8	3.3	6.2	15.2	29.2	23.5	52.8	1.6	8.8	8.5
	NONCORPORATE OWNERSHIP	10	5	.3	1.1	.3	.5	1.1	2.1	1.4	3.6	(2)	.4	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	77	69	25.7	133.5	23.5	43.0	110.5	249.4	288.8	541.0	7.0	87.6	83.3
	NONCORPORATE, TOTAL	10	5	.3	1.1	.3	.5	1.1	2.1	1.4	3.6	(2)	.4	.3
	INDIVIDUAL	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	6	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2257	CIRCULAR KNIT FABRIC MILLS													
	TOTAL	716	430	68.1	492.6	57.3	121.7	362.1	1 036.0	1 800.8	2 808.8	270.1	313.7	336.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	224	203	50.4	359.8	42.2	90.7	264.2	777.7	1 496.5	2 245.5	231.0	266.2	286.8
	CORPORATE OWNERSHIP OR CONTROL	224	203	50.4	359.8	42.2	90.7	264.2	777.7	1 496.5	2 245.5	231.0	266.2	286.8
	SINGLE UNIT COMPANIES, TOTAL	492	227	17.7	132.8	15.1	31.0	98.0	258.3	304.3	563.3	39.1	47.7	47.7
	CORPORATE OWNERSHIP OR CONTROL	464	222	17.4	130.6	14.8	30.4	96.2	254.1	301.8	556.6	38.6	47.1	49.2
	NONCORPORATE OWNERSHIP	28	5	.3	2.1	.3	.5	1.8	4.2	2.5	6.7	.5	.4	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	688	425	67.8	490.5	57.1	121.2	360.4	1 031.8	1 798.3	2 802.1	269.6	313.3	336.0
	NONCORPORATE, TOTAL	28	5	.3	2.1	.3	.5	1.8	4.2	2.5	6.7	.5	.4	.5
	INDIVIDUAL	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.5	.7	(Z)	.1	.1
	PARTNERSHIP	12	5	.2	1.6	.2	.4	1.4	3.4	1.1	4.5	.4	.2	.2
	OTHER AND UNKNOWN	10	-	.1	.4	(Z)	.1	.3	.6	.9	1.5	.1	.2	.2
2258	WARP KNIT FABRIC MILLS													
	TOTAL	203	155	22.0	159.2	18.4	39.2	120.5	317.8	694.2	987.7	48.2	153.4	160.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	89	83	16.7	121.1	13.9	30.1	91.4	252.7	632.9	861.7	39.3	140.2	152.9
	CORPORATE OWNERSHIP OR CONTROL	88	82	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	114	72	5.4	38.0	4.5	9.1	29.1	65.1	61.4	125.9	8.8	13.1	13.5
	CORPORATE OWNERSHIP OR CONTROL	109	70	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	5	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	197	152	22.0	158.5	18.3	39.0	119.9	316.6	693.7	985.9	(D)	153.2	166.3
	NONCORPORATE, TOTAL	6	3	.1	.7	.1	.1	.6	1.2	.5	1.7	(D)	.2	.1
	INDIVIDUAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2259	KNITTING MILLS, N.E.C.													
	TOTAL	73	33	3.9	23.1	3.3	6.5	17.4	41.8	32.2	73.1	2.0	12.5	13.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	15	13	2.3	13.6	2.0	4.0	10.9	25.2	17.6	42.0	1.2	6.7	8.2
	CORPORATE OWNERSHIP OR CONTROL	15	13	2.3	13.6	2.0	4.0	10.9	25.2	17.6	42.0	1.2	6.7	8.2
	SINGLE UNIT COMPANIES, TOTAL	58	20	1.6	9.5	1.3	2.4	6.5	16.6	14.6	31.2	.8	5.8	5.7
	CORPORATE OWNERSHIP OR CONTROL	46	20	1.5	9.3	1.2	2.3	6.3	15.9	14.1	29.8	.8	5.7	5.5
	NONCORPORATE OWNERSHIP	12	-	.1	.3	.1	.1	.2	.8	.6	1.3	.1	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	61	33	3.8	22.9	3.2	6.3	17.2	41.1	31.6	71.8	2.0	12.3	13.7
	NONCORPORATE, TOTAL	12	-	.1	.3	.1	.1	.2	.8	.6	1.3	.1	.2	.2
	INDIVIDUAL	4	-	(Z)	.1	(Z)	(Z)	.1	.5	.3	.8	(Z)	.1	.1
	PARTNERSHIP	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(U)
2261	FINISHING PLANTS, COTTON													
	TOTAL	196	115	25.7	177.2	21.7	45.0	142.1	322.0	303.5	623.3	31.5	59.1	60.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	65	52	19.2	126.3	16.2	33.4	102.8	238.4	231.7	467.8	22.3	47.8	48.7
	CORPORATE OWNERSHIP OR CONTROL	65	52	19.2	126.3	16.2	33.4	102.8	238.4	231.7	467.8	22.3	47.8	48.7
	SINGLE UNIT COMPANIES, TOTAL	131	63	6.5	50.9	5.5	11.6	39.3	83.7	71.8	155.4	9.3	11.3	11.8
	CORPORATE OWNERSHIP OR CONTROL	116	63	6.5	50.5	5.4	11.5	39.0	82.3	71.2	153.5	9.2	11.2	11.7
	NONCORPORATE OWNERSHIP	15	-	.1	.4	.1	.1	.3	1.4	.6	2.0	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	181	115	25.7	176.8	21.7	44.9	141.8	320.7	302.9	621.3	31.5	59.0	60.4
	NONCORPORATE, TOTAL	15	-	.1	.4	.1	.1	.3	1.4	.6	2.0	(Z)	.1	.1
	INDIVIDUAL	10	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(Z)	.2	(Z)	(Z)	.2	1.0	.2	1.2	(Z)	(Z)	(Z)
2262	FINISHING PLANTS, MANMADE FIBER AND SILK													
	TOTAL	258	189	35.2	263.2	29.5	63.4	200.7	521.5	846.4	1 365.2	48.8	121.0	126.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	92	82	24.6	170.1	20.4	43.8	128.1	360.8	740.5	1 099.2	36.4	109.6	114.8
	CORPORATE OWNERSHIP OR CONTROL	92	82	24.6	170.1	20.4	43.8	128.1	360.8	740.5	1 099.2	36.4	109.6	114.8
	SINGLE UNIT COMPANIES, TOTAL	166	107	10.6	93.1	9.1	19.6	72.6	160.7	105.8	266.0	12.4	11.4	12.1
	CORPORATE OWNERSHIP OR CONTROL	157	107	10.5	92.8	9.0	19.5	72.4	160.1	105.6	265.2	12.4	11.4	12.0
	NONCORPORATE OWNERSHIP	9	-	(Z)	.3	(Z)	.1	.2	.6	.3	.8	(Z)	(Z)	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	249	189	35.2	262.9	29.5	63.3	200.5	520.9	846.1	1 364.3	48.8	121.0	126.8
	NONCORPORATE, TOTAL	9	-	(Z)	.3	(Z)	.1	.2	.6	.3	.8	(Z)	(Z)	.1
	INDIVIDUAL	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(Z)	.3	(Z)	.1	.2	.5	.2	.7	(Z)	(Z)	(Z)
2269	FINISHING PLANTS, N.E.C.													
	TOTAL	201	128	18.5	123.5	16.1	37.1	93.2	270.4	368.8	637.3	35.2	44.6	47.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	80	69	14.0	92.6	12.2	29.4	70.4	210.6	291.0	499.8	31.2	36.6	38.6
	CORPORATE OWNERSHIP OR CONTROL	77	66	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	121	59	4.5	30.9	3.9	7.7	22.8	59.7	77.8	137.6	4.0	7.9	9.1
	CORPORATE OWNERSHIP OR CONTROL	109	58	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	12	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	186	124	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	15	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	5	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.2	.3	(Z)	(Z)	(Z)
	PARTNERSHIP	7	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	(Z)	(Z)	(Z)
2271	WOVEN CARPETS AND RUGS													
	TOTAL	65	18	6.5	44.5	5.6	11.6	35.2	93.2	119.1	212.3	3.2	42.9	44.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	13	12	5.8	40.7	5.1	10.5	32.4	86.6	106.8	193.2	3.0	39.0	40.7
	CORPORATE OWNERSHIP OR CONTROL	13	12	5.8	40.7	5.1	10.5	32.4	86.6	106.8	193.2	3.0	39.0	40.7
	SINGLE UNIT COMPANIES, TOTAL	52	6	.7	3.9	.6	1.1	2.8	6.6	12.3	19.1	.2	3.9	3.7
	CORPORATE OWNERSHIP OR CONTROL	31	6	.6	3.6	.5	1.0	2.6	6.0	11.1	17.3	.2	3.7	3.4
	NONCORPORATE OWNERSHIP	21	-	.1	.3	.1	.1	.2	.6	1.2	1.8	(Z)	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	44	18	6.4	44.3	5.6	11.5	35.0	92.6	117.9	210.5	3.2	42.6	44.1
	NONCORPORATE, TOTAL	21	-	.1	.3	.1	.1	.2	.6	1.2	1.8	(Z)	.3	.3
	INDIVIDUAL	9	-	(Z)	.1	(Z)	(Z)	.1	.3	.5	.8	(Z)	.2	.2
	PARTNERSHIP	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	OTHER AND UNKNOWN	8	-	(Z)	.1	(Z)	.1	.1	.3	.7	1.0	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2272	TUFTED CARPETS AND RUGS													
	TOTAL	379	235	50.1	348.0	40.3	83.1	243.2	926.8	1 869.5	2 775.2	67.1	438.5	491.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	136	125	37.1	258.7	29.8	60.9	182.5	670.2	1 508.9	2 159.9	39.6	362.9	396.9
	CORPORATE OWNERSHIP OR CONTROL . .	133	123	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	243	110	13.0	89.3	10.5	22.2	60.7	256.6	380.6	615.3	27.5	75.6	94.9
	CORPORATE OWNERSHIP OR CONTROL . .	204	107	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	39	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	337	230	49.2	339.9	39.7	81.7	239.0	906.6	1 850.5	2 721.8	65.3	434.3	482.3
	NONCORPORATE, TOTAL	42	5	1.0	8.1	.6	1.4	4.2	20.2	39.0	53.4	1.8	4.2	9.5
	INDIVIDUAL	19	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	12	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	11	-	(Z)	.1	(Z)	(Z)	.1	.7	1.4	2.1	.1	.4	.4
2279	CARPETS AND RUGS, N.E.C.													
	TOTAL	83	25	3.2	22.7	2.5	4.9	15.6	56.0	102.4	157.0	4.3	25.2	24.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	0	0	2.0	16.3	1.5	3.2	11.3	43.4	83.7	127.4	3.3	21.2	19.7
	CORPORATE OWNERSHIP OR CONTROL . .	0	0	2.0	16.3	1.5	3.2	11.3	43.4	83.7	127.4	3.3	21.2	19.7
	SINGLE UNIT COMPANIES, TOTAL	74	16	1.2	6.4	1.0	1.7	4.3	12.5	18.7	30.5	1.0	4.0	4.9
	CORPORATE OWNERSHIP OR CONTROL . .	42	14	1.1	5.6	.9	1.5	3.7	11.2	17.1	27.6	.7	3.5	4.5
	NONCORPORATE OWNERSHIP	32	2	.1	.7	.1	.3	.6	1.4	1.6	2.9	.2	.5	.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	51	23	3.1	22.0	2.4	4.7	15.0	54.6	100.8	155.0	4.1	24.7	24.2
	NONCORPORATE, TOTAL	32	2	.1	.7	.1	.3	.6	1.4	1.6	2.9	.2	.5	.4
	INDIVIDUAL	15	-	(Z)	.2	(Z)	.1	.1	.4	.7	1.1	.2	.2	.2
	PARTNERSHIP	6	2	.1	.3	.1	.1	.3	.5	.4	.9	(Z)	.1	.1
	OTHER AND UNKNOWN	11	-	(Z)	.2	(Z)	(Z)	.1	.4	.6	.9	.2	.2	.2
2281	YARN MILLS, EXCEPT WOOL													
	TOTAL	424	357	89.6	516.3	83.5	177.2	451.4	867.2	1 385.6	2 248.3	96.3	237.3	243.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	270	258	71.5	415.2	66.6	142.2	363.7	697.2	1 153.5	1 850.9	79.8	196.4	197.6
	CORPORATE OWNERSHIP OR CONTROL . .	270	258	71.5	415.2	66.6	142.2	363.7	697.2	1 153.5	1 850.9	79.8	196.4	197.6
	SINGLE UNIT COMPANIES, TOTAL	154	99	18.1	101.1	16.9	35.1	87.6	170.0	232.1	397.4	16.5	41.0	45.5
	CORPORATE OWNERSHIP OR CONTROL . .	144	99	18.0	100.8	16.9	35.0	87.4	169.6	231.5	396.5	16.5	40.9	45.4
	NONCORPORATE OWNERSHIP	10	-	(Z)	.2	(Z)	.1	.2	.3	.6	.9	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	414	357	89.5	516.1	83.4	177.2	451.2	866.8	1 385.1	2 247.4	96.3	237.2	243.0
	NONCORPORATE, TOTAL	10	-	(Z)	.2	(Z)	.1	.2	.3	.6	.9	(Z)	.1	.1
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	4	-	(Z)	.1	(Z)	(Z)	.1	.2	.3	.5	(Z)	.1	.1
	OTHER AND UNKNOWN	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2282	THROWING AND WINDING MILLS													
	TOTAL	212	169	38.0	230.9	32.9	67.9	180.1	477.8	941.3	1 427.6	113.7	122.6	110.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	93	90	29.3	181.4	25.1	52.8	140.5	386.3	822.3	1 218.4	88.3	107.6	92.9
	CORPORATE OWNERSHIP OR CONTROL . .	92	89	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	119	79	8.7	49.5	7.8	15.1	39.6	91.5	119.0	209.2	25.4	15.0	17.8
	CORPORATE OWNERSHIP OR CONTROL . .	110	76	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	9	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	202	165	37.7	229.7	32.7	67.4	178.9	475.7	940.3	1 424.5	113.7	122.5	110.6
	NONCORPORATE, TOTAL	10	4	.2	1.2	.2	.5	1.2	2.1	1.1	3.1	(Z)	.1	.1
	INDIVIDUAL	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	5	3	.2	1.0	.2	.4	.9	1.6	.6	2.2	(Z)	(Z)	.1
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2283	WOOL YARN MILLS													
	TOTAL	98	63	8.3	49.7	7.5	15.3	41.5	92.7	134.9	221.4	4.2	28.9	37.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	31	28	5.1	30.6	4.6	9.5	25.8	64.0	99.3	157.5	2.8	21.3	28.3
	CORPORATE OWNERSHIP OR CONTROL . .	31	28	5.1	30.6	4.6	9.5	25.8	64.0	99.3	157.5	2.8	21.3	28.3
	SINGLE UNIT COMPANIES, TOTAL	67	35	3.2	19.1	2.9	5.9	15.7	28.8	35.6	63.9	1.4	7.6	8.6
	CORPORATE OWNERSHIP OR CONTROL . .	63	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	94	62	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2284	THREAD MILLS													
	TOTAL	73	45	11.7	69.2	10.1	19.9	52.8	141.8	205.2	345.4	7.5	55.9	56.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	34	31	10.3	61.0	9.0	17.7	47.7	126.3	187.9	312.6	5.5	52.0	52.9
	CORPORATE OWNERSHIP OR CONTROL	32	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	39	14	1.3	8.1	1.1	2.2	5.2	15.5	17.3	32.9	2.0	3.9	3.9
	CORPORATE OWNERSHIP OR CONTROL	33	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	65	42	11.4	68.1	9.9	19.6	52.0	140.0	201.5	340.0	7.4	55.1	56.1
	NONCORPORATE, TOTAL	8	3	.2	1.1	.2	.4	.8	1.8	3.7	5.5	.1	.8	.8
	INDIVIDUAL	6	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2291	FELT GOODS, EXCEPT WOVEN FELTS AND HATS													
	TOTAL	47	30	5.0	38.3	4.0	8.5	28.0	80.5	65.4	146.5	2.8	25.2	25.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	26	23	4.0	31.0	3.1	6.7	22.2	67.3	52.7	120.5	2.4	22.4	22.8
	CORPORATE OWNERSHIP OR CONTROL	26	23	4.0	31.0	3.1	6.7	22.2	67.3	52.7	120.5	2.4	22.4	22.8
	SINGLE UNIT COMPANIES, TOTAL	21	7	1.0	7.4	.8	1.8	5.8	13.2	12.8	25.9	.4	2.8	2.9
	CORPORATE OWNERSHIP OR CONTROL	18	7	.9	7.3	.8	1.7	5.8	13.0	12.6	25.5	.4	2.7	2.8
	NONCORPORATE OWNERSHIP	3	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.5	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	44	30	4.9	38.2	4.0	8.5	28.0	80.3	65.2	146.0	2.8	25.1	25.6
	NONCORPORATE, TOTAL	3	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.5	(Z)	.1	.1
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2292	LACE GOODS													
	TOTAL	105	29	2.9	17.3	2.5	4.7	13.5	29.4	18.1	47.1	1.7	7.4	7.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	16	13	1.4	8.4	1.3	2.4	6.8	12.2	9.1	21.0	1.2	3.9	4.1
	CORPORATE OWNERSHIP OR CONTROL	16	13	1.4	8.4	1.3	2.4	6.8	12.2	9.1	21.0	1.2	3.9	4.1
	SINGLE UNIT COMPANIES, TOTAL	89	16	1.4	8.8	1.2	2.3	6.6	17.2	9.0	26.1	.5	3.5	3.6
	CORPORATE OWNERSHIP OR CONTROL	70	16	1.7	8.4	1.1	2.2	6.3	16.2	8.5	24.6	.5	3.2	3.4
	NONCORPORATE OWNERSHIP	19	-	.1	.4	.1	.1	.3	1.0	.5	1.5	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	86	29	2.8	16.8	2.4	4.6	13.1	28.4	17.6	45.6	1.7	7.2	7.4
	NONCORPORATE, TOTAL	19	-	.1	.4	.1	.1	.3	1.0	.5	1.5	(Z)	.2	.2
	INDIVIDUAL	12	-	(Z)	.2	(Z)	(Z)	.1	.4	.2	.6	(Z)	.1	.1
	PARTNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2293	PADDINGS AND UPHOLSTERY FILLING													
	TOTAL	132	59	4.4	34.2	3.6	7.2	23.1	64.5	70.8	134.6	2.9	10.3	11.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	34	26	2.4	18.8	2.0	3.9	12.7	36.0	37.4	72.8	1.8	5.9	7.0
	CORPORATE OWNERSHIP OR CONTROL	32	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	98	33	2.0	15.3	1.6	3.3	10.4	28.5	33.5	61.8	1.2	4.3	4.6
	CORPORATE OWNERSHIP OR CONTROL	78	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	20	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	110	55	4.1	31.3	3.3	6.6	21.3	57.9	62.5	119.8	2.9	9.6	10.9
	NONCORPORATE, TOTAL	22	4	.3	2.8	.3	.5	1.8	6.6	8.3	14.8	(Z)	.6	.7
	INDIVIDUAL	14	2	.2	2.0	.2	.4	1.2	4.5	6.4	11.0	(Z)	.4	.5
	PARTNERSHIP	5	2	.1	.8	.1	.2	.6	2.0	1.8	3.8	(Z)	.2	.1
	OTHER AND UNKNOWN	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	-	(Z)	(Z)
2294	PROCESSED TEXTILE WASTE													
	TOTAL	106	37	3.6	22.2	3.1	6.7	16.9	50.9	83.6	133.8	3.2	12.4	13.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	25	21	2.2	14.0	1.9	4.1	11.1	34.1	68.0	101.5	2.5	8.2	9.8
	CORPORATE OWNERSHIP OR CONTROL	25	21	2.2	14.0	1.9	4.1	11.1	34.1	68.0	101.5	2.5	8.2	9.8
	SINGLE UNIT COMPANIES, TOTAL	81	16	1.4	8.2	1.2	2.5	5.8	16.8	15.6	32.3	.6	4.2	4.1
	CORPORATE OWNERSHIP OR CONTROL	66	14	1.0	6.2	.9	1.8	4.1	12.9	10.8	23.8	.5	2.9	2.8
	NONCORPORATE OWNERSHIP	15	2	.4	2.0	.3	.8	1.7	3.8	4.8	8.6	.1	1.2	1.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	91	35	3.2	20.2	2.8	5.9	15.2	47.1	78.8	125.3	3.1	11.1	12.6
	NONCORPORATE, TOTAL	15	2	.4	2.0	.3	.8	1.7	3.8	4.8	8.6	.1	1.2	1.3
	INDIVIDUAL	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	7	2	.3	1.8	.3	.7	1.6	3.4	4.4	7.8	.1	1.1	1.2
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars ¹)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2295	COATED FABRICS, NOT RUBBERIZED													
	TOTAL	203	132	18.0	167.8	13.1	28.2	109.3	382.4	491.7	865.8	29.6	125.9	145.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	80	75	14.8	141.3	10.7	23.3	92.8	328.4	423.1	743.7	26.6	113.0	130.6
	CORPORATE OWNERSHIP OR CONTROL . .	80	75	14.8	141.3	10.7	23.3	92.8	328.4	423.1	743.7	26.6	113.0	130.6
	SINGLE UNIT COMPANIES, TOTAL	123	57	3.2	26.5	2.5	4.9	16.5	54.1	68.6	122.1	3.0	13.0	15.1
	CORPORATE OWNERSHIP OR CONTROL . .	118	56	3.2	26.2	2.4	4.9	16.3	53.6	67.8	120.7	3.0	12.8	14.8
	NONCORPORATE OWNERSHIP	5	1	(Z)	.3	(Z)	(Z)	.2	.5	.8	1.3	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	198	131	18.0	167.5	13.1	28.2	109.1	381.9	490.9	864.5	29.6	125.7	145.5
	NONCORPORATE, TOTAL	5	1	(Z)	.3	(Z)	(Z)	.2	.5	.8	1.3	(Z)	.2	.2
	INDIVIDUAL	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2296	TIRE CORD AND FABRIC													
	TOTAL	18	18	10.0	70.0	9.1	19.4	60.6	145.8	540.1	685.1	8.8	63.1	67.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	17	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL . .	17	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL . .	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	18	18	10.0	70.0	9.1	19.4	60.6	145.8	540.1	685.1	8.8	63.1	67.3
2297	NONWOVEN FABRICS													
	TOTAL	84	67	10.8	80.6	8.8	18.7	57.7	191.8	210.1	397.4	15.0	41.7	50.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	53	47	9.6	73.2	7.8	16.8	53.0	175.9	192.1	363.8	13.8	38.9	47.0
	CORPORATE OWNERSHIP OR CONTROL . .	53	47	9.6	73.2	7.8	16.8	53.0	175.9	192.1	363.8	13.8	38.9	47.0
	SINGLE UNIT COMPANIES, TOTAL	31	20	1.2	7.3	1.0	1.8	4.7	15.9	17.9	33.6	1.2	2.8	3.3
	CORPORATE OWNERSHIP OR CONTROL . .	29	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	82	65	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2298	CORDAGE AND TWINE													
	TOTAL	156	81	9.0	55.4	7.6	15.2	40.9	96.3	92.1	191.0	4.9	45.1	42.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	51	47	6.7	42.9	5.7	11.2	32.0	72.6	71.2	146.4	3.7	37.2	34.4
	CORPORATE OWNERSHIP OR CONTROL . .	51	47	6.7	42.9	5.7	11.2	32.0	72.6	71.2	146.4	3.7	37.2	34.4
	SINGLE UNIT COMPANIES, TOTAL	105	34	2.2	12.5	2.0	3.9	8.9	23.7	20.9	44.6	1.2	7.9	8.3
	CORPORATE OWNERSHIP OR CONTROL . .	88	32	2.0	11.6	1.8	3.6	8.1	21.8	19.2	41.0	1.1	7.2	7.5
	NONCORPORATE OWNERSHIP	17	2	.2	1.0	.2	.4	.8	1.9	1.7	3.6	(Z)	.7	.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	139	79	8.8	54.5	7.4	14.8	40.1	94.4	90.4	187.3	4.8	44.8	42.0
	NONCORPORATE, TOTAL	17	2	.2	1.0	.2	.4	.8	1.9	1.7	3.6	(Z)	.7	.8
	INDIVIDUAL	9	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	6	-	(Z)	.2	(Z)	.1	.1	.5	.4	.9	(Z)	.2	.2
2299	TEXTILE GOODS, N.E.C.													
	TOTAL	345	79	8.3	53.9	6.8	14.3	37.8	107.7	105.1	211.8	13.4	22.3	28.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	38	22	2.2	13.6	1.8	3.7	10.4	30.0	35.7	65.5	4.2	7.0	12.0
	CORPORATE OWNERSHIP OR CONTROL . .	36	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	307	57	6.1	40.3	5.0	10.6	27.4	77.8	69.4	146.3	9.2	15.4	16.8
	CORPORATE OWNERSHIP OR CONTROL . .	261	56	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	46	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	297	78	8.1	52.8	6.7	14.0	37.1	105.3	101.7	205.9	13.0	21.5	28.1
	NONCORPORATE, TOTAL	48	1	.2	1.2	.1	.3	.7	2.5	3.4	5.9	.4	.7	.7
	INDIVIDUAL	19	-	.1	.4	.1	.1	.3	1.0	1.1	2.2	.1	.3	.3
	PARTNERSHIP	15	1	.1	.4	.1	.1	.3	1.0	1.2	2.2	.1	.2	.2
	OTHER AND UNKNOWN	14	-	(Z)	.3	(Z)	.1	.2	.5	1.1	1.6	.1	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
23	APPAREL, OTHER TEXTILE PRODUCTS													
	TOTAL	24 438	12 226	1 368.3	7 212.0	1 198.3	2 161.1	5 461.1	13 487.5	14 532.0	27 809.2	363.5	3 538.5	3 788.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	3 849	3 420	696.7	3 723.6	605.1	1 116.6	2 815.8	7 404.6	8 452.5	15 710.2	212.5	2 336.9	2 495.3
	CORPORATE OWNERSHIP OR CONTROL	3 764	3 356	689.5	3 686.8	598.7	1 105.0	2 787.0	7 336.2	8 399.2	15 588.5	211.2	2 320.6	2 480.9
	NONCORPORATE OWNERSHIP	85	64	7.2	36.8	6.3	11.6	28.8	68.4	53.3	121.7	1.3	16.3	14.4
	SINGLE UNIT COMPANIES, TOTAL	20 589	8 806	671.7	3 488.5	593.2	1 044.5	2 645.3	6 082.9	6 079.5	12 098.9	151.0	1 201.6	1 293.5
	CORPORATE OWNERSHIP OR CONTROL	14 331	7 673	595.5	3 149.0	522.1	925.1	2 353.5	5 500.9	5 700.0	11 139.5	139.2	1 116.5	1 206.6
	NONCORPORATE OWNERSHIP	6 258	1 133	76.2	339.5	71.1	119.4	291.7	582.0	379.5	959.4	11.8	85.1	86.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	18 095	11 029	1 284.9	6 835.8	1 120.9	2 030.1	5 140.5	12 837.2	14 099.2	26 728.0	350.4	3 437.1	3 687.5
	NONCORPORATE, TOTAL	6 343	1 197	83.4	376.2	77.4	131.0	320.6	650.4	432.8	1 081.1	13.1	101.2	101.3
	INDIVIDUAL	3 254	685	40.2	173.1	37.6	62.8	150.3	286.2	142.8	428.8	5.8	36.2	36.2
	PARTNERSHIP	1 576	512	36.2	170.4	33.2	57.2	144.4	302.6	233.3	534.3	6.0	51.9	52.2
	OTHER AND UNKNOWN	1 513	-	7.0	32.7	6.5	11.0	25.9	61.5	56.7	118.1	1.3	13.0	13.0
2311	MEN'S AND BOYS' SUITS AND COATS													
	TOTAL	856	570	124.8	770.3	108.3	193.7	603.1	1 342.2	1 064.5	2 396.9	22.5	395.2	399.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	250	233	80.4	509.6	69.1	124.3	396.8	924.4	732.4	1 653.2	13.7	295.6	296.2
	CORPORATE OWNERSHIP OR CONTROL	248	231	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	606	337	44.4	260.7	39.2	69.4	206.3	417.8	332.0	743.7	8.8	99.6	103.6
	CORPORATE OWNERSHIP OR CONTROL	489	307	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	117	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	737	538	121.9	754.5	105.7	189.0	589.5	1 317.5	1 046.2	2 354.2	22.2	390.7	395.2
	NONCORPORATE, TOTAL	119	32	2.9	15.7	2.7	4.8	13.5	24.7	18.3	42.7	.3	4.5	4.5
	INDIVIDUAL	53	14	1.0	5.0	.9	1.6	4.4	7.5	3.0	10.5	.2	1.0	1.1
	PARTNERSHIP	41	18	1.8	9.8	1.6	2.9	8.5	15.1	13.1	28.0	.1	2.9	2.9
	OTHER AND UNKNOWN	25	-	.1	.9	.1	.2	.7	2.1	2.2	4.2	(Z)	.5	.5
2321	MEN'S, BOYS' SHIRTS AND NIGHTWEAR													
	TOTAL	730	563	113.4	514.9	102.0	186.7	413.0	1 003.8	1 118.5	2 104.3	24.1	296.4	327.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	341	323	84.0	382.6	75.8	138.9	311.0	762.9	872.3	1 622.4	17.9	243.6	265.9
	CORPORATE OWNERSHIP OR CONTROL	341	323	84.0	382.6	75.8	138.9	311.0	762.9	872.3	1 622.4	17.9	243.6	265.9
	SINGLE UNIT COMPANIES, TOTAL	389	240	29.4	132.3	26.2	47.8	102.1	241.0	246.1	481.9	6.2	52.8	61.5
	CORPORATE OWNERSHIP OR CONTROL	322	209	26.8	121.2	23.7	43.2	92.1	222.7	238.3	455.6	5.9	51.1	59.7
	NONCORPORATE OWNERSHIP	67	31	2.7	11.1	2.5	4.6	10.0	18.3	7.9	26.3	.4	1.7	1.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	663	532	110.8	503.7	99.5	182.1	403.0	985.5	1 110.6	2 078.0	23.8	294.7	325.6
	NONCORPORATE, TOTAL	67	31	2.7	11.1	2.5	4.6	10.0	18.3	7.9	26.3	.4	1.7	1.8
	INDIVIDUAL	35	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	26	14	1.8	7.6	1.7	3.0	6.8	11.9	3.7	15.7	.2	.8	.8
	OTHER AND UNKNOWN	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2322	MEN'S AND BOYS' UNDERWEAR													
	TOTAL	94	73	16.0	68.6	15.1	27.7	60.2	130.9	112.1	239.3	5.7	32.8	36.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	52	49	13.6	58.8	12.9	23.7	51.9	118.7	99.4	213.9	5.6	29.0	33.2
	CORPORATE OWNERSHIP OR CONTROL	51	49	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	42	24	2.3	9.9	2.2	4.0	8.3	12.2	12.6	25.4	.1	3.8	3.4
	CORPORATE OWNERSHIP OR CONTROL	36	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	87	73	15.9	68.5	15.1	27.6	60.1	130.6	111.8	238.9	5.7	32.8	36.5
	NONCORPORATE, TOTAL	7	-	(Z)	.1	(Z)	.1	.1	.2	.2	.5	(Z)	.1	.1
	INDIVIDUAL	4	-	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	(D)	(Z)	(Z)
	PARTNERSHIP	3	-	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	(D)	(Z)	(Z)
	OTHER AND UNKNOWN	3	-	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	(D)	(Z)	(Z)
2323	MEN'S AND BOYS' NECKWEAR													
	TOTAL	299	135	11.1	70.0	8.8	15.5	38.9	143.4	154.1	294.9	4.0	27.4	28.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	25	22	3.4	24.8	2.4	4.3	11.1	51.9	59.4	109.3	2.3	10.1	10.5
	CORPORATE OWNERSHIP OR CONTROL	25	22	3.4	24.8	2.4	4.3	11.1	51.9	59.4	109.3	2.3	10.1	10.5
	SINGLE UNIT COMPANIES, TOTAL	274	113	7.7	45.2	6.4	11.2	27.8	91.5	94.7	185.6	1.7	17.3	18.1
	CORPORATE OWNERSHIP OR CONTROL	188	102	6.9	41.7	5.7	10.1	25.1	84.5	88.0	171.9	1.6	16.1	16.9
	NONCORPORATE OWNERSHIP	86	11	.8	3.5	.7	1.2	2.7	7.0	6.7	13.7	.1	1.3	1.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	213	124	10.3	66.5	8.1	14.3	36.2	136.4	147.4	281.2	3.9	26.2	27.4
	NONCORPORATE, TOTAL	86	11	.8	3.5	.7	1.2	2.7	7.0	6.7	13.7	.1	1.3	1.2
	INDIVIDUAL	54	8	.5	2.4	.5	.8	1.8	4.3	3.9	8.2	.1	.7	.7
	PARTNERSHIP	15	3	.2	.8	.2	.2	.6	2.0	2.0	3.9	(Z)	.4	.3
	OTHER AND UNKNOWN	17	-	.1	.4	.1	.1	.3	.7	.9	1.6	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2327	MEN'S AND BOYS' SEPARATE TROUSERS													
	TOTAL	624	428	91.3	439.3	81.8	150.0	346.8	784.9	966.1	1 745.0	22.2	296.8	286.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	260	241	64.8	307.4	58.6	107.9	249.8	548.5	648.6	1 197.9	15.8	220.6	205.3
	CORPORATE OWNERSHIP OR CONTROL	256	237	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	364	187	26.6	131.9	23.2	42.2	96.9	236.4	317.5	547.0	6.4	76.0	81.1
	CORPORATE OWNERSHIP OR CONTROL	279	170	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	85	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	535	407	88.5	426.5	79.1	145.3	335.7	766.9	957.7	1 718.7	21.6	294.1	283.4
	NONCORPORATE, TOTAL	89	21	2.8	12.8	2.7	4.7	11.0	18.0	8.3	26.3	.6	2.7	2.9
	INDIVIDUAL	42	10	.8	3.0	.7	1.3	2.5	4.7	2.4	7.1	.1	.7	.7
	PARTNERSHIP	23	11	2.0	9.4	1.9	3.3	8.3	12.6	5.1	17.6	.4	1.7	1.9
	OTHER AND UNKNOWN	24	-	.1	.4	.1	.1	.3	.7	.8	1.5	(Z)	.3	.2
2328	MEN'S AND BOYS' WORK CLOTHING													
	TOTAL	503	435	89.6	389.0	80.6	149.0	322.6	784.8	963.2	1 738.0	24.1	221.8	236.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	298	289	70.2	304.2	63.1	116.9	254.5	653.4	828.7	1 473.8	19.8	187.0	198.6
	CORPORATE OWNERSHIP OR CONTROL	294	285	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	205	146	19.4	84.8	17.6	32.1	68.1	131.4	134.5	264.2	4.3	34.8	38.3
	CORPORATE OWNERSHIP OR CONTROL	174	134	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	31	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	468	419	88.4	383.9	79.6	147.0	318.4	774.7	952.7	1 717.3	24.0	219.1	234.3
	NONCORPORATE, TOTAL	35	16	1.2	5.1	1.1	2.0	4.2	10.1	10.5	20.7	.1	2.7	2.6
	INDIVIDUAL	13	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	20	11	.9	4.0	.8	1.5	3.3	8.1	9.2	17.4	(Z)	2.3	2.2
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2329	MEN'S AND BOYS' CLOTHING, N.E.C.													
	TOTAL	537	366	41.9	210.4	37.1	66.9	161.1	393.8	404.5	783.2	10.1	130.3	150.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	147	130	20.2	102.1	17.7	32.4	75.1	211.9	260.2	459.2	5.0	87.1	100.6
	CORPORATE OWNERSHIP OR CONTROL	141	127	20.1	101.7	17.6	32.3	74.8	211.0	260.1	458.2	5.0	87.0	100.6
	NONCORPORATE OWNERSHIP	6	3	.1	.4	.1	.1	.3	.9	.1	1.0	(Z)	(Z)	(Z)
	SINGLE UNIT COMPANIES, TOTAL	390	236	21.7	108.3	19.4	34.5	85.9	181.9	144.4	324.0	5.1	43.2	49.8
	CORPORATE OWNERSHIP OR CONTROL	323	214	20.2	101.8	18.0	32.1	80.2	169.1	139.6	306.4	4.9	41.2	47.7
	NONCORPORATE OWNERSHIP	67	22	1.5	6.6	1.4	2.4	5.7	12.8	4.8	17.6	.2	2.1	2.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	464	341	40.3	203.5	35.6	64.4	155.0	380.1	399.7	764.6	9.9	128.2	148.3
	NONCORPORATE, TOTAL	73	25	1.6	6.9	1.5	2.5	6.1	13.7	4.9	18.6	.2	2.1	2.2
	INDIVIDUAL	38	14	.6	2.7	.6	1.0	2.3	4.7	2.2	6.9	.1	.7	.7
	PARTNERSHIP	21	11	.9	3.9	.8	1.4	3.4	8.4	2.4	10.9	.2	1.3	1.4
	OTHER AND UNKNOWN	14	-	.1	.4	.1	.1	.3	.6	.3	.9	(Z)	.1	.1
2331	WOMEN'S, MISSES' BLOUSES, WAISTS													
	TOTAL	971	703	63.0	328.1	54.8	98.6	234.6	592.4	668.3	1 254.9	30.0	119.1	129.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	183	157	25.2	141.4	21.1	38.9	90.2	260.1	335.8	594.1	19.3	77.0	79.9
	CORPORATE OWNERSHIP OR CONTROL	175	149	24.7	139.5	20.6	38.2	88.5	257.2	335.4	590.9	19.3	76.9	79.7
	NONCORPORATE OWNERSHIP	8	8	.5	1.9	.5	.7	1.7	2.8	.5	3.2	(Z)	.1	.2
	SINGLE UNIT COMPANIES, TOTAL	788	546	37.8	186.6	33.7	59.7	144.3	332.4	332.5	660.8	10.7	42.1	49.1
	CORPORATE OWNERSHIP OR CONTROL	588	435	32.0	163.6	28.2	50.5	124.0	295.7	325.9	617.9	10.2	40.8	47.6
	NONCORPORATE OWNERSHIP	200	111	5.7	23.1	5.5	9.2	20.3	36.7	6.6	42.8	.5	1.3	1.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	763	584	56.8	303.1	48.8	88.7	212.5	552.9	661.3	1 208.8	29.5	117.7	127.4
	NONCORPORATE, TOTAL	208	119	6.2	25.0	5.9	10.0	22.1	39.5	7.0	46.1	.6	1.4	1.6
	INDIVIDUAL	114	67	2.9	11.5	2.8	4.6	10.7	17.8	2.2	20.0	.3	.5	.5
	PARTNERSHIP	71	52	3.2	13.0	3.0	5.1	10.9	20.7	4.5	24.7	.2	.8	1.0
	OTHER AND UNKNOWN	23	-	.2	.6	.1	.2	.5	1.0	.3	1.3	(Z)	.1	.1
2335	WOMEN'S AND MISSES' DRESSES													
	TOTAL	5 565	2 978	211.6	1 076.9	186.5	316.1	825.5	1 888.7	1 698.2	3 580.0	32.6	316.2	319.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	462	421	55.2	297.0	46.3	82.1	212.1	575.4	591.6	1 166.9	13.6	146.4	143.0
	CORPORATE OWNERSHIP OR CONTROL	444	407	54.1	290.6	45.3	80.4	207.4	558.2	586.8	1 145.0	13.5	145.3	142.0
	NONCORPORATE OWNERSHIP	18	14	1.1	6.5	.9	1.7	4.8	17.2	4.8	22.0	.1	1.1	1.0
	SINGLE UNIT COMPANIES, TOTAL	5 103	2 557	156.4	779.9	140.3	234.0	613.4	1 313.3	1 106.6	2 413.1	19.0	169.8	176.5
	CORPORATE OWNERSHIP OR CONTROL	3 573	2 128	131.7	675.2	116.9	197.0	519.8	1 151.5	1 052.6	2 197.2	17.0	158.5	165.2
	NONCORPORATE OWNERSHIP	1 530	429	24.8	104.6	23.4	37.0	93.6	161.8	54.0	215.9	2.1	11.3	11.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	4 017	2 535	185.8	965.8	162.3	277.4	727.2	1 709.7	1 639.4	3 342.2	30.5	303.8	307.2
	NONCORPORATE, TOTAL	1 548	443	25.8	111.1	24.3	38.6	98.3	179.0	58.8	237.9	2.1	12.4	12.2
	INDIVIDUAL	745	283	14.9	62.7	13.9	21.8	56.0	99.0	20.8	119.9	1.2	5.9	5.6
	PARTNERSHIP	414	160	8.5	37.4	8.0	13.0	33.1	60.8	29.5	90.4	.7	4.8	4.8
	OTHER AND UNKNOWN	389	-	2.5	11.0	2.4	3.8	9.2	19.2	8.5	27.5	.2	1.6	1.9

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2337	WOMEN'S, MISSES' SUITS AND COATS													
	TOTAL	1 617	1 022	75.9	446.7	64.9	116.8	323.6	839.8	979.1	1 805.3	16.4	165.9	177.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	173	141	21.5	129.2	17.5	35.2	86.7	285.4	363.5	639.2	4.8	82.0	88.4
	CORPORATE OWNERSHIP OR CONTROL	169	137	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 444	881	54.4	317.5	47.4	81.5	236.8	554.4	615.6	1 166.2	11.6	83.9	89.3
	CORPORATE OWNERSHIP OR CONTROL	1 214	787	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	230	94	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 383	924	70.3	419.5	59.7	108.2	299.8	794.0	958.9	1 739.2	16.1	161.8	174.1
	NONCORPORATE, TOTAL	234	98	5.5	27.1	5.2	8.6	23.8	45.7	20.1	66.1	.3	4.1	3.6
	INDIVIDUAL	115	50	2.6	11.8	2.5	4.1	10.6	19.3	4.6	24.0	.2	1.3	1.0
	PARTNERSHIP	78	48	2.6	13.9	2.4	4.0	11.9	24.0	14.3	38.4	.1	2.5	2.3
	OTHER AND UNKNOWN	41	-	.3	1.5	.3	.4	1.2	2.5	1.2	3.7	(2)	.3	.3
2339	WOMEN'S, MISSES' OUTERWEAR, N.E.C.													
	TOTAL	1 373	897	82.1	417.9	71.5	128.0	310.4	781.0	882.1	1 638.0	19.3	191.6	221.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	269	239	36.0	184.5	30.8	55.4	132.3	374.0	454.7	808.9	11.9	115.8	137.4
	CORPORATE OWNERSHIP OR CONTROL	263	235	35.3	181.5	30.2	54.3	130.1	369.8	450.9	800.9	11.7	114.9	136.5
	NONCORPORATE OWNERSHIP	6	4	.7	3.0	.6	1.1	2.2	4.1	3.8	7.9	.2	.9	.9
	SINGLE UNIT COMPANIES, TOTAL	1 104	658	46.1	233.4	40.7	72.6	178.1	407.1	427.4	829.1	7.5	75.8	84.1
	CORPORATE OWNERSHIP OR CONTROL	849	571	40.7	210.5	35.9	64.3	158.2	367.1	397.8	759.8	6.6	69.9	77.5
	NONCORPORATE OWNERSHIP	255	87	5.4	22.9	4.8	8.2	19.8	40.0	29.6	69.3	.8	5.9	6.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 112	806	76.1	392.0	66.1	118.7	288.4	736.9	848.7	1 560.8	18.3	184.7	214.0
	NONCORPORATE, TOTAL	261	91	6.0	25.9	5.4	9.3	22.0	44.1	33.4	77.2	1.1	6.8	7.5
	INDIVIDUAL	141	58	3.6	14.9	3.4	5.9	13.3	22.8	9.3	32.0	.5	2.5	2.7
	PARTNERSHIP	65	33	2.2	9.8	1.8	3.0	7.7	17.7	17.8	35.1	.5	2.9	3.6
	OTHER AND UNKNOWN	55	-	.3	1.2	.2	.4	1.0	3.7	6.3	10.1	.1	1.4	1.2
2341	WOMEN'S AND CHILDREN'S UNDERWEAR													
	TOTAL	730	484	77.5	372.0	68.7	125.0	284.1	709.0	640.5	1 331.9	19.3	201.2	217.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	215	193	48.2	232.8	42.6	77.7	177.3	464.1	409.8	861.5	14.7	140.0	151.7
	CORPORATE OWNERSHIP OR CONTROL	212	191	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	515	291	29.3	139.2	26.2	47.4	106.8	244.9	230.7	470.4	4.6	61.2	66.2
	CORPORATE OWNERSHIP OR CONTROL	414	257	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	101	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	626	448	75.1	361.4	66.5	121.2	275.0	689.4	621.1	1 292.9	19.0	196.0	212.9
	NONCORPORATE, TOTAL	104	36	2.4	10.6	2.2	3.8	9.1	19.6	19.4	39.0	.4	5.3	5.0
	INDIVIDUAL	39	12	.7	2.8	.6	1.1	2.4	5.1	4.1	9.2	.1	1.2	1.2
	PARTNERSHIP	44	24	1.6	7.1	1.5	2.5	6.2	13.3	14.2	27.5	.3	3.7	3.5
	OTHER AND UNKNOWN	21	-	.1	.7	.1	.2	.5	1.2	1.1	2.4	(2)	.3	.3
2342	BRASSIERES AND ALLIED GARMENTS													
	TOTAL	272	193	28.0	152.8	23.2	41.9	104.4	340.0	306.9	647.0	4.6	118.5	123.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	98	91	19.4	107.8	15.7	28.9	71.7	257.8	238.1	496.4	3.5	97.3	101.3
	CORPORATE OWNERSHIP OR CONTROL	97	91	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	174	102	8.6	45.0	7.5	13.0	32.8	82.2	68.8	150.6	1.2	21.3	21.8
	CORPORATE OWNERSHIP OR CONTROL	148	98	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	26	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	245	189	27.6	151.4	22.9	41.4	103.2	337.1	305.0	642.3	4.6	118.1	122.6
	NONCORPORATE, TOTAL	27	4	.3	1.4	.3	.5	1.2	2.9	1.9	4.7	(2)	.4	.5
	INDIVIDUAL	11	1	.1	.4	.1	.1	.3	.8	.6	1.4	(D)	.2	.2
	PARTNERSHIP	10	3	.2	.9	.2	.3	.8	1.9	1.1	3.0	(2)	.2	.3
	OTHER AND UNKNOWN	6	-	(2)	.2	(2)	(2)	.1	.2	.2	.4	(2)	(2)	(2)
2351	MILLINERY													
	TOTAL	216	52	3.2	17.0	2.7	4.4	12.9	33.2	25.0	58.1	.3	3.6	3.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	4	3	.2	1.1	.1	.2	.7	1.9	1.5	3.5	(D)	.3	.3
	CORPORATE OWNERSHIP OR CONTROL	4	3	.2	1.1	.1	.2	.7	1.9	1.5	3.5	(D)	.3	.3
	SINGLE UNIT COMPANIES, TOTAL	212	49	3.0	15.9	2.6	4.1	12.2	31.3	23.5	54.6	(D)	3.3	3.5
	CORPORATE OWNERSHIP OR CONTROL	159	44	2.7	14.1	2.3	3.6	10.6	27.0	21.2	48.1	(D)	3.0	3.2
	NONCORPORATE OWNERSHIP	53	5	.3	1.8	.3	.5	1.5	4.3	2.3	6.6	(D)	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	163	47	2.8	15.1	2.4	3.9	11.3	28.9	22.7	51.5	.3	3.3	3.5
	NONCORPORATE, TOTAL	53	5	.3	1.8	.3	.5	1.5	4.3	2.3	6.6	(2)	.3	.3
	INDIVIDUAL	21	2	.1	.6	.1	.1	.5	1.2	.6	1.8	-	(2)	(2)
	PARTNERSHIP	15	3	.2	.9	.2	.3	.7	2.0	1.0	3.0	(2)	.1	.2
	OTHER AND UNKNOWN	17	-	.1	.4	.1	.1	.3	1.1	.7	1.8	-	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages	(million dollars)	(million dollars)	(million dollars)	(million dollars)	1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2352	HATS AND CAPS, EXCEPT MILLINERY													
	TOTAL	280	122	11.3	55.6	10.0	18.4	42.8	100.2	74.7	171.0	1.9	24.5	30.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	48	42	5.5	27.0	4.8	9.2	20.6	52.4	39.4	88.1	.5	11.6	16.8
	CORPORATE OWNERSHIP OR CONTROL	47	42	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	232	80	5.8	28.7	5.2	9.3	22.2	47.8	35.4	82.9	1.4	12.9	13.3
	CORPORATE OWNERSHIP OR CONTROL	153	72	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	79	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	200	114	10.7	52.8	9.4	17.6	40.4	94.8	70.6	161.5	1.7	23.4	28.9
	NONCORPORATE, TOTAL	80	8	.6	2.9	.6	.9	2.3	5.4	4.2	9.6	.2	1.1	1.2
	INDIVIDUAL	45	4	.2	1.0	.2	.4	.8	1.9	1.6	3.6	.1	.5	.5
	PARTNERSHIP	14	4	.3	1.4	.3	.4	1.2	2.5	1.7	4.2	.1	.4	.4
	OTHER AND UNKNOWN	21	—	.1	.5	.1	.2	.3	1.0	.9	1.8	(2)	.3	.3
2361	CHILDREN'S DRESSES AND BLOUSES													
	TOTAL	490	353	35.4	174.4	31.0	52.9	129.8	335.8	321.4	655.2	12.9	74.1	76.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	102	91	15.5	78.8	13.4	22.8	57.8	163.3	149.3	310.4	3.8	41.0	42.7
	CORPORATE OWNERSHIP OR CONTROL	101	90	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	388	262	19.9	95.6	17.6	30.2	71.9	172.6	172.1	344.8	9.1	33.1	33.6
	CORPORATE OWNERSHIP OR CONTROL	301	221	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	87	41	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	402	311	33.4	165.7	29.1	49.6	122.2	322.0	313.2	633.2	12.8	72.1	74.3
	NONCORPORATE, TOTAL	88	42	2.1	8.7	1.9	3.3	7.5	13.8	8.2	22.0	.2	2.0	2.0
	INDIVIDUAL	44	26	1.3	4.8	1.2	2.1	4.4	7.0	.9	7.8	.1	.3	.3
	PARTNERSHIP	31	16	.7	3.6	.6	1.1	2.9	6.3	6.7	13.1	(2)	1.5	1.5
	OTHER AND UNKNOWN	13	—	.1	.3	.1	.1	.2	.6	.6	1.1	(2)	.2	.2
2363	CHILDREN'S COATS AND SUITS													
	TOTAL	165	105	9.2	48.5	8.1	14.5	36.3	90.4	99.8	188.5	.8	17.4	19.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	28	18	2.8	15.9	2.4	4.6	11.2	30.5	37.7	67.5	.3	8.5	8.9
	CORPORATE OWNERSHIP OR CONTROL	27	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	137	87	6.4	32.6	5.7	9.8	25.2	59.9	62.1	120.9	.5	8.9	10.3
	CORPORATE OWNERSHIP OR CONTROL	110	71	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	27	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	137	88	8.2	43.9	7.2	12.9	32.2	83.5	95.6	177.3	.7	16.4	18.2
	NONCORPORATE, TOTAL	28	17	1.0	4.7	.9	1.6	4.1	6.9	4.3	11.2	(2)	1.0	1.1
	INDIVIDUAL	15	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	11	10	.7	3.1	.7	1.1	2.8	3.9	1.8	5.7	(2)	.5	.6
	OTHER AND UNKNOWN	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2369	CHILDREN'S OUTERWEAR, N.E.C.													
	TOTAL	406	265	30.1	144.6	26.8	49.4	112.0	282.9	296.4	578.2	6.1	80.4	79.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	80	70	14.8	70.8	13.0	24.2	55.0	142.5	149.4	291.6	3.6	46.9	43.9
	CORPORATE OWNERSHIP OR CONTROL	71	62	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	9	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	326	195	15.4	73.8	13.7	25.2	57.0	140.4	146.9	286.6	2.5	33.5	35.7
	CORPORATE OWNERSHIP OR CONTROL	273	180	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	53	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	344	242	27.5	131.1	24.3	45.0	101.2	257.7	272.9	529.8	5.8	70.7	71.0
	NONCORPORATE, TOTAL	62	23	2.7	13.5	2.4	4.4	10.9	25.2	23.5	48.4	.3	9.7	8.6
	INDIVIDUAL	35	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	21	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	6	—	(2)	.1	(2)	.1	.1	.3	.2	.4	(2)	.1	.1
2371	FUR GOODS													
	TOTAL	797	48	4.7	41.2	4.0	6.7	31.1	86.2	135.5	220.0	1.1	26.4	27.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	7	4	.2	1.6	.1	.2	1.1	2.9	3.8	6.5	(2)	1.4	1.5
	CORPORATE OWNERSHIP OR CONTROL	7	4	.2	1.6	.1	.2	1.1	2.9	3.8	6.5	(2)	1.4	1.5
	SINGLE UNIT COMPANIES, TOTAL	790	44	4.6	39.6	3.9	6.5	30.0	83.3	131.7	213.5	1.1	25.1	26.0
	CORPORATE OWNERSHIP OR CONTROL	558	42	4.2	36.4	3.5	5.9	27.4	75.2	117.3	190.9	.9	22.5	23.5
	NONCORPORATE OWNERSHIP	232	2	.4	3.2	.4	.6	2.6	8.0	14.4	22.6	.1	2.6	2.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	565	46	4.3	38.0	3.6	6.1	28.5	78.2	121.1	197.4	1.0	23.9	25.1
	NONCORPORATE, TOTAL	232	2	.4	3.2	.4	.6	2.6	8.0	14.4	22.6	.1	2.6	2.4
	INDIVIDUAL	125	1	.2	1.2	.2	.2	1.0	2.7	4.2	6.9	(2)	.8	.8
	PARTNERSHIP	66	1	.2	1.5	.1	.2	1.2	4.0	7.5	11.5	.1	1.2	1.1
	OTHER AND UNKNOWN	41	—	.1	.6	.1	.1	.4	1.4	2.7	4.1	(2)	.6	.5

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2381	FABRIC DRESS AND WORK GLOVES													
	TOTAL	137	94	11.9	56.3	10.9	20.2	47.4	100.3	99.6	198.8	1.9	26.3	30.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	51	45	7.3	32.4	6.6	12.3	26.7	66.6	53.8	118.6	1.0	15.9	20.2
	CORPORATE OWNERSHIP OR CONTROL	51	45	7.3	32.4	6.6	12.3	26.7	66.6	53.8	118.6	1.0	15.9	20.2
	SINGLE UNIT COMPANIES, TOTAL	86	49	4.7	23.9	4.3	7.9	20.7	33.7	45.8	80.2	.9	10.4	10.2
	CORPORATE OWNERSHIP OR CONTROL	66	43	4.3	22.6	4.0	7.3	19.5	31.7	43.6	76.0	.9	9.9	9.7
	NONCORPORATE OWNERSHIP	20	6	.4	1.4	.4	.6	1.2	2.0	2.2	4.2	(Z)	.5	.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	117	88	11.6	54.9	10.6	19.6	46.2	98.3	97.4	194.6	1.9	25.8	29.9
	NONCORPORATE, TOTAL	20	6	.4	1.4	.4	.6	1.2	2.0	2.2	4.2	(Z)	.5	.6
	INDIVIDUAL	20	5	.3	1.0	.3	.5	.9	1.5	1.6	3.1	(Z)	.4	.4
	PARTNERSHIP	3	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	7	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2384	ROBES AND DRESSING GOWNS													
	TOTAL	179	110	10.0	50.0	8.5	15.3	36.2	92.5	111.5	202.8	2.0	28.6	28.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	26	24	4.1	19.8	3.4	6.2	15.0	34.8	50.8	84.0	.8	13.9	14.8
	CORPORATE OWNERSHIP OR CONTROL	26	24	4.1	19.8	3.4	6.2	15.0	34.8	50.8	84.0	.8	13.9	14.8
	SINGLE UNIT COMPANIES, TOTAL	153	86	5.8	30.1	5.0	9.2	21.2	57.6	60.8	118.8	1.3	14.6	14.0
	CORPORATE OWNERSHIP OR CONTROL	121	76	5.2	27.3	4.5	8.2	18.8	51.1	57.9	109.5	1.1	13.6	13.0
	NONCORPORATE OWNERSHIP	32	10	.6	2.8	.6	1.0	2.4	6.5	2.9	9.4	.2	1.0	1.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	147	100	9.4	47.1	7.9	14.3	33.8	85.9	108.6	193.4	1.9	27.6	27.8
	NONCORPORATE, TOTAL	32	10	.6	2.8	.6	1.0	2.4	6.5	2.9	9.4	.2	1.0	1.0
	INDIVIDUAL	14	4	.2	.7	.2	.3	.6	1.1	.4	1.5	(Z)	.1	.1
	PARTNERSHIP	10	6	.4	1.8	.3	.6	1.6	4.9	2.2	7.0	.2	.8	.8
	OTHER AND UNKNOWN	8	-	.1	.3	.1	.1	.2	.5	.3	.8	(Z)	.1	.1
2385	WATERPROOF OUTERGARMENTS													
	TOTAL	258	165	15.4	86.4	13.2	23.5	62.6	168.8	164.6	332.1	2.4	45.9	47.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	54	39	6.8	39.1	5.7	10.4	27.6	79.8	82.9	163.5	.9	29.8	28.4
	CORPORATE OWNERSHIP OR CONTROL	54	39	6.8	39.1	5.7	10.4	27.6	79.8	82.9	163.5	.9	29.8	28.4
	SINGLE UNIT COMPANIES, TOTAL	204	126	8.6	47.2	7.5	13.1	35.1	89.0	81.7	168.6	1.5	16.1	18.7
	CORPORATE OWNERSHIP OR CONTROL	180	118	8.2	45.2	7.1	12.5	33.3	86.0	81.0	164.9	1.5	15.8	18.4
	NONCORPORATE OWNERSHIP	24	6	.4	2.0	.4	.6	1.8	3.0	.7	3.7	(Z)	.2	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	234	157	15.0	84.4	12.8	22.8	60.9	165.7	163.9	328.4	2.4	45.7	46.8
	NONCORPORATE, TOTAL	24	6	.4	2.0	.4	.6	1.8	3.0	.7	3.7	(Z)	.2	.3
	INDIVIDUAL	11	5	.2	.9	.2	.3	.8	1.5	.5	2.0	(Z)	.1	.2
	PARTNERSHIP	6	3	.1	.8	.1	.2	.7	1.0	.1	1.1	(Z)	.2	.3
	OTHER AND UNKNOWN	7	-	.1	.3	.1	.1	.3	.5	.1	.6	(Z)	.1	.1
2386	LEATHER AND SHEEP LINED CLOTHING													
	TOTAL	187	91	7.0	40.8	6.3	11.6	30.7	82.1	93.0	172.1	2.5	16.7	20.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	13	11	1.3	8.2	1.2	2.2	5.9	18.8	20.2	36.6	.9	5.3	7.7
	CORPORATE OWNERSHIP OR CONTROL	13	11	1.3	8.2	1.2	2.2	5.9	18.8	20.2	36.6	.9	5.3	7.7
	SINGLE UNIT COMPANIES, TOTAL	174	80	5.7	32.6	5.1	9.3	24.8	63.3	72.8	135.4	1.6	11.4	13.0
	CORPORATE OWNERSHIP OR CONTROL	132	76	5.4	30.7	4.8	8.7	23.1	59.5	69.1	127.9	1.5	10.9	12.4
	NONCORPORATE OWNERSHIP	42	4	.3	1.9	.3	.6	1.7	3.8	3.7	7.5	(Z)	.6	.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	145	87	6.7	38.9	5.9	10.9	29.0	78.3	89.3	164.5	2.5	16.1	20.1
	NONCORPORATE, TOTAL	42	4	.3	1.9	.3	.6	1.7	3.8	3.7	7.5	(Z)	.6	.7
	INDIVIDUAL	20	2	.2	.8	.2	.3	.7	1.8	1.4	3.2	(Z)	.3	.3
	PARTNERSHIP	11	2	.1	1.0	.1	.3	.9	1.8	2.0	3.9	(Z)	.2	.3
	OTHER AND UNKNOWN	11	-	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	(Z)	.1	.1
2387	APPAREL BELTS													
	TOTAL	297	132	10.3	65.9	8.7	16.2	41.0	132.5	128.6	257.5	3.2	29.1	33.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	23	19	2.5	18.0	2.0	3.8	9.4	46.1	48.8	91.6	1.4	16.5	20.1
	CORPORATE OWNERSHIP OR CONTROL	23	19	2.5	18.0	2.0	3.8	9.4	46.1	48.8	91.6	1.4	16.5	20.1
	SINGLE UNIT COMPANIES, TOTAL	274	113	7.8	47.9	6.7	12.4	31.6	86.4	79.9	165.9	1.8	12.6	13.7
	CORPORATE OWNERSHIP OR CONTROL	217	108	7.3	45.8	6.3	11.7	30.0	81.6	75.9	157.1	1.7	12.1	13.2
	NONCORPORATE OWNERSHIP	57	5	.5	2.2	.4	.7	1.7	4.8	4.0	8.8	(Z)	.5	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	240	127	9.8	63.8	8.3	15.5	39.4	127.7	124.6	248.6	3.2	28.6	33.3
	NONCORPORATE, TOTAL	57	5	.5	2.2	.4	.7	1.7	4.8	4.0	8.8	(Z)	.5	.5
	INDIVIDUAL	27	2	.2	.8	.2	.3	.6	2.1	1.1	3.2	(Z)	.2	.2
	PARTNERSHIP	14	3	.2	1.0	.2	.2	.8	2.0	2.2	4.2	(Z)	.1	.1
	OTHER AND UNKNOWN	16	-	.1	.4	.1	.1	.3	.7	.6	1.5	(Z)	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2389	APPAREL AND ACCESSORIES, N.E.C.													
	TOTAL	244	87	7.3	35.3	6.2	10.9	24.5	59.7	58.0	116.8	2.8	22.0	22.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	36	31	3.4	16.7	3.0	5.3	11.8	28.1	31.0	58.0	1.7	11.9	12.4
	CORPORATE OWNERSHIP OR CONTROL . .	35	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	208	56	3.8	18.6	3.2	5.6	12.7	31.6	27.0	58.8	1.1	10.1	10.1
	CORPORATE OWNERSHIP OR CONTROL . .	134	44	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	74	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	169	75	6.6	32.6	5.6	9.9	22.5	55.8	54.8	109.6	2.8	20.5	21.0
	NONCORPORATE, TOTAL	75	12	.7	2.7	.6	1.0	2.0	3.9	3.3	7.2	.1	1.4	1.5
	INDIVIDUAL	40	6	.3	1.3	.3	.4	.9	2.1	1.4	3.5	(Z)	.9	.9
	PARTNERSHIP	15	6	.3	1.2	.2	.4	.9	1.4	1.5	2.8	(Z)	.4	.4
	OTHER AND UNKNOWN	20	-	.1	.3	.1	.1	.2	.4	.3	.8	(Z)	.2	.2
239	CURTAINS AND DRAPERIES													
	TOTAL	1 592	351	33.9	167.1	29.5	54.9	124.7	302.3	461.3	754.9	9.5	87.8	101.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	117	103	14.9	72.5	13.0	24.5	56.1	154.8	274.4	419.7	3.5	49.0	61.8
	CORPORATE OWNERSHIP OR CONTROL . .	113	102	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 475	248	19.0	94.6	16.6	30.4	68.6	147.6	186.9	335.2	6.0	38.8	39.3
	CORPORATE OWNERSHIP OR CONTROL . .	560	209	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	915	39	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	673	311	28.9	145.2	25.0	46.8	107.2	268.1	416.0	675.3	8.1	78.3	91.5
	NONCORPORATE, TOTAL	919	40	4.9	21.9	4.6	8.2	17.5	34.3	45.3	79.5	1.4	9.5	9.6
	INDIVIDUAL	517	24	2.5	10.9	2.4	4.2	8.9	17.3	22.1	39.4	.7	4.5	4.5
	PARTNERSHIP	149	16	1.6	7.4	1.4	2.6	5.7	11.5	15.4	26.9	.4	3.4	3.4
	OTHER AND UNKNOWN	253	-	.8	3.6	.8	1.4	2.9	5.4	7.8	13.3	.2	1.7	1.7
2392	HOUSEFURNISHINGS, N.E.C.													
	TOTAL	1 112	414	50.3	281.9	42.2	82.5	194.0	585.2	961.0	1 526.9	29.9	226.0	250.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	159	126	27.0	154.5	22.5	44.6	109.3	326.2	614.3	927.1	18.4	147.7	164.5
	CORPORATE OWNERSHIP OR CONTROL . .	156	123	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	953	288	23.3	127.4	19.7	37.9	84.7	258.9	346.7	599.8	11.5	78.3	85.6
	CORPORATE OWNERSHIP OR CONTROL . .	613	272	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	340	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	769	395	48.0	271.5	40.1	78.8	186.1	558.7	923.8	1 463.6	28.4	216.2	239.9
	NONCORPORATE, TOTAL	343	19	2.3	10.4	2.0	3.7	7.8	26.5	37.2	63.3	1.5	9.8	10.2
	INDIVIDUAL	182	9	1.1	4.8	1.0	1.8	3.6	9.7	13.2	23.0	.3	3.8	3.7
	PARTNERSHIP	67	10	.9	4.1	.8	1.4	3.1	13.9	19.8	33.2	1.1	5.0	5.4
	OTHER AND UNKNOWN	94	-	.3	1.5	.3	.5	1.1	2.9	4.2	7.1	.1	1.1	1.1
2393	TEXTILE BAGS													
	TOTAL	208	94	7.9	44.0	6.7	12.7	31.4	74.5	182.2	255.1	5.5	35.0	38.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	59	51	5.1	28.9	4.3	8.1	20.7	48.8	113.0	161.1	3.3	21.7	22.7
	CORPORATE OWNERSHIP OR CONTROL . .	57	49	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	149	43	2.8	15.1	2.4	4.6	10.7	25.7	69.2	94.0	2.2	13.3	15.9
	CORPORATE OWNERSHIP OR CONTROL . .	105	42	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	44	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	162	91	7.5	41.9	6.4	12.0	29.8	71.0	166.4	235.9	5.3	33.2	36.6
	NONCORPORATE, TOTAL	46	3	.4	2.1	.4	.7	1.6	3.6	15.7	19.1	.1	1.8	2.0
	INDIVIDUAL	25	-	.1	.7	.1	.2	.6	1.2	3.3	4.5	.1	.7	.7
	PARTNERSHIP	6	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	14	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2394	CANVAS AND RELATED PRODUCTS													
	TOTAL	860	146	12.9	75.9	10.3	19.3	49.2	130.3	151.1	276.4	4.0	57.2	68.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	47	27	3.7	22.5	2.8	5.8	14.2	41.4	56.6	94.2	1.4	27.4	36.3
	CORPORATE OWNERSHIP OR CONTROL . .	45	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	813	119	9.2	53.4	7.5	13.5	35.0	88.9	94.4	182.2	2.6	29.8	32.6
	CORPORATE OWNERSHIP OR CONTROL . .	428	111	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	385	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	473	136	11.2	66.8	8.8	16.7	42.8	113.4	132.4	241.0	3.5	51.3	62.6
	NONCORPORATE, TOTAL	387	10	1.8	9.1	1.5	2.6	6.5	16.9	18.7	35.3	.4	5.9	6.2
	INDIVIDUAL	206	7	.9	5.1	.8	1.4	3.7	9.1	10.1	18.9	.2	2.9	3.3
	PARTNERSHIP	69	3	.4	2.1	.4	.7	1.5	4.2	4.4	8.6	.1	1.5	1.5
	OTHER AND UNKNOWN	112	-	.4	1.9	.3	.6	1.3	3.6	4.2	7.8	.1	1.5	1.5

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2395	PLEATING AND STITCHING													
	TOTAL	898	205	16.7	89.2	14.7	26.3	65.3	174.7	142.2	308.2	3.2	31.1	40.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	31	29	4.6	29.7	3.7	6.6	19.2	67.0	66.8	126.9	.9	19.3	26.4
	CORPORATE OWNERSHIP OR CONTROL . .	31	29	4.6	29.7	3.7	6.6	19.2	67.0	66.8	126.9	.9	19.3	26.4
	SINGLE UNIT COMPANIES, TOTAL	867	176	12.1	59.5	11.0	19.7	46.1	107.7	75.4	181.3	2.2	11.8	14.1
	CORPORATE OWNERSHIP OR CONTROL . .	496	160	10.1	51.5	9.0	16.4	39.2	92.0	66.0	156.1	2.1	10.5	12.8
	NONCORPORATE OWNERSHIP	371	16	2.0	8.0	1.9	3.3	6.9	15.7	9.4	25.2	.2	1.3	1.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	527	189	14.7	81.2	12.8	23.0	58.4	158.9	132.7	283.0	3.0	29.8	39.3
	NONCORPORATE, TOTAL	371	16	2.0	8.0	1.9	3.3	6.9	15.7	9.4	25.2	.2	1.3	1.3
	INDIVIDUAL	198	10	1.1	4.4	1.1	1.8	3.8	8.1	4.2	12.3	.1	.7	.7
	PARTNERSHIP	76	0	.5	2.0	.5	.8	1.7	4.6	3.7	8.3	.1	.3	.3
	OTHER AND UNKNOWN	97	-	.4	1.6	.4	.7	1.3	3.0	1.6	4.6	(2)	.3	.3
2396	AUTOMOTIVE AND APPAREL TRIMMINGS													
	TOTAL	668	203	27.6	266.6	23.2	45.3	201.8	530.8	614.1	1 133.0	10.4	88.0	103.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	70	56	17.9	203.0	14.9	30.7	157.1	422.9	505.3	917.0	7.6	69.6	83.7
	CORPORATE OWNERSHIP OR CONTROL . .	69	55	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	598	147	9.7	63.6	8.3	14.6	44.7	107.8	108.8	216.0	2.8	18.4	19.5
	CORPORATE OWNERSHIP OR CONTROL . .	439	138	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	159	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	508	193	26.6	259.9	22.3	43.5	196.4	516.6	603.2	1 108.0	10.2	86.3	101.4
	NONCORPORATE, TOTAL	160	10	1.0	6.8	.9	1.8	5.3	14.2	10.9	25.0	.2	1.7	1.8
	INDIVIDUAL	67	2	.3	1.8	.3	.5	1.4	4.0	4.0	8.0	.1	.7	.7
	PARTNERSHIP	41	0	.6	4.2	.5	1.1	3.4	8.5	5.5	14.0	.1	.8	.8
	OTHER AND UNKNOWN	52	-	.1	.8	.1	.2	.5	1.7	1.4	3.1	(2)	.2	.2
2397	SCHIFFLI MACHINE EMBROIDERIES													
	TOTAL	451	56	5.5	38.9	4.9	10.1	29.4	75.0	46.0	120.5	2.2	5.4	6.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	19	13	1.2	8.6	1.1	2.1	6.9	15.0	9.6	24.3	.2	1.8	2.2
	CORPORATE OWNERSHIP OR CONTROL . .	19	13	1.2	8.6	1.1	2.1	6.9	15.0	9.6	24.3	.2	1.8	2.2
	SINGLE UNIT COMPANIES, TOTAL	432	43	4.3	30.4	3.8	8.0	22.6	60.1	36.4	96.2	2.0	3.6	4.2
	CORPORATE OWNERSHIP OR CONTROL . .	242	37	3.5	25.1	3.0	6.4	18.0	46.4	29.7	75.9	1.4	2.7	3.3
	NONCORPORATE OWNERSHIP	190	6	.8	5.3	.8	1.6	4.6	13.7	6.7	20.3	.6	.9	.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	261	50	4.7	33.7	4.1	8.5	24.8	61.4	39.2	100.2	1.6	4.5	5.5
	NONCORPORATE, TOTAL	190	6	.8	5.3	.8	1.6	4.6	13.7	6.7	20.3	.6	.9	.9
	INDIVIDUAL	92	2	.3	2.1	.3	.7	1.9	5.3	2.5	7.7	.1	.4	.4
	PARTNERSHIP	69	4	.3	2.5	.3	.7	2.2	7.0	3.6	10.6	.5	.4	.4
	OTHER AND UNKNOWN	29	-	.1	.6	.1	.2	.6	1.4	.6	2.0	(2)	.1	.1
2399	FABRICATED TEXTILE PRODUCTS, N.E.C.													
	TOTAL	822	286	31.4	175.3	27.1	50.1	129.8	315.5	408.0	724.7	25.9	99.8	105.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	102	89	15.8	92.4	13.5	26.3	69.1	172.7	249.5	423.4	14.6	66.0	68.0
	CORPORATE OWNERSHIP OR CONTROL . .	99	89	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	720	197	15.6	82.9	13.6	23.8	60.7	142.7	158.5	301.3	11.3	33.8	37.7
	CORPORATE OWNERSHIP OR CONTROL . .	447	173	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	273	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	546	262	29.6	167.0	25.5	47.3	123.3	300.6	390.3	692.2	24.6	96.0	101.8
	NONCORPORATE, TOTAL	276	24	1.8	8.2	1.6	2.8	6.5	14.9	17.7	32.5	1.3	3.8	3.9
	INDIVIDUAL	155	17	1.1	4.9	1.0	1.7	3.8	8.7	10.3	19.0	.8	2.1	2.2
	PARTNERSHIP	54	7	.4	2.0	.4	.6	1.6	3.6	4.0	7.5	.2	.9	.9
	OTHER AND UNKNOWN	67	-	.3	1.3	.2	.4	1.1	2.6	3.4	5.9	.3	.7	.7
24	LUMBER AND WOOD PRODUCTS													
	TOTAL	33 949	6 868	691.0	4 985.6	601.1	1 167.8	3 934.9	10 310.2	13 605.7	23 829.7	931.2	2 459.7	2 601.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	3 140	2 484	339.3	2 690.4	291.5	593.1	2 140.3	5 802.8	8 249.3	14 002.0	530.0	1 459.1	1 528.8
	CORPORATE OWNERSHIP OR CONTROL . .	3 052	2 450	336.2	2 680.5	288.7	587.5	2 124.7	5 765.9	8 205.6	13 921.5	528.1	1 451.2	1 522.3
	NONCORPORATE OWNERSHIP	88	34	3.1	18.8	2.8	5.6	15.6	36.9	43.8	80.5	1.9	7.9	6.5
	SINGLE UNIT COMPANIES, TOTAL	30 809	4 384	351.7	2 286.3	309.7	574.7	1 794.6	4 507.4	5 356.4	9 827.7	401.3	1 000.5	1 072.4
	CORPORATE OWNERSHIP OR CONTROL . .	9 593	3 648	257.8	1 769.0	221.1	421.5	1 351.1	3 367.3	4 107.7	7 437.8	279.5	739.4	811.9
	NONCORPORATE OWNERSHIP	21 216	736	94.0	517.3	88.6	153.2	443.5	1 140.1	1 248.6	2 389.9	121.7	261.1	260.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	12 645	6 098	594.0	4 449.5	509.8	1 009.0	3 475.8	9 133.2	12 313.3	21 359.3	807.6	2 190.6	2 334.2
	NONCORPORATE, TOTAL	21 304	770	97.1	536.1	91.4	158.8	459.1	1 177.0	1 292.4	2 470.4	123.6	269.1	267.0
	INDIVIDUAL	9 599	457	47.2	253.4	44.2	75.6	218.1	561.2	591.6	1 151.8	63.5	113.6	114.5
	PARTNERSHIP	3 465	313	28.7	168.4	26.6	48.3	143.4	390.1	450.9	843.3	35.1	101.3	98.4
	OTHER AND UNKNOWN	8 240	-	21.2	114.3	20.5	34.9	97.5	225.7	249.8	475.3	25.0	54.2	54.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2411	LOGGING CAMPS AND LOG CONTRACTORS													
	TOTAL	13 238	696	80.0	523.9	74.5	129.6	456.1	1 163.4	1 368.7	2 529.5	157.0	192.9	195.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	187	112	15.0	145.0	12.6	24.8	117.5	344.2	650.0	992.1	45.5	86.6	89.1
	CORPORATE OWNERSHIP OR CONTROL	170	108	14.7	142.6	12.3	24.3	115.7	340.3	648.1	986.3	45.1	86.3	88.9
	NONCORPORATE OWNERSHIP	17	4	.3	2.4	.3	.5	1.8	3.9	1.9	5.8	.4	.3	.2
	SINGLE UNIT COMPANIES, TOTAL	13 051	584	65.0	378.9	62.0	104.8	338.6	819.2	718.7	1 537.4	111.5	106.3	106.7
	CORPORATE OWNERSHIP OR CONTROL	1 352	337	21.5	156.9	19.9	35.1	139.8	315.2	248.6	562.9	42.0	29.0	29.8
	NONCORPORATE OWNERSHIP	11 699	247	43.5	222.0	42.1	69.7	198.8	503.9	470.1	974.5	69.5	77.3	76.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 522	445	36.2	299.5	32.2	59.4	255.4	655.6	896.7	1 549.2	87.2	115.3	118.7
	NONCORPORATE, TOTAL	11 716	251	43.8	224.4	42.4	70.2	200.7	507.9	472.0	980.3	69.9	77.6	77.1
	INDIVIDUAL	5 201	175	23.4	120.3	22.4	37.2	108.0	274.4	257.6	532.2	39.6	40.8	40.3
	PARTNERSHIP	1 323	76	7.9	44.2	7.6	12.8	39.3	108.9	89.3	198.5	13.9	15.0	15.0
	OTHER AND UNKNOWN	5 192	-	12.6	59.9	12.4	20.2	53.4	124.6	129.1	249.6	16.4	21.8	21.8
2421	SAWMILLS AND PLANING MILLS, GENERAL													
	TOTAL	8 072	1 718	166.6	1 274.4	149.5	302.2	1 070.0	2 906.8	3 581.3	6 484.5	377.1	741.2	752.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	718	556	82.3	717.9	73.6	155.9	610.8	1 702.0	1 993.0	3 688.9	184.4	415.2	419.6
	CORPORATE OWNERSHIP OR CONTROL	690	546	81.7	714.7	73.0	154.8	607.8	1 694.0	1 983.5	3 671.5	183.9	413.3	416.2
	NONCORPORATE OWNERSHIP	28	10	.7	3.3	.6	1.1	3.0	8.0	9.5	17.4	.5	1.9	1.6
	SINGLE UNIT COMPANIES, TOTAL	7 353	1 161	84.3	554.3	75.9	146.0	457.2	1 204.0	1 575.4	2 781.9	122.4	325.9	332.3
	CORPORATE OWNERSHIP OR CONTROL	2 015	899	58.8	399.0	52.1	102.9	323.0	857.8	1 118.9	1 977.3	90.2	217.2	225.6
	NONCORPORATE OWNERSHIP	5 338	262	25.5	155.3	23.8	43.1	134.1	346.2	456.5	804.7	32.2	108.7	106.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	2 705	1 445	140.4	1 113.6	125.1	257.7	930.9	2 551.8	3 102.4	5 648.8	274.1	630.5	643.8
	NONCORPORATE, TOTAL	5 366	272	26.2	158.6	24.4	44.2	137.1	354.1	466.0	822.0	32.8	110.8	106.3
	INDIVIDUAL	2 278	147	11.7	65.8	10.8	19.0	56.8	137.5	181.0	314.4	13.9	39.6	37.7
	PARTNERSHIP	1 200	125	10.0	62.9	9.3	17.3	54.7	166.4	210.3	378.9	13.8	50.6	48.1
	OTHER AND UNKNOWN	1 888	-	4.5	30.0	4.3	7.9	25.6	54.2	74.6	128.7	5.1	20.6	20.5
2426	HARDWOOD DIMENSION AND FLOORING													
	TOTAL	933	364	31.5	173.9	28.2	55.9	141.7	272.1	304.4	579.0	16.8	79.7	81.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	152	115	12.8	72.6	11.5	23.6	60.4	111.0	132.2	245.8	6.8	39.5	39.1
	CORPORATE OWNERSHIP OR CONTROL	146	111	12.5	70.9	11.2	23.0	58.9	108.5	127.5	238.6	(0)	38.2	37.9
	NONCORPORATE OWNERSHIP	6	4	.3	1.6	.3	.6	1.5	2.5	4.7	7.2	(0)	1.4	1.2
	SINGLE UNIT COMPANIES, TOTAL	781	249	18.7	101.4	16.7	32.3	81.3	161.1	172.2	333.2	10.0	40.1	42.6
	CORPORATE OWNERSHIP OR CONTROL	469	216	15.9	87.6	14.1	27.6	70.2	136.4	147.2	280.9	(0)	34.8	37.3
	NONCORPORATE OWNERSHIP	312	33	2.8	13.8	2.6	4.7	11.1	24.7	27.5	52.4	(0)	5.3	5.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	615	327	28.4	158.5	25.4	50.6	129.1	244.9	272.2	519.5	15.1	73.0	75.2
	NONCORPORATE, TOTAL	318	37	3.1	15.5	2.8	5.3	12.6	27.2	32.2	59.5	1.7	6.7	6.4
	INDIVIDUAL	144	17	1.3	5.9	1.2	2.0	5.1	10.5	11.7	22.4	.6	2.4	2.2
	PARTNERSHIP	92	20	1.6	8.1	1.4	2.9	6.4	14.5	17.5	32.0	1.0	3.6	3.6
	OTHER AND UNKNOWN	82	-	.3	1.4	.3	.4	1.1	2.2	3.0	5.2	.1	.7	.7
2429	SPECIAL PRODUCT SAWMILLS, N.E.C.													
	TOTAL	447	86	6.4	40.0	5.8	9.7	33.7	80.4	98.2	180.8	5.7	23.5	20.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	76	31	2.2	16.2	2.0	3.7	13.7	31.2	49.8	83.6	2.2	14.2	10.7
	CORPORATE OWNERSHIP OR CONTROL	70	31	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	6	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	SINGLE UNIT COMPANIES, TOTAL	371	55	4.1	23.8	3.8	6.0	20.0	49.2	48.4	97.2	3.5	9.3	9.7
	CORPORATE OWNERSHIP OR CONTROL	151	42	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	220	13	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	221	73	5.0	33.4	4.5	7.6	28.0	64.4	82.1	148.7	4.5	19.7	16.5
	NONCORPORATE, TOTAL	226	13	1.4	6.6	1.3	2.1	5.7	15.9	16.1	32.0	1.2	3.9	3.9
	INDIVIDUAL	104	8	.6	3.1	.6	.9	2.6	7.3	7.8	15.1	.5	1.7	1.6
	PARTNERSHIP	58	5	.5	2.3	.4	.7	2.0	6.0	5.8	11.9	.4	1.6	1.5
	OTHER AND UNKNOWN	64	-	.3	1.3	.3	.4	1.1	2.6	2.5	5.1	.2	.6	.6
2431	MILLWORK													
	TOTAL	2 434	720	70.5	524.5	58.4	110.8	383.6	962.7	1 485.4	2 426.8	57.2	334.3	365.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	273	215	30.2	221.2	25.7	50.7	169.7	420.0	717.1	1 125.2	28.5	171.5	187.1
	CORPORATE OWNERSHIP OR CONTROL	265	213	30.1	220.6	25.6	50.6	169.3	415.2	715.7	1 119.4	28.4	170.9	186.5
	NONCORPORATE OWNERSHIP	8	2	.1	.6	.1	.1	.5	4.8	1.4	5.8	.1	.6	.7
	SINGLE UNIT COMPANIES, TOTAL	2 161	505	40.2	303.3	32.8	60.1	213.9	542.7	768.3	1 301.6	28.7	162.8	178.1
	CORPORATE OWNERSHIP OR CONTROL	1 386	477	36.2	276.5	29.3	54.2	194.1	469.9	705.1	1 185.8	26.2	148.4	163.1
	NONCORPORATE OWNERSHIP	775	28	4.0	26.8	3.5	5.8	19.8	52.8	63.2	115.8	2.5	14.4	15.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 651	690	66.4	497.1	54.9	104.8	363.3	905.1	1 420.8	2 305.2	54.5	319.4	349.6
	NONCORPORATE, TOTAL	783	30	4.1	27.4	3.5	6.0	20.3	57.6	64.6	121.6	2.6	15.0	15.7
	INDIVIDUAL	418	19	2.1	13.1	1.9	3.0	9.9	30.6	29.8	59.9	1.3	8.0	8.4
	PARTNERSHIP	148	11	1.1	8.2	.9	1.6	5.9	16.0	21.0	37.0	.6	4.0	4.3
	OTHER AND UNKNOWN	217	-	.8	6.1	.7	1.3	4.5	11.0	13.8	24.8	.7	3.0	3.0

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2434	WOOD KITCHEN CABINETS													
	TOTAL	1 796	396	38.8	286.6	32.2	62.0	208.1	486.7	420.1	897.2	28.3	104.6	119.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	84	76	13.0	89.7	10.7	20.7	63.4	168.5	140.9	304.9	11.2	50.0	55.0
	CORPORATE OWNERSHIP OR CONTROL	84	76	13.0	89.7	10.7	20.7	63.4	168.5	140.9	304.9	11.2	50.0	55.0
	SINGLE UNIT COMPANIES, TOTAL	1 712	320	25.8	196.9	21.6	41.4	144.7	318.2	279.2	592.3	17.1	54.6	64.7
	CORPORATE OWNERSHIP OR CONTROL	796	295	21.6	171.0	17.7	34.4	124.2	267.4	228.6	491.5	14.3	40.7	49.8
	NONCORPORATE OWNERSHIP	916	25	4.2	25.9	3.8	7.0	20.6	50.8	50.6	100.7	2.8	13.9	14.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	880	371	34.6	260.7	28.4	55.0	187.6	435.9	369.5	796.5	25.5	90.2	104.8
	NONCORPORATE, TOTAL	916	25	4.2	25.9	3.8	7.0	20.6	50.8	50.6	100.7	2.8	14.4	14.9
	INDIVIDUAL	513	15	2.4	14.8	2.2	4.1	11.9	29.9	29.8	59.4	1.9	8.8	8.8
	PARTNERSHIP	172	10	1.0	6.2	.9	1.6	4.8	12.1	12.4	24.1	.5	3.1	3.6
	OTHER AND UNKNOWN	231	-	.8	4.9	.8	1.4	3.8	8.8	8.4	17.2	.4	2.4	2.5
2435	HARDWOOD VENEER AND PLYWOOD													
	TOTAL	366	254	25.1	165.2	22.1	46.1	129.1	340.8	582.4	911.8	32.1	133.3	142.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	109	93	13.5	97.8	11.6	24.8	75.5	210.5	419.1	620.0	16.1	97.4	104.6
	CORPORATE OWNERSHIP OR CONTROL	106	91	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	257	161	11.6	67.4	10.5	21.3	53.5	130.4	163.3	291.8	16.1	35.8	37.4
	CORPORATE OWNERSHIP OR CONTROL	220	150	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	37	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	326	241	24.2	159.7	21.2	44.2	124.3	331.8	562.9	883.6	31.0	124.4	132.8
	NONCORPORATE, TOTAL	40	13	.9	5.5	.9	1.8	4.8	9.0	19.5	28.2	1.1	8.9	9.2
	INDIVIDUAL	14	3	.1	.7	.1	.3	.6	1.2	1.1	2.2	.1	.1	.1
	PARTNERSHIP	19	10	.8	4.6	.7	1.5	4.0	7.4	18.0	25.1	.9	8.6	9.0
	OTHER AND UNKNOWN	7	-	(Z)	.2	(Z)	.1	.2	.4	.4	.8	.1	.1	.1
2436	SOFTWOOD VENEER AND PLYWOOD													
	TOTAL	232	225	43.7	403.6	39.9	85.3	356.5	935.4	1 071.3	2 011.5	65.4	115.4	113.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	167	164	35.0	323.5	31.8	68.7	283.9	770.0	852.5	1 627.1	50.2	88.8	86.6
	CORPORATE OWNERSHIP OR CONTROL	164	161	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	65	61	8.6	80.1	8.1	16.7	72.6	165.3	218.8	384.4	15.3	26.7	27.0
	CORPORATE OWNERSHIP OR CONTROL	59	55	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	6	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	223	216	42.9	397.2	39.2	84.0	350.8	923.9	1 044.1	1 972.6	64.6	113.6	112.0
	NONCORPORATE, TOTAL	9	9	.8	6.4	.7	1.3	5.7	11.4	27.3	38.9	.9	1.8	1.7
	INDIVIDUAL	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	7	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2439	STRUCTURAL WOOD MEMBERS, N.E.C.													
	TOTAL	678	196	12.6	94.4	9.8	18.6	62.6	182.8	276.0	456.0	11.8	43.4	48.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	119	68	4.5	34.2	3.7	7.2	24.4	66.3	102.9	168.3	4.1	17.6	18.9
	CORPORATE OWNERSHIP OR CONTROL	117	67	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	559	128	8.1	60.2	6.1	11.4	38.2	116.5	173.1	287.7	7.7	25.8	29.6
	CORPORATE OWNERSHIP OR CONTROL	461	122	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	98	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	578	189	12.1	90.8	9.4	17.8	60.2	174.7	264.3	436.3	11.3	41.6	46.5
	NONCORPORATE, TOTAL	100	7	.5	3.6	.4	.8	2.4	8.1	11.7	19.7	.5	1.8	2.0
	INDIVIDUAL	35	3	.2	1.1	.1	.2	.7	2.9	3.7	6.5	.2	.6	.6
	PARTNERSHIP	32	4	.3	1.6	.2	.4	1.2	3.4	5.5	8.8	.2	.7	.9
	OTHER AND UNKNOWN	33	-	.1	.8	.1	.2	.5	1.8	2.5	4.3	.2	.5	.5
2441	NAILED WOOD BOXES AND SHOOK													
	TOTAL	436	130	10.7	61.1	9.5	18.4	49.0	103.8	136.3	237.9	6.4	25.3	26.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	42	33	3.7	22.6	3.3	6.7	18.6	40.6	56.2	94.8	2.5	10.9	11.6
	CORPORATE OWNERSHIP OR CONTROL	40	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	394	97	7.0	38.5	6.2	11.7	30.4	63.2	80.1	143.1	3.9	14.4	14.6
	CORPORATE OWNERSHIP OR CONTROL	240	88	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	154	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	280	119	9.1	52.9	8.1	15.7	42.0	89.5	117.5	204.6	5.6	20.8	22.6
	NONCORPORATE, TOTAL	156	11	1.6	8.3	1.4	2.7	7.0	14.2	18.8	33.3	.9	4.6	3.6
	INDIVIDUAL	72	2	.3	1.6	.3	.5	1.3	2.7	3.9	6.6	.2	.6	.7
	PARTNERSHIP	48	9	1.1	6.1	1.0	2.0	5.3	10.5	14.0	24.8	.7	3.8	2.7
	OTHER AND UNKNOWN	36	-	.1	.6	.1	.2	.4	1.0	1.0	1.9	.1	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2448	WOOD PALLETS AND SKIDS													
	TOTAL	456	271	14.3	77.7	12.5	23.1	60.3	140.9	155.2	95.4	11.2	16.5	17.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	46	34	2.0	11.9	1.7	3.6	9.4	20.5	25.1	45.1	1.2	3.9	4.2
	CORPORATE OWNERSHIP OR CONTROL	45	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	410	237	12.3	65.8	10.7	19.5	50.9	120.5	130.0	250.3	10.0	12.7	13.0
	CORPORATE OWNERSHIP OR CONTROL	321	193	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	89	44	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	366	227	12.3	68.8	10.6	19.9	52.5	117.6	137.5	254.5	9.6	15.3	15.6
	NONCORPORATE, TOTAL	90	44	2.0	8.8	1.8	3.2	7.8	23.4	17.6	40.9	1.5	1.2	1.5
	INDIVIDUAL	59	34	1.3	6.1	1.2	2.2	5.4	18.1	11.9	29.9	1.2	.9	1.2
	PARTNERSHIP	18	10	.5	1.8	.4	.7	1.5	3.4	3.5	7.0	.2	.2	.2
	OTHER AND UNKNOWN	13	-	.2	.9	.2	.3	.9	1.8	2.2	4.0	.2	.1	.1
2449	WOOD CONTAINERS, N.E.C.													
	TOTAL	268	100	11.9	65.0	10.5	21.0	51.9	114.1	126.7	240.2	3.6	39.7	38.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	69	47	6.7	40.0	5.8	11.8	32.2	66.8	79.8	146.1	1.7	29.8	28.7
	CORPORATE OWNERSHIP OR CONTROL	67	45	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	199	53	5.2	24.9	4.8	9.2	19.7	47.3	46.9	94.0	1.9	9.9	10.2
	CORPORATE OWNERSHIP OR CONTROL	101	44	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	98	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	168	89	10.4	58.2	9.1	18.2	46.0	102.4	116.8	218.4	3.2	36.5	36.3
	NONCORPORATE, TOTAL	100	11	1.5	6.8	1.4	2.8	5.9	11.7	9.9	21.7	.4	3.2	2.6
	INDIVIDUAL	57	5	.3	1.4	.3	.5	1.2	3.4	3.7	7.1	.2	1.0	1.0
	PARTNERSHIP	26	6	1.1	5.1	1.1	2.2	4.5	8.0	5.8	13.9	.2	2.2	1.6
	OTHER AND UNKNOWN	17	-	(Z)	.2	(Z)	.1	.2	.4	.4	.7	(Z)	.1	.1
2451	MOBILE HOMES													
	TOTAL	683	589	71.9	547.3	60.5	115.1	407.7	1 033.9	2 220.3	3 242.9	63.4	191.0	222.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	434	424	57.3	448.0	48.4	92.4	336.1	849.3	1 844.5	2 686.9	50.5	151.1	173.1
	CORPORATE OWNERSHIP OR CONTROL	433	423	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	249	165	14.6	99.3	12.1	22.7	71.6	184.5	375.8	555.9	12.9	40.0	49.4
	CORPORATE OWNERSHIP OR CONTROL	220	164	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	29	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	653	587	71.6	544.9	60.2	114.5	406.0	1 029.9	2 211.5	3 230.2	63.3	190.4	221.8
	NONCORPORATE, TOTAL	30	2	.4	2.3	.3	.6	1.7	4.0	8.8	12.7	.1	.6	.8
	INDIVIDUAL	10	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	10	-	(Z)	.3	(Z)	.1	.2	.6	1.0	1.6	(Z)	.1	.1
	OTHER AND UNKNOWN	10	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2452	PREFABRICATED WOOD BUILDINGS													
	TOTAL	310	245	25.2	198.1	18.9	34.8	124.1	457.1	609.2	1 046.1	29.6	108.9	143.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	141	120	16.5	131.8	12.7	23.9	85.5	306.6	423.0	721.1	21.8	73.3	92.9
	CORPORATE OWNERSHIP OR CONTROL	139	120	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	169	125	8.7	66.3	6.2	11.0	38.6	150.4	186.2	325.0	7.8	35.7	50.9
	CORPORATE OWNERSHIP OR CONTROL	162	121	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	7	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	301	241	25.0	196.4	18.8	34.6	123.3	453.9	603.8	1 037.6	29.4	108.2	142.9
	NONCORPORATE, TOTAL	9	4	.2	1.7	.1	.3	.8	3.2	5.4	8.5	.2	.8	.8
	INDIVIDUAL	4	2	.1	.4	.1	.1	.3	.7	2.4	3.1	(Z)	.1	.1
	PARTNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2491	WOOD PRESERVING													
	TOTAL	399	168	11.3	74.5	9.2	18.8	54.4	175.8	303.6	475.8	14.8	95.5	94.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	149	117	7.6	51.8	6.2	12.8	38.3	129.1	213.4	339.9	10.7	77.1	75.2
	CORPORATE OWNERSHIP OR CONTROL	148	116	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	250	51	3.7	22.7	3.0	6.0	16.1	46.7	90.2	135.9	4.1	18.3	19.5
	CORPORATE OWNERSHIP OR CONTROL	156	47	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	94	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	304	163	10.8	72.0	8.8	18.0	52.6	170.0	294.1	460.4	14.4	92.6	92.0
	NONCORPORATE, TOTAL	95	5	.5	2.5	.4	.8	1.8	5.8	9.6	15.4	.4	2.8	2.8
	INDIVIDUAL	28	2	.1	.7	.1	.2	.5	1.6	2.2	3.8	.1	.7	.7
	PARTNERSHIP	27	3	.2	1.1	.2	.3	.8	2.6	4.7	7.4	.2	1.4	1.4
	OTHER AND UNKNOWN	40	-	.1	.7	.1	.3	.6	1.5	2.7	4.3	.1	.6	.6

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2492	PARTICLEBOARD													
	TOTAL	68	64	7.7	65.5	6.4	13.8	51.8	144.5	152.1	295.4	34.6	16.8	16.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	56	53	7.0	60.4	5.8	12.6	48.0	133.0	142.9	274.8	34.1	15.8	15.8
	CORPORATE OWNERSHIP OR CONTROL	56	53	7.0	60.4	5.8	12.6	48.0	133.0	142.9	274.8	34.1	15.8	15.8
	SINGLE UNIT COMPANIES, TOTAL	12	11	.7	5.1	.6	1.2	3.8	11.5	9.1	20.6	.5	1.0	1.0
	CORPORATE OWNERSHIP OR CONTROL	9	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	65	62	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2499	WOOD PRODUCTS, N.E.C.													
	TOTAL	3 133	646	63.0	410.0	53.0	102.6	294.3	809.1	714.6	1 518.9	66.3	197.2	202.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	317	225	29.9	212.5	24.4	49.0	151.0	432.2	393.9	823.7	58.1	116.3	116.5
	CORPORATE OWNERSHIP OR CONTROL	311	223	29.8	212.1	24.4	48.9	150.6	431.2	392.9	821.6	58.0	116.1	116.4
	NONCORPORATE OWNERSHIP	6	2	.1	.5	.1	.1	.4	1.0	1.0	1.9	.1	.2	.2
	SINGLE UNIT COMPANIES, TOTAL	2 816	421	33.1	197.4	28.6	53.6	143.3	376.9	320.7	695.2	28.2	80.9	86.0
	CORPORATE OWNERSHIP OR CONTROL	1 475	389	27.3	166.5	23.3	44.1	119.7	306.1	260.4	564.3	21.8	65.9	70.5
	NONCORPORATE OWNERSHIP	1 341	32	5.8	31.0	5.3	9.4	23.6	70.8	60.3	130.9	6.5	15.1	15.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 786	612	57.2	378.5	47.7	93.1	270.3	737.3	653.2	1 386.1	79.8	181.9	186.9
	NONCORPORATE, TOTAL	1 347	34	5.9	31.4	5.3	9.5	24.0	71.8	61.3	132.8	6.6	15.3	15.7
	INDIVIDUAL	658	19	2.9	15.0	2.6	4.5	11.2	37.7	33.1	70.6	3.2	7.8	8.2
	PARTNERSHIP	282	15	1.8	9.5	1.7	3.1	7.8	20.2	16.6	36.8	2.0	4.3	4.3
	OTHER AND UNKNOWN	407	-	1.2	6.9	1.1	2.0	5.0	13.8	11.6	25.5	1.4	3.2	3.2
25	FURNITURE AND FIXTURES													
	TOTAL	9 233	3 647	462.0	3 205.4	384.1	756.1	2 323.6	6 097.1	5 335.1	11 320.3	306.2	1 561.3	1 754.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	1 450	1 218	263.7	1 844.4	218.8	438.9	1 347.3	3 631.0	3 216.8	6 766.9	195.0	1 078.5	1 168.5
	CORPORATE OWNERSHIP OR CONTROL	1 428	1 208	262.6	1 838.8	217.8	436.9	1 342.9	3 619.9	3 204.0	6 743.0	194.7	1 025.9	1 165.7
	NONCORPORATE OWNERSHIP	22	10	1.2	5.6	1.0	1.9	4.3	11.1	12.8	23.9	.3	2.6	2.8
	SINGLE UNIT COMPANIES, TOTAL	7 783	2 429	198.3	1 361.0	165.4	317.3	976.4	2 466.1	2 118.3	4 553.4	111.2	532.8	585.9
	CORPORATE OWNERSHIP OR CONTROL	5 323	2 307	184.8	1 277.8	153.4	295.4	913.4	2 287.8	1 962.5	4 218.9	102.9	485.1	538.6
	NONCORPORATE OWNERSHIP	2 460	122	13.5	83.2	11.9	21.9	63.0	178.3	155.8	334.5	8.2	47.7	47.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	6 751	3 515	447.4	3 116.6	371.3	732.4	2 256.3	5 907.7	5 166.5	10 961.9	297.6	1 511.0	1 704.3
	NONCORPORATE, TOTAL	2 482	132	14.7	88.8	12.9	23.8	67.3	189.4	168.6	358.4	8.5	50.4	50.1
	INDIVIDUAL	1 275	72	7.3	43.4	6.3	11.7	33.2	95.3	85.6	181.5	3.8	25.2	24.7
	PARTNERSHIP	539	60	5.1	31.3	4.5	8.5	23.8	64.2	57.9	121.8	2.6	16.4	17.1
	OTHER AND UNKNOWN	668	-	2.3	14.0	2.0	3.7	10.3	29.9	25.1	55.1	2.1	8.8	8.3
2511	WOOD HOUSEHOLD FURNITURE													
	TOTAL	2 348	827	133.8	806.8	118.8	240.9	642.3	1 556.9	1 355.1	2 870.0	93.8	453.0	513.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	364	309	85.7	527.1	76.4	158.8	427.7	1 035.9	937.7	1 940.1	61.6	321.3	370.6
	CORPORATE OWNERSHIP OR CONTROL	358	305	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	6	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 984	518	48.1	279.7	42.4	82.2	214.6	520.9	417.4	929.8	32.2	131.7	142.7
	CORPORATE OWNERSHIP OR CONTROL	1 251	492	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	733	26	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 609	797	129.3	783.7	114.7	233.2	623.6	1 509.3	1 311.4	2 779.5	91.3	439.6	499.3
	NONCORPORATE, TOTAL	739	30	4.5	23.1	4.1	7.7	18.7	47.5	43.6	90.5	2.5	13.3	14.0
	INDIVIDUAL	334	18	2.4	12.4	2.2	4.2	10.0	26.4	26.6	52.7	1.4	6.8	7.2
	PARTNERSHIP	193	12	1.4	6.8	1.3	2.3	5.6	13.6	10.7	23.9	.7	4.0	4.3
	OTHER AND UNKNOWN	212	-	.7	3.9	.7	1.3	3.0	7.6	6.4	13.9	.5	2.4	2.5
2512	UPHOLSTERED HOUSEHOLD FURNITURE													
	TOTAL	1 308	770	92.0	605.3	78.3	150.2	454.7	1 104.0	1 017.9	2 104.7	54.7	207.1	251.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	224	201	45.9	304.5	39.0	77.1	229.8	593.2	543.4	1 124.3	31.9	120.0	148.8
	CORPORATE OWNERSHIP OR CONTROL	217	197	45.7	303.7	38.9	76.9	229.2	591.8	542.1	1 121.7	31.9	119.8	148.7
	NONCORPORATE OWNERSHIP	7	4	.1	.8	.1	.2	.6	1.3	1.3	2.6	(2)	.2	.2
	SINGLE UNIT COMPANIES, TOTAL	1 084	569	46.2	300.9	39.3	73.0	224.9	510.8	474.5	980.4	22.8	87.1	102.5
	CORPORATE OWNERSHIP OR CONTROL	838	547	44.2	289.8	37.5	69.9	215.9	488.2	454.5	937.9	21.9	82.8	96.2
	NONCORPORATE OWNERSHIP	246	22	1.9	11.0	1.7	3.1	8.9	22.6	19.9	42.5	.9	4.3	4.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 055	744	90.0	593.5	76.4	146.8	445.2	1 080.1	996.6	2 059.6	53.8	202.6	246.9
	NONCORPORATE, TOTAL	253	26	2.1	11.8	1.9	3.3	9.5	23.9	21.3	45.2	.9	4.5	4.5
	INDIVIDUAL	118	17	1.1	6.4	1.0	1.8	5.2	12.8	11.5	24.2	.5	2.5	2.4
	PARTNERSHIP	69	9	.6	3.5	.6	1.0	2.9	7.5	6.7	14.2	.3	1.2	1.3
	OTHER AND UNKNOWN	66	-	.3	1.9	.3	.5	1.5	3.7	3.0	6.7	.1	.8	.8

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2514	METAL HOUSEHOLD FURNITURE													
	TOTAL	467	230	34.4	222.5	28.6	53.7	157.6	447.2	452.4	890.4	16.9	116.7	133.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	121	101	22.2	141.1	18.4	34.3	100.7	278.7	284.1	555.4	10.2	79.2	92.4
	CORPORATE OWNERSHIP OR CONTROL	121	101	22.2	141.1	18.4	34.3	100.7	278.7	284.1	555.4	10.2	79.2	92.4
	SINGLE UNIT COMPANIES, TOTAL	346	129	12.2	81.4	10.2	19.4	56.9	168.5	168.3	335.0	6.6	37.6	41.4
	CORPORATE OWNERSHIP OR CONTROL	280	123	11.4	76.6	9.6	18.1	53.7	158.7	159.4	316.3	5.3	34.5	38.5
	NONCORPORATE OWNERSHIP	66	6	.8	4.7	.6	1.2	3.2	9.8	8.9	18.7	1.4	3.1	2.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	401	224	33.6	217.7	28.0	52.5	154.5	437.4	443.5	871.7	15.5	113.7	130.9
	NONCORPORATE, TOTAL	66	6	.8	4.7	.6	1.2	3.2	9.8	8.9	18.7	1.4	3.1	2.9
	INDIVIDUAL	29	3	.2	.9	.2	.3	.7	1.9	1.6	3.5	.1	.5	.5
	PARTNERSHIP	13	3	.5	3.4	.4	.8	2.2	7.3	6.4	13.5	(D)	1.7	2.2
	OTHER AND UNKNOWN	24	-	.1	.4	.1	.1	.3	.6	.8	1.7	(D)	.9	.3
2515	MATTRESSES AND BEDSPRINGS													
	TOTAL	977	370	31.4	233.7	24.2	47.1	149.7	479.9	565.4	1 041.7	20.7	104.8	112.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	156	122	15.8	123.9	12.1	23.6	81.6	259.0	288.5	545.0	11.6	57.2	62.8
	CORPORATE OWNERSHIP OR CONTROL	151	121	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	821	248	15.6	109.8	12.2	23.5	68.1	220.9	276.9	496.8	9.1	47.7	50.2
	CORPORATE OWNERSHIP OR CONTROL	511	230	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	310	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	662	351	29.6	222.9	22.7	44.2	142.1	454.9	534.0	985.4	19.7	98.9	107.0
	NONCORPORATE, TOTAL	315	19	1.8	10.8	1.5	2.9	7.6	25.0	31.4	56.4	1.0	5.9	5.9
	INDIVIDUAL	174	8	.7	4.1	.6	1.1	3.0	10.8	12.7	23.4	.5	2.5	2.5
	PARTNERSHIP	67	11	.8	5.0	.7	1.4	3.6	10.7	14.3	25.1	.4	2.6	2.6
	OTHER AND UNKNOWN	74	-	.3	1.7	.2	.4	1.0	3.5	4.4	7.9	.2	.8	.8
2517	WOOD TV AND RADIO CABINETS													
	TOTAL	103	65	18.9	111.2	16.6	32.4	87.5	176.9	160.2	330.2	9.5	33.3	49.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	36	33	15.5	93.0	13.6	26.5	73.3	144.8	136.4	275.6	8.6	28.7	43.9
	CORPORATE OWNERSHIP OR CONTROL	36	33	15.5	93.0	13.6	26.5	73.3	144.8	136.4	275.6	8.6	28.7	43.9
	SINGLE UNIT COMPANIES, TOTAL	67	32	3.4	18.1	2.9	5.9	14.2	32.1	23.8	54.6	.9	4.6	5.9
	CORPORATE OWNERSHIP OR CONTROL	46	29	3.1	16.7	2.8	5.5	13.1	29.6	22.0	50.3	.8	4.3	5.5
	NONCORPORATE OWNERSHIP	21	3	.2	1.4	.2	.4	1.1	2.5	1.8	4.3	.1	.4	.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	82	62	18.7	109.8	16.4	32.0	86.4	174.4	158.4	325.9	9.4	33.0	49.4
	NONCORPORATE, TOTAL	21	3	.2	1.4	.2	.4	1.1	2.5	1.8	4.3	.1	.4	.4
	INDIVIDUAL	6	2	.1	.8	.1	.2	.7	1.5	.9	2.3	(Z)	.1	.2
	PARTNERSHIP	8	1	.1	.4	.1	.1	.3	.7	.6	1.3	.1	.1	.2
	OTHER AND UNKNOWN	7	-	(Z)	.2	(Z)	.1	.1	.3	.3	.6	(Z)	.1	.1
2519	HOUSEHOLD FURNITURE, N.E.C.													
	TOTAL	166	73	6.9	44.2	5.9	11.0	33.0	95.6	80.1	172.6	7.0	16.4	20.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	48	34	4.1	28.0	3.5	6.5	21.1	63.1	54.1	114.8	3.9	11.4	14.2
	CORPORATE OWNERSHIP OR CONTROL	47	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	118	39	2.7	16.2	2.3	4.5	11.9	32.5	26.1	57.8	3.1	5.0	6.0
	CORPORATE OWNERSHIP OR CONTROL	89	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	29	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	136	71	6.7	43.1	5.7	10.7	32.1	93.7	77.9	168.5	6.9	16.1	19.9
	NONCORPORATE, TOTAL	30	2	.2	1.2	.2	.3	.9	1.9	2.2	4.1	.2	.2	.3
	INDIVIDUAL	18	1	.1	.5	.1	.2	.4	.6	1.3	1.9	(D)	.1	.1
	PARTNERSHIP	6	1	.1	.5	.1	.1	.4	1.0	.6	1.5	(D)	.1	.1
	OTHER AND UNKNOWN	6	-	(Z)	.2	(Z)	.1	.1	.4	.3	.7	(Z)	.1	.1
2521	WOOD OFFICE FURNITURE													
	TOTAL	240	104	11.5	80.1	9.6	19.4	60.1	146.7	106.2	249.7	7.3	43.3	50.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	41	32	5.3	34.9	4.4	8.7	26.3	68.0	53.1	119.0	5.3	24.7	28.4
	CORPORATE OWNERSHIP OR CONTROL	41	32	5.3	34.9	4.4	8.7	26.3	68.0	53.1	119.0	5.3	24.7	28.4
	SINGLE UNIT COMPANIES, TOTAL	199	72	6.2	45.2	5.2	10.6	33.7	78.8	53.1	130.7	2.0	18.6	21.7
	CORPORATE OWNERSHIP OR CONTROL	150	71	5.9	43.6	5.0	10.3	32.5	74.9	50.8	124.5	1.9	17.6	20.8
	NONCORPORATE OWNERSHIP	49	1	.2	1.5	.2	.4	1.2	3.9	2.3	6.2	.1	.9	.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	191	103	11.3	78.6	9.4	19.0	58.8	142.8	103.9	243.5	7.2	42.4	49.2
	NONCORPORATE, TOTAL	49	1	.2	1.5	.2	.4	1.2	3.9	2.3	6.2	.1	.9	.9
	INDIVIDUAL	25	1	.1	.9	.1	.2	.7	2.0	1.4	3.5	(Z)	.6	.6
	PARTNERSHIP	9	-	(Z)	.2	(Z)	.1	.2	.6	.2	.9	(Z)	.1	.1
	OTHER AND UNKNOWN	15	-	.1	.5	.1	.1	.4	1.2	.6	1.9	(Z)	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2522	METAL OFFICE FURNITURE													
	TOTAL	193	118	27.8	249.9	20.8	42.9	168.0	513.2	353.2	861.5	24.5	132.4	144.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	75	71	21.3	205.8	15.6	32.5	136.1	425.1	294.4	716.4	18.8	112.3	121.9
	CORPORATE OWNERSHIP OR CONTROL	75	71	21.3	205.8	15.6	32.5	136.1	425.1	294.4	716.4	18.8	112.3	121.9
	SINGLE UNIT COMPANIES, TOTAL	118	47	6.3	44.1	5.2	10.4	31.9	88.1	58.8	145.1	5.8	20.1	22.6
	CORPORATE OWNERSHIP OR CONTROL	92	45	6.2	43.4	5.0	10.2	31.3	86.0	57.6	141.9	5.7	19.7	22.3
	NONCORPORATE OWNERSHIP	26	2	.1	.8	.1	.2	.6	2.1	1.2	3.3	.1	.4	.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	167	116	27.7	249.2	20.6	42.7	167.4	511.1	352.0	858.2	24.5	132.0	144.2
	NONCORPORATE, TOTAL	26	2	.1	.8	.1	.2	.6	2.1	1.2	3.3	.1	.4	.4
	INDIVIDUAL	13	2	.1	.6	.1	.1	.4	1.5	.9	2.4	(2)	.3	.3
	PARTNERSHIP	3	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	5	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2531	PUBLIC BUILDING AND RELATED FURNITURE													
	TOTAL	422	195	31.4	157.8	16.3	31.6	103.8	295.0	246.3	535.3	13.0	95.3	108.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	74	61	10.9	63.5	8.0	15.6	52.5	160.6	137.6	293.7	8.2	62.4	67.8
	CORPORATE OWNERSHIP OR CONTROL	73	60	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	1	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	SINGLE UNIT COMPANIES, TOTAL	348	134	10.1	71.0	8.1	15.5	49.0	127.7	104.6	229.9	4.6	31.9	36.0
	CORPORATE OWNERSHIP OR CONTROL	258	127	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	90	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	331	187	20.3	150.3	15.5	29.9	98.3	280.4	233.9	507.5	12.7	91.9	101.4
	NONCORPORATE, TOTAL	91	8	.7	4.2	.6	1.1	3.2	7.9	8.3	16.1	.2	2.3	2.4
	INDIVIDUAL	52	1	.2	1.3	.2	.3	1.0	2.7	3.1	5.8	.1	.8	.8
	PARTNERSHIP	15	7	.4	2.6	.3	.7	2.0	4.4	4.5	8.9	.1	1.3	1.3
	OTHER AND UNKNOWN	24	-	.1	.4	.1	.1	.3	.8	.7	1.4	(2)	.3	.3
2541	WOOD PARTITIONS AND FIXTURES													
	TOTAL	1 503	413	31.2	268.2	24.8	48.3	187.6	458.6	341.9	793.2	14.6	108.5	118.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	121	95	8.4	67.1	6.7	13.4	47.5	121.8	99.9	218.4	4.8	37.9	43.1
	CORPORATE OWNERSHIP OR CONTROL	121	95	8.4	67.1	6.7	13.4	47.5	121.8	99.9	218.4	4.8	37.9	43.1
	SINGLE UNIT COMPANIES, TOTAL	1 382	318	22.8	201.2	18.1	34.9	140.1	336.8	241.9	574.8	9.8	70.6	74.8
	CORPORATE OWNERSHIP OR CONTROL	894	294	20.2	181.5	15.9	31.0	125.5	296.5	214.4	505.7	8.6	58.2	63.6
	NONCORPORATE OWNERSHIP	488	24	2.5	19.6	2.2	3.9	14.6	40.3	27.5	69.1	1.2	12.4	11.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 015	389	28.6	248.6	22.6	44.4	173.0	418.2	314.3	724.1	13.4	96.1	106.7
	NONCORPORATE, TOTAL	488	24	2.5	19.6	2.2	3.9	14.6	40.3	27.5	69.1	1.2	12.4	11.3
	INDIVIDUAL	271	13	1.3	10.1	1.1	2.0	7.5	20.9	14.6	36.3	.7	7.2	6.4
	PARTNERSHIP	87	11	.8	6.5	.7	1.2	4.8	12.2	7.9	20.5	.4	3.4	3.0
	OTHER AND UNKNOWN	130	-	.4	3.1	.4	.6	2.2	7.2	5.0	12.3	.2	1.8	1.8
2542	METAL PARTITIONS AND FIXTURES													
	TOTAL	507	239	26.2	215.7	19.9	38.5	143.1	412.4	326.3	734.5	19.4	116.4	119.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	93	81	14.1	119.1	10.4	20.2	78.0	239.1	186.8	424.3	12.2	77.0	77.9
	CORPORATE OWNERSHIP OR CONTROL	93	81	14.1	119.1	10.4	20.2	78.0	239.1	186.8	424.3	12.2	77.0	77.9
	SINGLE UNIT COMPANIES, TOTAL	414	158	12.1	96.6	9.5	18.3	65.1	173.3	139.5	310.2	7.2	39.3	41.6
	CORPORATE OWNERSHIP OR CONTROL	332	153	11.7	93.6	9.1	17.7	62.8	166.6	133.8	297.8	6.9	37.8	40.0
	NONCORPORATE OWNERSHIP	82	5	.4	3.0	.4	.7	2.2	6.7	5.7	12.4	.3	1.5	1.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	425	234	25.8	212.8	19.5	37.9	140.8	405.8	320.6	722.1	19.1	114.8	118.0
	NONCORPORATE, TOTAL	82	5	.4	3.0	.4	.7	2.2	6.7	5.7	12.4	.3	1.5	1.5
	INDIVIDUAL	46	3	.3	1.8	.2	.4	1.3	4.3	3.6	7.9	.2	.9	.9
	PARTNERSHIP	14	2	.1	.8	.1	.2	.7	1.3	1.3	2.6	.1	.3	.3
	OTHER AND UNKNOWN	22	-	.1	.4	(2)	.1	.3	1.0	.8	1.8	(2)	.3	.3
2591	DRAPERY HARDWARE, BLINDS, SHADES													
	TOTAL	505	66	12.1	94.4	8.7	17.1	56.6	198.2	163.9	364.5	9.9	84.1	79.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	31	25	8.7	71.6	6.2	12.5	43.1	149.8	123.4	275.8	8.6	70.2	65.2
	CORPORATE OWNERSHIP OR CONTROL	30	25	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	1	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	SINGLE UNIT COMPANIES, TOTAL	474	41	3.4	22.8	2.5	4.6	13.5	48.4	40.5	88.7	1.3	13.9	14.5
	CORPORATE OWNERSHIP OR CONTROL	249	38	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	225	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	279	63	11.5	91.0	8.2	16.3	54.4	188.0	154.9	345.3	9.5	80.2	75.7
	NONCORPORATE, TOTAL	226	3	.6	3.4	.5	.8	2.2	10.2	9.0	19.1	.4	3.9	4.0
	INDIVIDUAL	132	-	.3	1.7	.2	.4	1.0	5.1	4.3	9.5	.2	2.0	2.0
	PARTNERSHIP	37	3	.2	1.1	.2	.3	.8	3.2	3.0	6.2	.1	1.2	1.3
	OTHER AND UNKNOWN	57	-	.1	.7	.1	.1	.4	1.8	1.6	3.5	.1	.7	.7

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2599	FURNITURE AND FIXTURES, N.E.C.													
	TOTAL	494	177	14.5	115.5	11.6	22.9	79.6	211.7	163.0	372.0	14.8	50.1	52.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	66	53	5.2	41.4	4.1	8.4	27.2	84.4	70.1	152.4	9.3	25.3	26.7
	CORPORATE OWNERSHIP OR CONTROL	65	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	428	124	9.3	74.1	7.5	14.5	52.5	127.3	92.9	219.6	5.5	24.8	26.0
	CORPORATE OWNERSHIP OR CONTROL	333	121	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	95	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	398	174	13.9	112.2	11.2	22.2	77.4	203.9	157.6	358.9	14.7	48.7	51.2
	NONCORPORATE, TOTAL	96	3	.5	3.2	.4	.8	2.3	7.8	5.4	13.1	.2	1.4	1.5
	INDIVIDUAL	52	3	.3	1.9	.2	.5	1.3	4.9	3.1	8.0	.1	.8	.8
	PARTNERSHIP	18	-	.1	.5	.1	.1	.4	1.5	1.3	2.8	(Z)	.3	.3
	OTHER AND UNKNOWN	26	-	.1	.8	.1	.2	.6	1.4	.9	2.3	(Z)	.3	.3
26	PAPER AND ALLIED PRODUCTS													
	TOTAL	6 038	3 956	633.4	5 992.1	498.8	1 040.5	4 320.2	13 064.1	15 240.5	28 261.9	1 335.3	2 844.0	2 911.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	2 785	2 554	529.1	5 160.7	415.7	874.9	3 760.2	11 494.2	13 665.0	25 128.2	1 231.3	2 559.1	2 602.7
	CORPORATE OWNERSHIP OR CONTROL	2 776	2 546	527.3	5 143.1	414.2	871.8	3 745.8	11 450.7	13 578.5	24 995.3	1 228.3	2 546.6	2 593.3
	NONCORPORATE OWNERSHIP	9	8	1.7	17.6	1.5	3.1	14.4	43.5	86.5	132.9	3.0	12.6	9.4
	SINGLE UNIT COMPANIES, TOTAL	3 253	1 402	104.4	831.3	83.1	165.6	560.0	1 569.9	1 575.5	3 133.7	104.0	284.9	308.7
	CORPORATE OWNERSHIP OR CONTROL	2 827	1 377	101.8	815.0	80.9	161.5	548.0	1 535.2	1 536.2	3 059.8	100.3	276.5	299.9
	NONCORPORATE OWNERSHIP	426	25	2.6	16.3	2.2	4.1	12.0	34.7	39.3	73.9	3.6	8.4	8.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	5 603	3 923	629.1	5 958.1	495.1	1 033.3	4 293.8	12 985.9	15 114.7	28 055.1	1 328.6	2 823.1	2 893.2
	NONCORPORATE, TOTAL	435	33	4.3	33.9	3.8	7.2	26.3	78.2	125.8	206.8	6.6	21.0	18.3
	INDIVIDUAL	182	9	1.9	15.1	1.8	3.4	12.2	29.9	65.5	98.2	1.8	11.8	8.8
	PARTNERSHIP	129	24	1.9	15.7	1.6	3.1	11.9	41.6	52.8	94.4	4.2	7.7	8.1
	OTHER AND UNKNOWN	124	-	.5	3.1	.4	.8	2.2	6.7	7.6	14.2	.7	1.4	1.4
2611	PULPMILLS													
	TOTAL	60	35	10.6	125.7	8.4	17.6	95.0	306.9	388.1	709.9	136.4	102.6	78.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	35	32	10.4	124.1	8.3	17.2	93.8	303.1	383.7	701.8	135.8	101.8	77.6
	CORPORATE OWNERSHIP OR CONTROL	35	32	10.4	124.1	8.3	17.2	93.8	303.1	383.7	701.8	135.8	101.8	77.6
	SINGLE UNIT COMPANIES, TOTAL	25	3	.2	1.6	.2	.4	1.2	3.8	4.4	8.1	.7	.8	1.0
	CORPORATE OWNERSHIP OR CONTROL	15	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	10	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	50	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	10	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	10	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	PARTNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
2621	PAPERMILLS, EXCEPT BUILDING PAPER													
	TOTAL	349	295	129.9	1 439.6	103.3	226.0	1 091.8	2 909.3	3 465.5	6 385.2	372.3	706.6	678.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	266	258	123.8	1 377.0	98.3	215.1	1 045.4	2 796.7	3 324.5	6 133.4	359.6	678.2	647.4
	CORPORATE OWNERSHIP OR CONTROL	265	257	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	83	37	6.1	62.5	4.9	11.0	46.4	112.6	141.0	251.8	12.7	28.4	31.5
	CORPORATE OWNERSHIP OR CONTROL	78	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	343	294	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2631	PAPERBOARD MILLS													
	TOTAL	273	248	68.5	778.2	54.5	121.2	588.5	1 994.4	2 152.9	4 153.5	313.5	244.8	240.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	230	222	65.4	746.0	52.0	115.6	564.5	1 926.6	2 084.4	4 016.8	307.6	238.1	234.1
	CORPORATE OWNERSHIP OR CONTROL	228	220	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	43	26	3.0	32.2	2.5	5.6	24.0	67.8	68.5	136.7	5.9	6.7	6.3
	CORPORATE OWNERSHIP OR CONTROL	39	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	267	245	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	6	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2641	PAPER COATING AND GLAZING													
	TOTAL	426	217	37.2	366.6	26.5	55.7	231.9	964.4	984.8	1 954.0	52.3	238.2	256.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	159	138	31.6	316.5	22.4	47.3	201.5	883.4	871.9	1 740.6	45.4	217.7	234.9
	CORPORATE OWNERSHIP OR CONTROL	159	138	31.6	316.5	22.4	47.3	201.5	883.4	871.9	1 740.6	45.4	217.7	234.9
	SINGLE UNIT COMPANIES, TOTAL	267	79	5.6	50.1	4.1	8.5	30.4	101.1	112.9	213.3	7.0	20.5	21.8
	CORPORATE OWNERSHIP OR CONTROL	229	78	5.4	48.8	4.0	8.2	29.5	98.4	108.1	205.9	6.8	19.9	21.1
	NONCORPORATE OWNERSHIP	38	1	.2	1.3	.2	.3	.9	2.7	4.8	7.5	.2	.7	.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	388	216	37.0	365.3	26.3	55.4	231.0	981.8	980.0	1 946.5	52.1	237.6	256.1
	NONCORPORATE, TOTAL	38	1	.2	1.3	.2	.3	.9	2.7	4.8	7.5	.2	.7	.7
	INDIVIDUAL	18	1	.1	.6	.1	.2	.5	1.4	1.5	2.9	.1	.3	.3
	PARTNERSHIP	11	—	(Z)	.4	(Z)	.1	.2	.6	1.6	2.3	(Z)	.2	.2
	OTHER AND UNKNOWN	9	—	(Z)	.3	(Z)	.1	.2	.6	1.7	2.3	.1	.2	.2
2642	ENVELOPES													
	TOTAL	247	183	22.9	194.6	18.4	37.3	134.7	347.1	276.1	620.8	17.4	68.2	73.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	111	107	16.0	137.1	12.8	25.5	94.8	249.5	196.5	443.7	10.9	50.1	54.7
	CORPORATE OWNERSHIP OR CONTROL	111	107	16.0	137.1	12.8	25.5	94.8	249.5	196.5	443.7	10.9	50.1	54.7
	SINGLE UNIT COMPANIES, TOTAL	136	76	7.0	57.5	5.7	11.8	39.9	97.6	79.6	177.1	6.5	18.1	18.8
	CORPORATE OWNERSHIP OR CONTROL	119	76	6.9	57.0	5.6	11.7	39.5	96.1	77.7	173.7	6.2	17.7	18.5
	NONCORPORATE OWNERSHIP	17	—	.1	.5	.1	.1	.4	1.5	1.9	3.4	.3	.3	.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	230	183	22.9	194.1	18.4	37.2	134.3	345.6	274.2	617.4	17.1	67.9	73.1
	NONCORPORATE, TOTAL	17	—	.1	.5	.1	.1	.4	1.5	1.9	3.4	.3	.3	.4
	INDIVIDUAL	7	—	(Z)	.2	(Z)	(Z)	.1	.5	.4	.9	(Z)	.1	.1
	PARTNERSHIP	4	—	(Z)	.2	(Z)	.1	.2	.9	1.3	2.2	(D)	.2	.3
	OTHER AND UNKNOWN	6	—	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	(D)	(Z)	(Z)
2643	BAGS, EXCEPT TEXTILE BAGS													
	TOTAL	583	331	48.6	385.5	38.9	78.9	279.4	840.5	1 055.1	1 885.7	53.9	208.8	225.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	225	198	38.5	310.5	31.1	63.3	229.7	683.0	862.8	1 537.7	43.3	175.5	189.7
	CORPORATE OWNERSHIP OR CONTROL	224	197	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	358	133	10.0	75.0	7.8	15.6	49.6	157.4	192.3	348.0	10.6	33.3	35.5
	CORPORATE OWNERSHIP OR CONTROL	313	133	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	45	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	537	330	48.4	384.4	38.7	78.7	278.5	837.0	1 050.2	1 877.5	53.7	207.8	224.1
	NONCORPORATE, TOTAL	46	1	.2	1.1	.2	.3	.8	3.4	4.8	8.2	.2	.9	1.0
	INDIVIDUAL	28	1	.1	.7	.1	.1	.5	2.2	2.7	4.7	.1	.5	.6
	PARTNERSHIP	8	—	(Z)	.3	(Z)	.1	.2	.9	1.4	2.3	.1	.3	.3
	OTHER AND UNKNOWN	10	—	(Z)	.2	(Z)	.1	.2	.3	.8	1.1	(Z)	.1	.1
2645	DIE-CUT PAPER AND BOARD													
	TOTAL	374	159	15.2	132.5	11.8	23.7	90.5	301.6	375.7	676.3	10.6	56.9	57.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	126	98	10.8	96.5	8.3	16.8	66.6	241.7	315.4	556.3	6.9	46.2	46.5
	CORPORATE OWNERSHIP OR CONTROL	126	98	10.8	96.5	8.3	16.8	66.6	241.7	315.4	556.3	6.9	46.2	46.5
	SINGLE UNIT COMPANIES, TOTAL	248	61	4.4	35.9	3.6	6.9	24.0	59.9	60.3	120.0	3.7	10.7	11.3
	CORPORATE OWNERSHIP OR CONTROL	197	60	4.3	34.9	3.4	6.6	23.3	57.7	57.5	115.1	3.6	10.2	10.8
	NONCORPORATE OWNERSHIP	51	1	.2	1.0	.1	.3	.7	2.2	2.8	4.9	.1	.5	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	323	158	15.1	131.5	11.7	23.4	89.8	299.4	373.0	671.3	10.5	56.5	57.2
	NONCORPORATE, TOTAL	51	1	.2	1.0	.1	.3	.7	2.2	2.8	4.9	.1	.5	.5
	INDIVIDUAL	22	1	.1	.5	.1	.1	.3	1.2	1.6	2.8	.1	.3	.3
	PARTNERSHIP	14	—	(Z)	.3	(Z)	.1	.2	.5	.7	1.2	(Z)	.1	.1
	OTHER AND UNKNOWN	15	—	(Z)	.3	(Z)	.1	.2	.5	.5	.9	(Z)	.1	.1
2646	PRESSED AND MOLDED PULP GOODS													
	TOTAL	49	38	6.1	51.8	5.0	10.2	39.5	100.6	60.7	162.8	7.0	21.0	19.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	30	29	5.6	48.2	4.5	9.3	37.0	93.9	56.5	151.9	6.6	19.9	18.3
	CORPORATE OWNERSHIP OR CONTROL	30	29	5.6	48.2	4.5	9.3	37.0	93.9	56.5	151.9	6.6	19.9	18.3
	SINGLE UNIT COMPANIES, TOTAL	19	9	.5	3.6	.4	.6	2.6	6.7	4.3	11.0	.4	1.1	1.0
	CORPORATE OWNERSHIP OR CONTROL	15	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	45	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	4	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2647	SANITARY PAPER PRODUCTS													
	TOTAL	106	85	26.3	256.1	21.8	43.6	197.2	882.8	1 197.8	2 071.8	119.6	139.9	155.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	74	69	25.4	251.0	21.0	42.3	193.4	871.1	1 180.4	2 042.6	119.0	137.5	152.6
	CORPORATE OWNERSHIP OR CONTROL	73	68	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	34	16	.8	5.2	.7	1.3	3.7	11.7	17.4	29.2	.6	2.5	2.4
	CORPORATE OWNERSHIP OR CONTROL	33	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	106	84	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2648	STATIONERY PRODUCTS													
	TOTAL	431	131	14.7	106.3	11.5	22.3	72.6	225.6	230.5	450.5	9.3	81.5	88.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	78	68	10.2	75.9	7.9	15.4	52.7	160.6	173.9	329.5	5.1	64.6	70.9
	CORPORATE OWNERSHIP OR CONTROL	76	68	10.2	75.9	7.9	15.4	52.7	160.6	173.9	329.5	5.1	64.6	70.9
	SINGLE UNIT COMPANIES, TOTAL	353	63	4.6	30.4	3.6	7.0	19.9	65.0	56.6	121.0	4.2	16.9	17.6
	CORPORATE OWNERSHIP OR CONTROL	281	61	4.2	27.4	3.3	6.3	17.9	58.7	49.8	107.9	3.9	14.8	15.5
	NONCORPORATE OWNERSHIP	72	2	.4	3.0	.4	.7	2.1	6.3	6.8	13.1	.3	2.1	2.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	359	129	14.3	103.3	11.1	21.7	70.5	219.2	223.8	437.3	9.0	79.4	86.3
	NONCORPORATE, TOTAL	72	2	.4	3.0	.4	.7	2.1	6.3	6.8	13.1	.3	2.1	2.1
	INDIVIDUAL	33	-	.1	.4	.1	.1	.3	1.3	1.2	2.5	.1	.4	.5
	PARTNERSHIP	20	2	.3	2.3	.3	.5	1.6	4.3	5.1	9.5	.2	1.4	1.5
	OTHER AND UNKNOWN	19	-	(Z)	.3	(Z)	.1	.2	.7	.5	1.1	(Z)	.2	.2
649	CONVERTED PAPER PRODUCTS, N.E.C.													
	TOTAL	307	181	18.1	136.6	14.0	27.6	88.8	325.6	307.7	630.6	18.5	90.0	96.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	108	83	11.8	91.2	9.2	18.4	60.2	234.1	230.7	463.8	13.8	69.5	73.6
	CORPORATE OWNERSHIP OR CONTROL	108	83	11.8	91.2	9.2	18.4	60.2	234.1	230.7	463.8	13.8	69.5	73.6
	SINGLE UNIT COMPANIES, TOTAL	199	98	6.2	45.4	4.8	9.1	28.6	91.5	77.0	166.8	4.8	20.5	23.2
	CORPORATE OWNERSHIP OR CONTROL	184	92	5.9	44.1	4.5	8.6	27.6	89.1	75.0	162.5	4.3	19.8	22.3
	NONCORPORATE OWNERSHIP	15	6	.3	1.3	.3	.5	1.0	2.4	2.0	4.3	.4	.7	.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	292	175	17.8	135.2	13.7	27.1	87.8	323.2	305.8	626.3	18.1	89.3	96.0
	NONCORPORATE, TOTAL	15	6	.3	1.3	.3	.5	1.0	2.4	2.0	4.3	.4	.7	.8
	INDIVIDUAL	7	3	.2	.8	.2	.3	.6	1.2	.9	2.0	(D)	.5	.6
	PARTNERSHIP	5	3	.1	.5	.1	.1	.4	1.2	1.0	2.2	.4	.2	.3
	OTHER AND UNKNOWN	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(D)	(Z)	(Z)
551	FOLDING PAPERBOARD BOXES													
	TOTAL	544	376	45.3	398.1	36.5	73.4	285.9	739.7	762.3	1 487.0	37.4	198.1	219.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	208	195	32.3	290.4	25.9	52.8	210.7	545.6	604.8	1 137.4	25.8	158.7	176.4
	CORPORATE OWNERSHIP OR CONTROL	208	195	32.3	290.4	25.9	52.8	210.7	545.6	604.8	1 137.4	25.8	158.7	176.4
	SINGLE UNIT COMPANIES, TOTAL	336	181	13.0	107.7	10.6	20.6	75.2	194.1	157.5	349.6	11.6	39.4	42.9
	CORPORATE OWNERSHIP OR CONTROL	286	177	12.7	105.7	10.3	20.1	73.7	189.9	153.6	341.6	11.3	38.5	42.0
	NONCORPORATE OWNERSHIP	50	4	.3	2.0	.3	.5	1.5	4.2	3.8	8.0	.2	.9	1.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	494	372	45.0	396.0	36.2	72.9	284.4	735.5	758.4	1 479.0	37.1	197.2	218.3
	NONCORPORATE, TOTAL	50	4	.3	2.0	.3	.5	1.5	4.2	3.8	8.0	.2	.9	1.0
	INDIVIDUAL	18	-	.1	.3	(Z)	.1	.2	.7	.7	1.4	(Z)	.2	.2
	PARTNERSHIP	16	4	.2	1.1	.1	.3	.8	2.3	2.1	4.4	.1	.4	.4
	OTHER AND UNKNOWN	10	-	.1	.6	.1	.1	.4	1.2	1.1	2.2	.1	.3	.3
652	SETUP PAPERBOARD BOXES													
	TOTAL	397	269	18.1	111.6	15.5	29.2	80.9	195.9	127.4	321.3	6.4	38.0	41.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	90	77	6.4	40.8	5.5	10.8	30.4	75.5	53.5	128.1	2.4	18.4	20.0
	CORPORATE OWNERSHIP OR CONTROL	90	77	6.4	40.8	5.5	10.8	30.4	75.5	53.5	128.1	2.4	18.4	20.0
	SINGLE UNIT COMPANIES, TOTAL	307	192	11.6	70.7	10.0	18.5	50.5	120.4	73.9	193.2	4.1	19.6	21.6
	CORPORATE OWNERSHIP OR CONTROL	273	186	11.2	68.6	9.7	17.8	48.9	116.5	71.4	188.8	3.9	19.0	21.0
	NONCORPORATE OWNERSHIP	34	6	.4	2.1	.4	.6	1.6	3.9	2.5	6.5	.1	.6	.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	363	263	17.7	109.5	15.2	28.6	79.3	192.0	124.9	314.9	6.3	37.4	41.0
	NONCORPORATE, TOTAL	34	6	.4	2.1	.4	.6	1.6	3.9	2.5	6.5	.1	.6	.7
	INDIVIDUAL	10	1	.1	.3	.1	.1	.2	.8	.4	1.2	(Z)	.1	.1
	PARTNERSHIP	13	5	.3	1.3	.2	.4	1.0	2.3	1.5	3.8	.1	.5	.5
	OTHER AND UNKNOWN	11	-	.1	.4	.1	.1	.4	.9	.6	1.5	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2653	CORRUGATED AND SOLID FIBER BOXES													
	TOTAL	1 265	959	107.9	976.3	80.6	165.9	643.0	1 736.9	2 573.4	4 308.8	101.5	329.5	349.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	692	658	86.3	793.7	64.5	133.1	524.5	1 393.6	2 161.6	3 555.3	79.4	289.1	303.5
	CORPORATE OWNERSHIP OR CONTROL	692	658	86.3	793.7	64.5	133.1	524.5	1 393.6	2 161.6	3 555.3	79.4	289.1	303.5
	SINGLE UNIT COMPANIES, TOTAL	573	301	21.0	182.6	16.2	32.8	113.6	343.3	411.8	753.5	22.1	40.5	46.3
	CORPORATE OWNERSHIP OR CONTROL	519	299	21.3	180.7	16.0	32.4	112.3	339.3	405.5	743.0	20.7	39.3	45.1
	NONCORPORATE OWNERSHIP	54	2	.3	1.9	.2	.4	1.2	4.1	6.4	10.5	1.2	1.2	1.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 211	957	107.6	974.4	80.4	165.5	641.8	1 732.9	2 567.1	4 298.3	100.7	328.4	348.5
	NONCORPORATE, TOTAL	54	2	.3	1.9	.2	.4	1.2	4.1	6.4	10.5	1.2	1.2	1.2
	INDIVIDUAL	19	-	.1	.4	(Z)	.1	.3	.8	1.1	1.9	(D)	.2	.2
	PARTNERSHIP	19	2	.1	1.0	.1	.2	.6	2.1	3.8	6.0	(D)	.8	.8
	OTHER AND UNKNOWN	16	-	.1	.5	.1	.1	.3	1.2	1.5	2.6	.1	.2	.2
2654	SANITARY FOOD CONTAINERS													
	TOTAL	251	193	35.1	277.7	27.9	56.7	203.0	659.8	767.1	1 419.7	42.3	228.6	234.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	130	124	29.9	236.7	23.6	48.1	173.7	579.8	686.9	1 260.1	36.0	209.9	214.2
	CORPORATE OWNERSHIP OR CONTROL	130	124	29.9	236.7	23.6	48.1	173.7	579.8	686.9	1 260.1	36.0	209.9	214.2
	SINGLE UNIT COMPANIES, TOTAL	121	69	5.1	41.1	4.2	8.6	29.2	80.0	80.2	159.6	6.4	18.7	20.0
	CORPORATE OWNERSHIP OR CONTROL	115	60	5.1	40.8	4.2	8.5	29.0	79.1	79.4	157.6	6.4	18.6	19.0
	NONCORPORATE OWNERSHIP	6	1	(Z)	.3	(Z)	.1	.3	.9	.6	1.7	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	245	192	35.0	277.4	27.8	56.7	202.7	658.9	766.3	1 417.9	42.3	228.4	234.0
	NONCORPORATE, TOTAL	6	1	(Z)	.3	(Z)	.1	.3	.9	.8	1.7	(Z)	.2	.2
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2655	FIBER CANS, DRUMS, SIMILAR PRODUCTS													
	TOTAL	282	182	17.3	143.3	14.4	29.6	106.1	266.4	303.6	568.0	17.9	55.9	59.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	152	129	13.1	115.6	10.8	22.8	86.5	213.2	268.8	480.1	15.8	49.2	52.6
	CORPORATE OWNERSHIP OR CONTROL	149	127	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	130	53	4.2	27.7	3.6	6.8	19.5	53.2	34.7	87.9	2.1	6.6	7.0
	CORPORATE OWNERSHIP OR CONTROL	115	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	15	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	264	180	17.2	142.2	14.2	29.3	105.2	264.2	301.5	563.7	17.7	55.4	59.2
	NONCORPORATE, TOTAL	18	2	.1	1.1	.1	.2	.8	2.1	2.1	4.3	.2	.4	.4
	INDIVIDUAL	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	8	2	.1	.9	.1	.2	.7	1.6	1.8	3.4	.2	.3	.3
	OTHER AND UNKNOWN	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2661	BUILDING PAPER AND BOARD MILLS													
	TOTAL	92	74	11.6	111.6	9.9	21.4	91.4	246.5	211.8	456.2	18.0	35.1	36.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	71	69	11.4	109.6	9.7	21.0	89.9	242.8	208.6	440.3	18.1	34.5	35.9
	CORPORATE OWNERSHIP OR CONTROL	70	68	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	21	5	.2	2.0	.2	.4	1.5	3.7	3.1	6.8	.6	.6	.5
	CORPORATE OWNERSHIP OR CONTROL	16	5	.2	1.8	.2	.3	1.4	3.4	2.9	6.4	(D)	.6	.5
	NONCORPORATE OWNERSHIP	5	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.5	(D)	(Z)	(Z)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	86	73	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
27	PRINTING AND PUBLISHING													
	TOTAL	42 103	8 619	1 056.5	9 831.2	637.6	1 181.1	5 462.6	20 209.5	10 044.3	30 146.4	1 047.7	2 248.3	2 340.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	3 890	2 905	566.0	5 912.3	325.7	614.0	3 077.8	12 817.1	6 541.3	19 275.7	643.1	1 618.0	1 670.9
	CORPORATE OWNERSHIP OR CONTROL	3 805	2 870	590.0	5 861.5	323.8	611.4	3 063.0	12 733.2	6 492.2	19 143.3	641.6	1 598.2	1 650.9
	NONCORPORATE OWNERSHIP	85	35	6.0	50.8	1.8	3.5	14.9	83.9	49.0	132.5	1.5	19.8	20.1
	SINGLE UNIT COMPANIES, TOTAL	38 213	5 714	460.5	3 919.0	311.9	566.2	2 384.8	7 392.4	3 503.1	10 870.7	404.6	630.5	669.4
	CORPORATE OWNERSHIP OR CONTROL	23 365	5 433	412.5	3 571.1	275.1	504.9	2 157.4	6 560.9	3 101.0	9 638.6	357.2	552.9	590.3
	NONCORPORATE OWNERSHIP	14 848	281	47.9	347.8	36.8	61.3	227.4	831.6	402.1	1 232.1	47.3	77.5	79.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	27 170	8 303	1 002.5	9 432.6	598.0	1 116.3	5 220.4	10 294.1	5 593.3	28 781.8	998.0	2 151.1	2 241.2
	NONCORPORATE, TOTAL	14 933	316	53.9	398.6	38.7	64.8	242.3	915.5	451.1	1 364.6	48.8	97.3	99.1
	INDIVIDUAL	7 438	166	27.7	204.0	19.4	32.3	119.8	471.1	241.2	711.3	24.9	57.7	58.7
	PARTNERSHIP	2 757	149	14.8	110.5	10.6	18.3	71.9	253.0	113.1	365.4	13.2	20.7	21.4
	OTHER AND UNKNOWN	4 738	1	11.4	84.1	8.6	14.2	50.6	191.3	96.8	287.9	10.7	18.8	19.0

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2711	NEWSPAPER													
	TOTAL	8 116	2 119	348.5	3 168.1	169.7	298.4	1 536.8	6 219.9	2 043.5	8 262.8	359.5	169.3	152.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	1 022	860	230.0	2 297.0	106.1	188.4	1 111.3	4 502.0	1 546.3	6 047.9	255.1	127.3	111.5
	CORPORATE OWNERSHIP OR CONTROL	994	846	229.0	2 289.9	105.6	187.5	1 107.5	4 480.5	1 539.7	6 019.7	254.4	126.0	110.4
	NONCORPORATE OWNERSHIP	28	14	1.0	7.0	.5	1.0	3.8	21.5	6.6	28.3	.7	1.3	1.2
	SINGLE UNIT COMPANIES, TOTAL	7 094	1 259	118.6	871.1	63.5	110.0	425.5	1 717.9	497.2	2 214.8	104.4	41.9	40.9
	CORPORATE OWNERSHIP OR CONTROL	3 906	1 178	105.2	792.4	55.0	96.4	385.5	1 525.3	438.2	1 963.2	93.8	36.4	35.2
	NONCORPORATE OWNERSHIP	3 188	81	13.3	78.7	8.6	13.6	40.0	192.6	59.0	251.6	10.6	5.6	5.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	4 900	2 024	334.2	3 082.4	160.6	283.9	1 493.0	6 005.8	1 977.9	7 982.9	348.2	162.3	145.6
	NONCORPORATE, TOTAL	3 216	95	14.3	85.7	9.1	14.6	43.8	214.2	65.6	279.9	11.3	6.9	6.9
	INDIVIDUAL	1 467	46	6.0	34.9	4.0	6.3	18.4	98.3	31.3	129.7	4.9	3.7	3.7
	PARTNERSHIP	558	49	4.9	30.6	2.8	4.7	15.9	68.2	18.2	86.4	3.8	1.7	1.7
	OTHER AND UNKNOWN	1 191	-	3.5	20.3	2.3	3.5	9.5	47.6	16.1	63.7	2.6	1.5	1.5
2721	PERIODICALS													
	TOTAL	2 534	452	66.5	708.5	11.1	21.1	84.6	2 109.9	1 404.2	3 510.6	56.8	194.1	197.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	243	143	40.6	474.4	4.1	8.3	35.2	1 530.2	1 069.6	2 598.1	41.9	148.9	149.1
	CORPORATE OWNERSHIP OR CONTROL	237	139	38.1	451.8	3.7	7.8	33.2	1 497.9	1 050.9	2 547.2	41.7	143.6	144.1
	NONCORPORATE OWNERSHIP	6	4	2.5	22.6	.3	.6	2.0	32.3	18.7	50.9	.2	5.2	5.0
	SINGLE UNIT COMPANIES, TOTAL	2 291	309	25.8	234.1	7.1	12.8	49.4	579.7	334.6	912.5	14.9	45.2	48.1
	CORPORATE OWNERSHIP OR CONTROL	1 648	284	23.0	210.5	6.1	11.2	42.7	516.6	300.5	815.1	13.4	37.6	40.6
	NONCORPORATE OWNERSHIP	643	20	2.9	23.6	1.0	1.6	6.7	63.1	34.1	97.3	1.5	7.6	7.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 885	428	61.1	662.2	9.8	18.9	75.8	2 014.5	1 351.3	3 362.4	55.1	181.3	184.7
	NONCORPORATE, TOTAL	649	24	5.4	46.2	1.3	2.2	8.8	95.4	52.8	148.2	1.7	12.8	12.5
	INDIVIDUAL	217	15	3.7	32.4	.8	1.4	5.9	56.8	31.1	87.9	.9	10.2	9.8
	PARTNERSHIP	89	8	.6	5.6	.2	.3	1.4	16.4	7.6	24.0	.3	.5	.6
	OTHER AND UNKNOWN	343	1	1.0	8.2	.3	.5	1.4	22.2	14.2	36.3	.5	2.1	2.2
2731	BOOK PUBLISHING													
	TOTAL	1 205	307	57.1	557.7	16.2	31.4	128.6	1 935.8	959.9	2 856.8	48.4	601.6	629.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	222	162	42.3	438.1	10.1	20.6	89.5	1 557.4	777.8	2 306.7	37.3	499.2	518.0
	CORPORATE OWNERSHIP OR CONTROL	211	153	40.9	427.4	9.9	20.0	87.5	1 541.6	764.6	2 278.3	37.0	489.2	507.5
	NONCORPORATE OWNERSHIP	11	9	1.4	10.8	.3	.5	2.0	15.8	13.2	28.4	.2	10.0	10.6
	SINGLE UNIT COMPANIES, TOTAL	983	145	14.8	119.5	6.1	10.9	39.1	378.4	182.1	550.1	11.2	102.3	111.3
	CORPORATE OWNERSHIP OR CONTROL	756	137	13.9	112.2	5.8	10.5	37.5	353.7	167.7	511.6	10.7	94.0	102.4
	NONCORPORATE OWNERSHIP	227	8	.9	7.3	.2	.4	1.6	24.7	14.4	38.5	.5	8.3	8.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	967	290	54.8	539.6	15.7	30.5	125.0	1 895.3	932.3	2 789.9	47.7	583.2	609.9
	NONCORPORATE, TOTAL	238	17	2.3	18.1	.5	.9	3.6	40.5	27.7	66.9	.7	18.3	19.5
	INDIVIDUAL	94	12	1.6	12.6	.4	.7	2.8	22.0	16.9	38.4	.4	11.7	12.2
	PARTNERSHIP	35	5	.4	2.9	.1	.1	.3	9.4	6.2	15.1	.1	3.4	4.0
	OTHER AND UNKNOWN	109	-	.3	2.6	.1	.1	.5	9.1	4.5	13.5	.2	3.2	3.3
2732	BOOK PRINTING													
	TOTAL	700	287	40.9	361.2	33.0	64.5	269.0	604.5	332.4	937.7	33.9	95.4	99.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	96	82	26.7	230.9	21.7	43.0	176.4	382.6	212.5	596.9	20.4	71.0	74.1
	CORPORATE OWNERSHIP OR CONTROL	96	82	26.7	230.9	21.7	43.0	176.4	382.6	212.5	596.9	20.4	71.0	74.1
	SINGLE UNIT COMPANIES, TOTAL	604	205	14.2	130.3	11.3	21.5	92.7	221.9	120.0	340.8	13.5	24.3	25.3
	CORPORATE OWNERSHIP OR CONTROL	489	198	13.5	124.7	10.6	20.5	88.2	210.8	114.1	323.9	12.9	23.2	24.2
	NONCORPORATE OWNERSHIP	115	7	.8	5.6	.7	1.1	4.4	11.2	5.9	16.9	.7	1.1	1.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	585	280	40.2	355.6	32.4	63.5	264.6	593.4	326.5	920.7	33.2	94.3	98.3
	NONCORPORATE, TOTAL	115	7	.8	5.6	.7	1.1	4.4	11.2	5.9	16.9	.7	1.1	1.1
	INDIVIDUAL	60	3	.4	2.6	.4	.5	2.2	5.4	2.4	7.7	.4	.5	.4
	PARTNERSHIP	18	4	.2	1.8	.2	.3	1.2	3.5	2.3	5.7	.1	.5	.5
	OTHER AND UNKNOWN	37	-	.2	1.2	.1	.2	1.0	2.3	1.2	3.5	.2	.2	.2
2741	MISCELLANEOUS PUBLISHING													
	TOTAL	2 041	272	38.8	331.2	19.1	31.7	135.0	775.8	296.1	1 070.2	22.7	64.3	68.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	211	110	25.8	231.9	10.3	17.9	80.3	531.4	216.3	746.4	12.9	46.7	49.9
	CORPORATE OWNERSHIP OR CONTROL	204	108	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	7	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 830	162	13.0	99.3	8.8	13.8	54.7	244.4	79.8	323.8	9.8	17.6	18.2
	CORPORATE OWNERSHIP OR CONTROL	1 312	147	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	518	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 516	255	36.8	316.8	17.6	29.5	126.5	736.7	284.0	1 018.8	21.3	59.2	63.0
	NONCORPORATE, TOTAL	525	17	2.0	14.4	1.5	2.2	8.5	39.1	12.0	51.3	1.4	5.0	5.0
	INDIVIDUAL	254	10	1.2	8.0	.8	1.1	4.4	21.1	7.4	28.9	.7	3.6	3.5
	PARTNERSHIP	84	7	.5	3.5	.3	.6	2.2	10.2	2.7	17.8	.4	.8	.9
	OTHER AND UNKNOWN	182	-	.4	2.8	.3	.5	1.9	7.7	2.0	9.7	.3	.7	.7

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2751	COMMERCIAL PRINTING, LETTERPRESS													
	TOTAL	13 199	1 172	133.5	1 176.0	104.2	101.6	817.0	115.4	1 303.1	835.8	1 10.7	252.0	252.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	508	325	51.3	497.5	40.3	76.9	365.3	844.0	579.2	1 414.2	44.0	124.0	130.2
	CORPORATE OWNERSHIP OR CONTROL	494	324	51.2	496.6	40.2	76.7	364.6	842.5	578.0	1 397.6	44.0	123.7	129.9
	NONCORPORATE OWNERSHIP	14	1	.1	.9	.1	.2	.7	1.5	1.2	7.7	(2)	.3	.3
	SINGLE UNIT COMPANIES, TOTAL	12 691	847	79.2	678.5	63.9	114.7	451.7	1 171.4	723.9	1 891.7	65.7	127.9	128.6
	CORPORATE OWNERSHIP OR CONTROL	6 406	795	64.7	530.1	50.8	92.6	370.0	915.2	563.1	1 475.6	65.3	97.5	101.0
	NONCORPORATE OWNERSHIP	6 285	52	14.5	108.3	13.1	22.2	81.7	255.5	160.8	415.9	20.4	30.4	27.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	6 900	1 119	115.8	1 026.7	91.0	169.2	734.6	1 758.4	1 141.1	2 327.2	109.2	221.2	231.6
	NONCORPORATE, TOTAL	6 299	53	14.7	109.3	13.2	22.4	82.4	257.0	162.0	415.6	20.7	30.7	31.1
	INDIVIDUAL	3 207	31	7.5	55.4	6.8	11.4	41.8	137.2	85.9	222.7	11.1	16.7	17.1
	PARTNERSHIP	1 175	22	3.4	25.4	3.0	5.1	19.5	59.8	37.6	97.3	4.0	6.7	6.7
	OTHER AND UNKNOWN	1 917	-	3.7	28.4	3.4	5.8	21.1	60.1	38.5	98.6	4.8	7.4	7.3
2752	COMMERCIAL PRINTING, LITHOGRAPHIC													
	TOTAL	8 383	2 135	184.0	1 835.3	134.0	264.2	1 266.2	3 155.1	1 992.7	5 124.8	220.0	339.7	373.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	728	527	71.5	747.3	53.9	104.4	528.1	1 315.6	873.6	2 174.4	108.3	180.8	196.2
	CORPORATE OWNERSHIP OR CONTROL	716	523	71.0	741.8	53.5	103.6	523.7	1 307.3	868.2	2 160.9	108.2	180.2	195.7
	NONCORPORATE OWNERSHIP	12	4	.5	5.5	.4	.8	4.4	8.3	5.4	13.5	.1	.6	.8
	SINGLE UNIT COMPANIES, TOTAL	7 660	1 608	112.5	1 088.0	80.7	159.8	738.1	1 839.5	1 119.1	2 950.4	112.2	158.8	177.3
	CORPORATE OWNERSHIP OR CONTROL	5 238	1 551	104.2	1 018.7	78.7	147.8	686.9	1 685.6	1 024.8	2 702.5	103.4	144.1	162.2
	NONCORPORATE OWNERSHIP	2 422	57	8.3	69.4	7.0	12.0	51.2	153.8	94.3	248.0	8.9	14.8	15.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	5 954	2 074	175.2	1 760.4	132.2	251.4	1 210.6	2 993.0	1 892.9	4 863.3	211.3	324.3	357.6
	NONCORPORATE, TOTAL	2 434	61	8.8	74.9	7.4	12.7	55.6	162.1	99.7	261.5	9.0	13.3	15.4
	INDIVIDUAL	1 357	29	4.6	38.1	3.9	6.6	28.4	84.2	53.2	137.2	4.8	7.8	7.1
	PARTNERSHIP	481	32	2.9	25.0	2.3	4.1	18.8	53.1	30.7	83.8	2.6	5.1	5.2
	OTHER AND UNKNOWN	596	-	1.4	11.8	1.2	2.0	8.4	24.8	15.8	40.5	1.6	2.5	2.5
2753	ENGRAVING AND PLATE PRINTING													
	TOTAL	560	132	9.6	80.7	7.5	14.4	58.1	152.4	49.6	201.6	5.1	13.1	12.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	56	40	3.8	34.1	2.9	5.5	25.2	69.3	21.8	90.8	2.1	8.9	8.0
	CORPORATE OWNERSHIP OR CONTROL	55	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	504	92	5.8	46.5	4.6	8.9	32.8	83.1	27.8	110.8	3.0	4.2	4.3
	CORPORATE OWNERSHIP OR CONTROL	338	91	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	166	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	393	131	9.0	77.1	7.0	13.6	55.2	142.8	46.9	189.4	4.6	12.7	11.9
	NONCORPORATE, TOTAL	167	1	.5	3.6	.5	.8	2.9	9.5	2.6	12.2	.4	.4	.4
	INDIVIDUAL	96	1	.3	2.1	.3	.5	1.7	5.8	1.6	7.4	.3	.2	.3
	PARTNERSHIP	30	-	.1	.7	.1	.2	.6	2.0	.5	2.6	.1	.1	.1
	OTHER AND UNKNOWN	41	-	.1	.8	.1	.2	.6	1.7	.5	2.2	.1	.1	.1
2754	COMMERCIAL PRINTING, GRAVURE													
	TOTAL	135	88	20.0	225.4	17.0	32.8	182.3	372.2	326.2	697.6	22.5	51.2	51.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	67	64	18.0	206.0	15.3	29.7	168.2	338.9	296.9	635.2	19.5	47.2	47.2
	CORPORATE OWNERSHIP OR CONTROL	67	64	18.0	206.0	15.3	29.7	168.2	338.9	296.9	635.2	19.5	47.2	47.2
	NONCORPORATE OWNERSHIP	68	24	2.1	19.5	1.7	3.2	14.0	33.3	29.3	62.4	3.0	4.0	4.5
	SINGLE UNIT COMPANIES, TOTAL	68	24	2.0	19.2	1.7	3.1	13.8	32.8	29.1	61.7	2.9	4.0	4.4
	CORPORATE OWNERSHIP OR CONTROL	64	24	(Z)	.3	(Z)	(Z)	.2	.5	.2	.7	(Z)	(Z)	(Z)
	NONCORPORATE OWNERSHIP	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	131	88	20.0	225.2	16.9	32.8	182.1	371.7	326.0	696.9	22.5	51.2	51.6
	NONCORPORATE, TOTAL	4	-	(Z)	.3	(Z)	(Z)	.2	.5	.2	.7	(Z)	(Z)	(Z)
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2761	MANIFOLD BUSINESS FORMS													
	TOTAL	667	376	38.6	343.6	28.8	58.6	235.2	823.6	612.3	1 429.7	45.8	132.4	143.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	234	210	28.9	259.7	21.5	44.4	180.1	679.1	498.2	1 172.3	35.0	113.0	122.6
	CORPORATE OWNERSHIP OR CONTROL	233	210	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	433	166	9.7	83.9	7.2	14.3	55.0	144.4	114.0	257.4	10.8	19.4	21.2
	CORPORATE OWNERSHIP OR CONTROL	365	160	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	68	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	598	370	38.2	340.2	28.4	57.9	232.5	816.5	606.9	1 417.4	45.4	131.4	142.6
	NONCORPORATE, TOTAL	69	6	.5	3.4	.4	.7	2.7	7.0	5.4	12.3	.4	1.0	1.2
	INDIVIDUAL	40	5	.4	2.3	.3	.5	1.9	4.7	3.9	8.4	.3	.7	.9
	PARTNERSHIP	12	1	.1	.5	.1	.1	.4	1.2	.8	1.9	.1	.1	.1
	OTHER AND UNKNOWN	17	-	.1	.5	.1	.1	.4	1.2	.8	2.0	.1	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2771	GREETING CARD PUBLISHING													
	TOTAL	199	82	23.5	191.5	12.4	24.1	93.9	527.0	261.4	774.4	46.4	185.3	190.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	43	35	18.7	157.0	8.9	17.5	71.5	443.9	216.3	644.7	42.0	163.6	170.1
	CORPORATE OWNERSHIP OR CONTROL	43	35	18.7	157.0	8.9	17.5	71.5	443.9	216.3	644.7	42.0	163.6	170.1
	SINGLE UNIT COMPANIES, TOTAL	156	47	4.8	34.5	3.5	6.6	22.3	83.1	45.1	129.7	4.5	21.6	20.5
	CORPORATE OWNERSHIP OR CONTROL	115	45	4.6	33.3	3.3	6.4	21.6	79.8	42.8	124.1	4.4	20.5	19.5
	NONCORPORATE OWNERSHIP	41	2	.2	1.2	.1	.2	.7	3.3	2.3	5.6	.1	1.1	1.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	158	80	23.3	190.3	12.3	23.9	93.2	523.7	259.1	768.9	46.4	184.2	189.6
	NONCORPORATE, TOTAL	41	2	.2	1.2	.1	.2	.7	3.3	2.3	5.6	.1	1.1	1.0
	INDIVIDUAL	19	-	.1	.4	(Z)	.1	.3	1.4	.6	2.0	(Z)	.5	.5
	PARTNERSHIP	11	2	.1	.4	.1	.1	.2	.9	.9	1.7	(Z)	.2	.1
	OTHER AND UNKNOWN	11	-	.1	.5	(Z)	.1	.3	1.0	.8	1.8	(Z)	.4	.4
2782	BLANKBOOKS AND LOOSELEAF BINDERS													
	TOTAL	461	240	26.6	192.7	22.0	43.2	139.8	390.6	206.3	591.1	14.4	72.6	79.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	139	123	18.1	136.0	14.9	29.6	100.7	287.1	138.6	421.8	11.2	55.6	59.7
	CORPORATE OWNERSHIP OR CONTROL	138	123	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	322	117	8.6	56.7	7.1	13.6	39.2	103.5	67.7	169.3	3.2	17.0	19.9
	CORPORATE OWNERSHIP OR CONTROL	251	113	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	71	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	389	236	26.2	189.9	21.5	42.4	137.6	383.9	202.9	581.0	14.3	71.6	78.5
	NONCORPORATE, TOTAL	72	4	.5	2.9	.4	.8	2.2	6.7	3.3	10.0	.2	1.1	1.1
	INDIVIDUAL	42	3	.2	1.1	.1	.3	.8	3.1	1.6	4.7	.1	.5	.5
	PARTNERSHIP	13	1	.3	1.4	.2	.4	1.1	2.8	1.1	3.9	(Z)	.4	.4
	OTHER AND UNKNOWN	17	-	.1	.4	.1	.1	.3	.9	.6	1.5	(Z)	.1	.1
2789	BOOKBINDING AND RELATED WORK													
	TOTAL	1 004	301	25.1	178.9	22.0	40.5	139.1	296.2	78.3	377.2	11.2	26.2	25.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	68	52	6.5	45.6	5.7	10.9	36.0	79.6	24.6	103.1	2.9	6.9	8.4
	CORPORATE OWNERSHIP OR CONTROL	68	52	6.5	45.6	5.7	10.9	36.0	79.6	24.6	103.1	2.9	6.9	8.4
	SINGLE UNIT COMPANIES, TOTAL	936	249	18.6	133.3	16.3	29.5	103.1	216.6	53.7	274.0	8.3	19.3	16.7
	CORPORATE OWNERSHIP OR CONTROL	603	232	17.0	122.4	14.8	26.8	94.2	195.2	49.5	248.5	7.5	18.2	15.7
	NONCORPORATE OWNERSHIP	333	17	1.6	10.9	1.5	2.7	8.9	21.4	4.2	25.6	.8	1.0	1.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	671	284	23.4	168.0	20.5	37.7	130.2	274.8	74.1	351.6	10.4	25.1	24.1
	NONCORPORATE, TOTAL	333	17	1.6	10.9	1.5	2.7	8.9	21.4	4.2	25.6	.8	1.0	1.0
	INDIVIDUAL	187	7	.8	4.8	.8	1.3	4.0	10.4	2.3	12.7	.4	.6	.6
	PARTNERSHIP	76	10	.7	4.8	.6	1.1	3.8	8.5	1.4	9.9	.3	.3	.3
	OTHER AND UNKNOWN	70	-	.2	1.3	.2	.4	1.1	2.5	.5	3.0	.1	.2	.2
2791	TYPESETTING													
	TOTAL	1 887	373	26.0	269.8	21.1	38.1	205.9	426.0	58.1	482.8	14.2	24.6	25.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	123	87	6.5	65.9	5.3	8.8	49.9	103.5	15.3	118.3	3.3	7.9	8.0
	CORPORATE OWNERSHIP OR CONTROL	119	86	6.4	65.5	5.3	8.8	49.6	102.8	15.2	117.5	3.2	7.9	8.0
	NONCORPORATE OWNERSHIP	4	1	.1	.4	(Z)	.1	.3	.7	.1	.8	(Z)	(Z)	(Z)
	SINGLE UNIT COMPANIES, TOTAL	1 764	286	19.6	203.9	15.8	29.3	156.0	322.5	42.8	364.6	11.0	16.7	17.4
	CORPORATE OWNERSHIP OR CONTROL	1 157	279	18.0	188.7	14.3	26.9	143.6	290.3	38.9	328.5	10.0	15.0	15.7
	NONCORPORATE OWNERSHIP	607	7	1.6	15.2	1.4	2.4	12.3	32.2	3.9	36.0	1.0	1.6	1.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 276	365	24.4	254.2	19.6	35.7	193.3	393.1	54.1	446.0	13.2	22.9	23.7
	NONCORPORATE, TOTAL	611	8	1.7	15.6	1.5	2.5	12.6	32.9	4.0	36.9	1.0	1.6	1.6
	INDIVIDUAL	326	4	.8	7.3	.7	1.2	5.8	16.1	2.0	18.1	.4	.9	.9
	PARTNERSHIP	113	4	.4	4.2	.4	.6	3.5	9.3	1.1	10.4	.4	.4	.4
	OTHER AND UNKNOWN	172	-	.4	4.1	.4	.6	3.3	7.5	.9	8.3	.2	.3	.3
2793	PHOTOENGRAVING													
	TOTAL	590	135	9.9	119.3	6.6	12.5	81.0	191.7	38.9	229.7	5.4	6.4	8.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	46	31	2.5	34.9	1.7	3.6	24.6	56.5	10.8	66.4	1.3	2.3	3.3
	CORPORATE OWNERSHIP OR CONTROL	46	31	2.5	34.9	1.7	3.6	24.6	56.5	10.8	66.4	1.3	2.3	3.3
	SINGLE UNIT COMPANIES, TOTAL	544	104	7.4	84.4	4.9	8.9	56.4	135.2	28.1	163.3	4.1	4.1	4.8
	CORPORATE OWNERSHIP OR CONTROL	412	102	6.9	80.5	4.5	8.4	53.6	125.3	26.3	151.6	3.7	3.7	4.4
	NONCORPORATE OWNERSHIP	132	2	.4	4.0	.3	.5	2.8	9.9	1.8	11.7	.4	.4	.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	458	133	9.5	115.3	6.3	12.0	78.1	181.8	37.1	218.0	5.0	6.0	7.6
	NONCORPORATE, TOTAL	132	2	.4	4.0	.3	.5	2.8	9.9	1.8	11.7	.4	.4	.4
	INDIVIDUAL	60	-	.1	1.3	.1	.2	1.0	3.5	.6	4.1	.1	.1	.1
	PARTNERSHIP	42	2	.2	1.8	.2	.3	1.3	4.4	.9	5.3	.3	.2	.2
	OTHER AND UNKNOWN	30	-	.1	.8	.1	.1	.5	2.0	.3	2.3	.1	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2794	ELECTROTYPEING AND STEREOTYPEING													
	TOTAL	81	24	1.7	19.0	1.2	2.1	13.5	28.5	8.3	36.8	.5	1.4	1.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	25	15	1.1	12.7	.8	1.4	9.1	17.5	5.0	22.4	.4	1.0	.9
	CORPORATE OWNERSHIP OR CONTROL	25	15	1.1	12.7	.8	1.4	9.1	17.5	5.0	22.4	.4	1.0	.9
	SINGLE UNIT COMPANIES, TOTAL	56	9	.6	6.3	.4	.7	4.4	11.0	3.3	14.3	.1	.4	.5
	CORPORATE OWNERSHIP OR CONTROL	44	8	.5	5.7	.4	.6	3.9	9.3	2.8	12.1	.1	.3	.4
	NONCORPORATE OWNERSHIP	12	1	.1	.6	.1	.1	.5	1.7	.5	2.2	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	69	23	1.6	18.4	1.1	2.1	13.0	26.8	7.8	34.6	.4	1.2	1.3
	NONCORPORATE, TOTAL	12	1	.1	.6	.1	.1	.5	1.7	.5	2.2	(Z)	.2	.2
	INDIVIDUAL	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	6	1	(Z)	.4	(Z)	.1	.3	.7	.3	1.0	(Z)	.1	.1
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2795	LITHOGRAPHIC PLATEMAKING SERVICES													
	TOTAL	336	124	8.9	112.4	6.2	11.8	76.8	185.1	73.2	257.0	10.5	18.8	19.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	59	39	3.6	43.3	2.2	4.1	26.4	78.5	38.6	116.0	5.5	13.4	13.8
	CORPORATE OWNERSHIP OR CONTROL	59	39	3.6	43.3	2.2	4.1	26.4	78.5	38.6	116.0	5.5	13.4	13.8
	SINGLE UNIT COMPANIES, TOTAL	277	85	5.3	69.1	4.0	7.7	50.5	106.6	34.6	141.0	5.0	5.4	5.9
	CORPORATE OWNERSHIP OR CONTROL	261	84	5.1	67.1	3.8	7.4	48.8	103.5	33.6	136.9	4.8	5.3	5.8
	NONCORPORATE OWNERSHIP	16	1	.2	2.0	.2	.3	1.7	3.1	1.0	4.1	.1	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	320	123	8.7	110.4	6.1	11.5	75.1	182.0	72.2	252.9	10.4	18.8	19.5
	NONCORPORATE, TOTAL	16	1	.2	2.0	.2	.3	1.7	3.1	1.0	4.1	.1	.1	.1
	INDIVIDUAL	8	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	6	1	.1	1.4	.1	.2	1.2	2.1	.8	2.9	(Z)	.1	.1
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS													
	TOTAL	11 425	4 431	836.5	8 730.5	525.0	1 053.7	4 753.9	32 413.9	25 085.5	57 349.6	2 728.4	6 926.1	7 107.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	4 672	3 173	741.0	7 883.9	468.3	944.9	4 374.8	30 116.6	22 834.7	52 831.9	2 569.2	6 428.8	6 566.0
	CORPORATE OWNERSHIP OR CONTROL	4 642	3 162	738.1	7 854.1	466.2	940.2	4 354.4	30 031.2	22 690.2	52 593.9	2 550.2	6 393.4	6 540.0
	NONCORPORATE OWNERSHIP	30	11	2.9	29.8	2.1	4.7	20.4	85.4	144.5	237.9	19.0	35.4	28.0
	SINGLE UNIT COMPANIES, TOTAL	6 753	1 258	95.4	846.6	56.7	108.8	379.1	2 297.3	2 250.8	4 517.7	159.2	497.3	539.1
	CORPORATE OWNERSHIP OR CONTROL	5 843	1 241	92.2	821.5	54.5	104.9	366.1	2 185.2	2 137.7	4 293.0	153.7	473.1	515.8
	NONCORPORATE OWNERSHIP	910	17	3.2	25.1	2.2	4.0	13.0	112.2	113.1	224.8	5.6	24.1	23.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	10 485	4 403	830.3	8 675.6	520.7	1 045.1	4 720.6	32 216.4	24 828.0	56 886.9	2 703.9	6 866.5	7 055.8
	NONCORPORATE, TOTAL	940	28	6.1	54.9	4.3	8.7	33.3	197.6	257.6	462.7	24.5	59.5	51.3
	INDIVIDUAL	425	5	1.1	8.0	.8	1.4	4.3	29.2	25.4	54.5	1.6	6.4	6.6
	PARTNERSHIP	211	15	3.2	31.1	2.0	4.3	17.8	111.0	159.6	270.9	17.9	28.8	27.7
	OTHER AND UNKNOWN	304	8	1.9	15.7	1.5	3.0	11.3	57.3	72.6	137.4	5.1	24.3	17.1
2812	ALKALIES AND CHLORINE													
	TOTAL	48	39	13.3	152.0	9.6	18.9	102.6	455.6	365.5	823.2	61.5	68.4	60.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	40	37	13.3	151.1	9.5	18.9	102.3	453.9	362.6	818.8	(D)	68.1	60.2
	CORPORATE OWNERSHIP OR CONTROL	40	37	13.3	151.1	9.5	18.9	102.3	453.9	362.6	818.8	(D)	68.1	60.2
	SINGLE UNIT COMPANIES, TOTAL	8	2	.1	.9	(Z)	.1	.3	1.6	2.9	4.5	(D)	.3	.3
	CORPORATE OWNERSHIP OR CONTROL	5	2	.1	.8	(Z)	.1	.2	1.5	2.7	4.2	(D)	.3	.3
	NONCORPORATE OWNERSHIP	3	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	(D)	(Z)	(Z)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	45	39	13.3	151.9	9.6	18.9	102.6	455.4	365.3	822.9	61.5	68.4	60.4
	NONCORPORATE, TOTAL	3	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	(Z)	(Z)	(Z)
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2813	INDUSTRIAL GASES													
	TOTAL	503	138	9.6	87.2	5.4	10.6	48.3	466.7	214.9	679.3	84.1	29.9	32.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	439	124	8.6	78.8	5.0	9.7	44.6	426.7	194.3	619.0	81.2	27.2	29.9
	CORPORATE OWNERSHIP OR CONTROL	439	124	8.6	78.8	5.0	9.7	44.6	426.7	194.3	619.0	81.2	27.2	29.9
	SINGLE UNIT COMPANIES, TOTAL	64	14	1.0	8.5	.5	.9	3.7	40.0	20.6	60.4	2.9	2.7	2.8
	CORPORATE OWNERSHIP OR CONTROL	57	14	1.0	8.4	.5	.9	3.6	39.7	20.4	59.8	2.9	2.5	2.8
	NONCORPORATE OWNERSHIP	7	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.6	(Z)	.2	(Z)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	496	138	9.6	87.1	5.4	10.6	48.3	466.4	214.7	678.8	84.1	29.7	32.7
	NONCORPORATE, TOTAL	7	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.6	(Z)	.2	(Z)
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2816	INORGANIC PIGMENTS													
	TOTAL	114	69	12.8	134.6	9.0	18.3	87.8	382.6	394.9	796.9	38.9	156.0	137.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	68	57	11.8	124.6	8.2	16.8	82.2	352.9	362.0	735.0	36.9	149.2	130.2
	CORPORATE OWNERSHIP OR CONTROL	68	57	11.8	124.6	8.2	16.8	82.2	352.9	362.0	735.0	36.9	149.2	130.2
	SINGLE UNIT COMPANIES, TOTAL	46	12	1.0	9.9	.7	1.5	5.5	29.7	33.0	61.9	2.0	6.7	7.3
	CORPORATE OWNERSHIP OR CONTROL	40	12	1.0	9.8	.7	1.5	5.4	28.4	31.7	59.4	1.8	6.1	6.7
	NONCORPORATE OWNERSHIP	6	-	(Z)	.1	(Z)	(Z)	.1	1.2	1.2	2.5	.2	.6	.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	108	69	12.8	134.4	9.0	18.3	87.7	381.3	393.7	794.4	38.7	155.5	136.9
	NONCORPORATE, TOTAL	6	-	(Z)	.1	(Z)	(Z)	.1	1.2	1.2	2.5	.2	.6	.6
	INDIVIDUAL	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2819	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.													
	TOTAL	384	264	63.8	704.7	39.9	80.0	392.4	2 038.2	1 804.1	3 833.3	149.0	369.5	384.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	325	232	60.8	672.9	38.3	76.8	378.3	1 956.0	1 755.8	3 702.9	140.4	358.2	372.1
	CORPORATE OWNERSHIP OR CONTROL	324	232	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	59	32	2.9	31.8	1.6	3.2	14.1	82.3	48.3	130.4	8.6	11.2	12.0
	CORPORATE OWNERSHIP OR CONTROL	58	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	382	264	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2821	PLASTICS MATERIALS AND RESINS													
	TOTAL	323	263	54.8	632.8	35.0	74.3	370.0	2 160.5	2 328.2	4 478.2	253.2	441.2	467.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	246	222	51.0	598.9	32.4	69.1	350.5	2 071.8	2 238.9	4 300.5	248.2	426.3	450.7
	CORPORATE OWNERSHIP OR CONTROL	244	220	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	77	41	3.9	33.9	2.6	5.2	19.5	88.7	89.2	177.7	5.1	14.9	16.9
	CORPORATE OWNERSHIP OR CONTROL	74	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	318	260	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	5	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2822	SYNTHETIC RUBBER													
	TOTAL	59	34	11.8	138.8	8.2	16.2	88.5	491.7	610.6	1 089.4	35.5	104.7	115.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	32	27	10.7	128.3	7.4	14.7	82.1	467.6	578.0	1 034.2	34.4	97.7	107.5
	CORPORATE OWNERSHIP OR CONTROL	32	27	10.7	128.3	7.4	14.7	82.1	467.6	578.0	1 034.2	34.4	97.7	107.5
	SINGLE UNIT COMPANIES, TOTAL	27	7	1.1	10.5	.8	1.5	6.4	24.1	32.5	55.2	1.1	7.0	8.4
	CORPORATE OWNERSHIP OR CONTROL	21	7	1.0	10.2	.8	1.4	6.3	23.3	30.9	52.7	1.0	6.8	8.2
	NONCORPORATE OWNERSHIP	6	-	(Z)	.2	(Z)	(Z)	.2	.8	1.7	2.5	.1	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	53	34	11.8	138.6	8.1	16.1	88.3	490.9	608.9	1 087.0	35.4	104.5	115.7
	NONCORPORATE, TOTAL	6	-	(Z)	.2	(Z)	(Z)	.2	.8	1.7	2.5	.1	.2	.2
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2823	CELLULOSIC MANMADE FIBERS													
	TOTAL	18	12	17.1	135.2	14.4	29.6	107.1	243.5	327.8	589.5	32.7	129.0	97.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	12	11	17.0	134.8	14.4	29.5	106.8	242.7	327.1	588.0	32.6	128.8	97.2
	CORPORATE OWNERSHIP OR CONTROL	12	11	17.0	134.8	14.4	29.5	106.8	242.7	327.1	588.0	32.6	128.8	97.2
	SINGLE UNIT COMPANIES, TOTAL	6	1	.1	.3	.1	.1	.3	.8	.7	1.5	.1	.3	.3
	CORPORATE OWNERSHIP OR CONTROL	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	16	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2824	ORGANIC FIBERS, NONCELLULOSIC													
	TOTAL	61	55	78.2	759.5	58.4	116.2	497.7	2 039.8	1 588.3	3 638.9	372.5	451.5	444.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	50	49	77.6	755.5	57.9	115.1	494.8	2 032.3	1 578.7	3 621.5	371.9	449.9	443.2
	CORPORATE OWNERSHIP OR CONTROL	50	49	77.6	755.5	57.9	115.1	494.8	2 032.3	1 578.7	3 621.5	371.9	449.9	443.2
	SINGLE UNIT COMPANIES, TOTAL	11	6	6	4.1	5	1.1	2.8	7.4	9.7	17.4	.6	1.7	1.3
	CORPORATE OWNERSHIP OR CONTROL	10	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	60	55	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2831	BIOLOGICAL PRODUCTS													
	TOTAL	182	62	10.1	102.9	5.3	10.4	40.4	231.4	144.4	360.0	27.2	85.2	109.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	61	44	8.4	88.1	4.4	8.6	33.8	197.5	127.1	309.5	22.3	75.4	98.8
	CORPORATE OWNERSHIP OR CONTROL	61	44	8.4	88.1	4.4	8.6	33.8	197.5	127.1	309.5	22.3	75.4	98.8
	SINGLE UNIT COMPANIES, TOTAL	121	19	1.7	14.7	1.0	1.8	6.6	33.9	17.3	50.5	4.9	9.7	10.8
	CORPORATE OWNERSHIP OR CONTROL	98	16	1.7	14.3	.9	1.7	6.4	32.8	16.7	48.8	4.7	9.3	10.3
	NONCORPORATE OWNERSHIP	23	-	.1	.4	(Z)	.1	.2	1.1	.6	1.7	.2	.5	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	159	62	10.1	102.5	5.3	10.3	40.2	230.3	143.8	358.3	27.0	84.8	109.2
	NONCORPORATE, TOTAL	23	-	.1	.4	(Z)	.1	.2	1.1	.6	1.7	.2	.5	.5
	INDIVIDUAL	15	-	(Z)	.2	(Z)	(Z)	.1	.6	.3	.9	.1	.3	.3
	PARTNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2833	MEDICINALS AND BOTANICALS													
	TOTAL	140	51	7.8	80.8	4.6	8.7	44.9	260.0	251.9	509.0	51.5	111.7	116.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	45	32	6.7	71.2	4.0	7.5	40.0	237.3	220.9	455.5	49.4	104.8	108.7
	CORPORATE OWNERSHIP OR CONTROL	45	32	6.7	71.2	4.0	7.5	40.0	237.3	220.9	455.5	49.4	104.8	108.7
	SINGLE UNIT COMPANIES, TOTAL	95	19	1.1	9.5	.7	1.2	5.0	22.7	31.0	53.5	2.0	6.9	7.3
	CORPORATE OWNERSHIP OR CONTROL	87	19	1.0	9.2	.7	1.2	4.8	22.0	30.4	52.2	2.0	6.7	7.0
	NONCORPORATE OWNERSHIP	8	-	(Z)	.3	(Z)	(Z)	.2	.6	.7	1.3	.1	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	132	51	7.8	80.5	4.6	8.7	44.7	259.3	251.3	507.7	51.4	111.5	115.7
	NONCORPORATE, TOTAL	8	-	(Z)	.3	(Z)	(Z)	.2	.6	.7	1.3	.1	.3	.3
	INDIVIDUAL	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(Z)	.3	(Z)	(Z)	.2	.5	.5	1.1	.1	.2	.2
2834	PHARMACEUTICAL PREPARATIONS													
	TOTAL	756	312	112.0	1 229.7	57.0	113.2	497.7	5 639.5	1 575.8	7 149.5	166.7	897.8	966.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	226	193	102.4	1 148.9	51.2	102.1	463.5	5 396.1	1 447.0	6 783.8	150.4	850.5	911.8
	CORPORATE OWNERSHIP OR CONTROL	225	193	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	530	119	9.5	80.8	5.8	11.1	34.3	243.4	128.8	365.7	16.3	47.3	54.3
	CORPORATE OWNERSHIP OR CONTROL	475	118	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	55	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	700	311	111.7	1 227.7	56.9	113.0	497.2	5 632.5	1 574.1	7 140.8	166.6	897.0	965.3
	NONCORPORATE, TOTAL	56	1	.3	2.0	.1	.2	.5	7.0	1.7	8.7	.1	.8	.8
	INDIVIDUAL	26	-	(Z)	.2	(Z)	(Z)	.1	.9	.3	1.2	(Z)	.2	.2
	PARTNERSHIP	12	1	.2	1.5	.1	.1	.3	5.1	1.1	6.2	(Z)	.4	.5
	OTHER AND UNKNOWN	18	-	(Z)	.3	(Z)	(Z)	.1	1.1	.3	1.4	.1	.2	.2
2841	SOAP AND OTHER DETERGENTS													
	TOTAL	642	199	31.5	341.6	20.4	40.9	205.9	2 038.8	1 373.7	3 394.4	90.7	351.1	381.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	153	118	24.9	280.5	17.2	34.6	182.9	1 825.6	1 205.9	3 019.6	80.7	317.2	341.2
	CORPORATE OWNERSHIP OR CONTROL	152	117	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	489	81	6.5	61.1	3.2	6.2	23.0	213.2	167.9	374.8	10.0	33.8	40.5
	CORPORATE OWNERSHIP OR CONTROL	423	80	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	66	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	575	197	31.2	339.3	20.3	40.6	204.9	2 030.1	1 367.1	3 379.1	90.4	349.8	380.4
	NONCORPORATE, TOTAL	67	2	.3	2.3	.2	.3	1.0	8.7	6.6	15.3	.3	1.3	1.3
	INDIVIDUAL	28	1	.1	.6	.1	.1	.3	1.8	1.3	3.1	.1	.3	.3
	PARTNERSHIP	15	1	.1	1.1	.1	.1	.3	4.1	3.0	7.2	.1	.5	.5
	OTHER AND UNKNOWN	24	-	.1	.6	.1	.1	.4	2.8	2.3	5.1	.2	.5	.5

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2842	POLISHES AND SANITATION GOODS													
	TOTAL	1 108	243	25.1	216.9	14.7	28.6	100.5	1 118.1	758.6	1 867.6	54.3	142.0	151.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	204	130	16.4	145.9	9.5	19.2	70.4	929.2	586.4	1 507.8	46.0	107.0	114.5
	CORPORATE OWNERSHIP OR CONTROL	201	130	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	904	113	8.7	71.0	5.2	9.5	30.1	189.0	172.2	359.8	8.3	35.1	37.1
	CORPORATE OWNERSHIP OR CONTROL	740	109	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	164	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	941	239	24.6	212.7	14.4	28.2	99.2	1 102.5	749.8	1 843.5	53.7	139.8	149.2
	NONCORPORATE, TOTAL	167	4	.5	4.2	.3	.4	1.4	15.6	8.8	24.1	.6	2.2	2.4
	INDIVIDUAL	76	1	.2	1.3	.1	.2	.6	4.8	3.8	8.6	.2	.8	.8
	PARTNERSHIP	31	3	.3	2.3	.1	.2	.5	8.2	3.0	10.9	.2	1.0	1.2
	OTHER AND UNKNOWN	60	—	.1	.6	.1	.1	.3	2.6	2.0	4.6	.1	.4	.5
2843	SURFACE ACTIVE AGENTS													
	TOTAL	178	86	6.9	71.5	3.8	7.7	32.3	209.5	257.0	462.6	19.7	57.3	61.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	71	55	5.0	51.0	2.8	5.7	24.7	159.2	199.8	355.7	16.8	45.1	48.2
	CORPORATE OWNERSHIP OR CONTROL	71	55	5.0	51.0	2.8	5.7	24.7	159.2	199.8	355.7	16.8	45.1	48.2
	NONCORPORATE OWNERSHIP	107	31	1.9	20.5	1.0	2.0	7.6	50.3	57.2	106.8	2.9	12.2	13.1
	SINGLE UNIT COMPANIES, TOTAL	106	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	177	86	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2844	TOILET PREPARATIONS													
	TOTAL	645	204	48.2	428.2	31.8	61.0	219.6	2 834.1	1 241.1	4 053.0	71.4	443.9	469.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	152	125	40.2	365.3	26.7	51.9	190.8	2 626.0	1 124.6	3 729.9	61.7	408.6	431.0
	CORPORATE OWNERSHIP OR CONTROL	151	125	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	493	79	7.9	62.9	5.2	9.2	28.8	208.1	116.5	323.1	9.7	35.2	38.5
	CORPORATE OWNERSHIP OR CONTROL	416	78	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	77	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	567	203	48.0	426.8	31.7	60.8	218.9	2 826.1	1 238.4	4 042.4	71.2	442.8	468.4
	NONCORPORATE, TOTAL	78	1	.2	1.4	.2	.3	.7	8.0	2.7	10.7	.2	1.1	1.1
	INDIVIDUAL	35	1	.1	.7	.1	.2	.4	4.3	1.1	5.4	.1	.4	.4
	PARTNERSHIP	13	—	(Z)	.2	(Z)	(Z)	.1	1.2	.5	1.7	(Z)	.2	.2
	OTHER AND UNKNOWN	30	—	.1	.5	(Z)	.1	.2	2.5	1.1	3.6	.1	.4	.4
2851	PAINTS AND ALLIED PRODUCTS													
	TOTAL	1 599	687	65.9	647.2	36.2	73.2	295.1	1 791.7	2 058.4	3 821.8	81.5	501.0	542.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	533	414	49.1	494.2	26.8	54.7	228.9	1 437.1	1 631.1	3 042.0	65.6	410.2	446.4
	CORPORATE OWNERSHIP OR CONTROL	531	414	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 066	273	16.8	153.0	9.4	18.6	66.2	354.6	427.3	779.8	15.9	90.9	96.5
	CORPORATE OWNERSHIP OR CONTROL	945	273	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	121	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 476	687	65.5	643.9	36.0	72.7	293.4	1 779.7	2 044.1	3 795.3	80.7	496.5	538.7
	NONCORPORATE, TOTAL	123	—	.4	3.2	.3	.5	1.7	12.0	14.4	26.6	.8	4.5	4.1
	INDIVIDUAL	61	—	.2	1.3	.1	.2	.7	4.6	5.2	9.8	.3	1.3	1.4
	PARTNERSHIP	30	—	.1	1.1	.1	.2	.6	4.8	5.8	10.5	.4	1.7	1.7
	OTHER AND UNKNOWN	32	—	.1	.9	.1	.1	.4	2.5	3.4	6.3	.1	1.5	1.1
2861	GUM AND WOOD CHEMICALS													
	TOTAL	139	41	5.9	47.6	4.7	9.4	33.5	155.4	175.9	332.3	11.1	54.0	52.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	44	33	5.3	43.2	4.2	8.3	30.4	143.1	159.4	303.5	10.0	50.6	48.6
	CORPORATE OWNERSHIP OR CONTROL	43	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	95	8	.6	4.4	.5	1.0	3.1	12.3	16.5	28.7	1.2	3.4	3.6
	CORPORATE OWNERSHIP OR CONTROL	62	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	33	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	105	41	5.9	47.2	4.6	9.3	33.1	154.0	173.7	328.6	11.0	53.5	51.8
	NONCORPORATE, TOTAL	34	—	.1	.4	.1	.1	.3	1.4	2.2	3.6	.1	.5	.5
	INDIVIDUAL	11	—	(Z)	.1	(Z)	.1	.1	.4	.5	.9	.1	.1	.1
	PARTNERSHIP	14	—	(Z)	.2	(Z)	.1	.2	.7	1.3	2.0	.1	.2	.2
	OTHER AND UNKNOWN	9	—	(Z)	.1	(Z)	(Z)	(Z)	.3	.4	.7	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2865	CYCLIC CRUDES AND INTERMEDIATES													
	TOTAL	174	118	28.2	318.2	18.7	38.4	191.1	929.7	1 110.3	2 049.6	158.8	362.8	356.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	116	97	27.0	304.4	17.9	36.8	184.6	900.9	1 070.4	1 980.7	154.7	353.4	346.1
	CORPORATE OWNERSHIP OR CONTROL	115	96	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	58	21	1.3	13.8	.8	1.6	6.5	28.8	39.9	68.9	4.1	9.4	9.9
	CORPORATE OWNERSHIP OR CONTROL	53	21	1.3	13.7	.6	1.6	6.4	28.5	39.6	68.3	4.0	9.3	9.8
	NONCORPORATE OWNERSHIP	5	-	(Z)	.1	(Z)	(Z)	.1	.3	.3	.6	.1	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	168	117	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2869	INDUSTRIAL ORGANIC CHEMICALS, N.E.C.													
	TOTAL	514	295	102.4	1 248.6	64.5	129.9	713.0	4 968.0	4 228.2	9 723.5	661.7	1 096.0	1 070.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	301	253	99.4	1 216.9	62.7	126.5	698.0	4 881.0	4 104.4	8 993.5	646.5	1 071.3	1 054.7
	CORPORATE OWNERSHIP OR CONTROL	301	253	99.4	1 216.9	62.7	126.5	698.0	4 881.0	4 104.4	8 993.5	646.5	1 071.3	1 054.7
	NONCORPORATE OWNERSHIP	213	42	3.0	31.7	1.7	3.5	15.1	107.0	123.8	230.1	15.2	24.7	23.4
	SINGLE UNIT COMPANIES, TOTAL	188	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL	188	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	25	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	489	293	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	25	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	11	-	(Z)	.2	(Z)	(Z)	.1	.4	.4	.6	.1	.1	.1
	PARTNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	11	-	(Z)	.1	(Z)	(Z)	.1	.4	.3	.7	.1	.1	.1
2873	NITROGENOUS FERTILIZERS													
	TOTAL	73	68	9.4	104.3	6.1	13.2	64.3	447.6	362.7	799.4	33.2	112.0	110.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	61	60	9.0	99.4	5.8	12.4	61.3	430.3	341.9	761.6	32.0	106.4	110.2
	CORPORATE OWNERSHIP OR CONTROL	60	59	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	12	8	.5	4.9	.3	.7	3.0	17.3	20.7	37.8	1.2	5.6	5.9
	CORPORATE OWNERSHIP OR CONTROL	11	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	71	67	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2874	PHOSPHATIC FERTILIZERS													
	TOTAL	145	115	14.9	135.1	10.8	23.1	91.9	426.4	740.9	1 178.9	65.8	168.3	157.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	122	104	14.1	128.8	10.3	22.0	88.5	410.5	707.6	1 131.1	57.4	162.1	151.4
	CORPORATE OWNERSHIP OR CONTROL	117	99	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	5	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	23	11	.8	6.3	.5	1.1	3.5	15.9	33.2	47.9	8.4	6.3	6.4
	CORPORATE OWNERSHIP OR CONTROL	22	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	139	109	14.3	130.2	10.3	22.0	87.5	409.8	722.4	1 143.0	(D)	162.8	152.3
	NONCORPORATE, TOTAL	6	6	.5	4.9	.5	1.0	4.4	16.6	18.5	36.0	(D)	5.4	5.5
	PARTNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	5	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2875	FERTILIZERS, MIXING ONLY													
	TOTAL	627	186	11.4	82.5	7.2	14.2	41.4	263.6	542.6	800.0	17.2	136.1	143.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	275	131	7.4	56.2	4.6	9.2	26.1	192.9	393.6	581.5	12.9	107.9	114.0
	CORPORATE OWNERSHIP OR CONTROL	268	131	7.4	55.9	4.6	9.2	27.9	192.0	391.0	577.9	12.8	107.3	113.4
	NONCORPORATE OWNERSHIP	7	-	(Z)	.3	(Z)	.1	.2	.9	2.6	3.6	.1	.7	.6
	SINGLE UNIT COMPANIES, TOTAL	352	57	4.0	26.3	2.6	5.0	13.3	70.7	149.0	218.6	4.3	28.3	29.9
	CORPORATE OWNERSHIP OR CONTROL	297	54	3.7	24.6	2.4	4.6	12.3	66.3	139.9	205.1	4.0	26.2	27.8
	NONCORPORATE OWNERSHIP	55	3	.3	1.7	.2	.4	1.0	4.4	9.1	13.4	.3	2.1	2.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	565	185	11.1	80.5	6.9	13.8	40.3	258.3	530.9	783.0	16.8	133.5	141.2
	NONCORPORATE, TOTAL	62	3	.3	2.0	.2	.4	1.1	5.3	11.7	17.0	.4	2.7	2.6
	INDIVIDUAL	28	2	.2	1.0	.1	.2	.6	2.4	4.2	6.6	.1	1.0	1.0
	PARTNERSHIP	10	-	.1	.3	(Z)	.1	.1	1.0	2.1	3.1	.1	.5	.5
	OTHER AND UNKNOWN	24	1	.1	.7	.1	.2	.4	1.9	5.4	7.4	.1	1.2	1.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2879	AGRICULTURAL CHEMICALS, N.E.C.													
	TOTAL	388	113	12.2	116.5	6.8	13.2	53.5	598.9	547.4	1 150.8	39.5	183.4	183.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	164	79	9.9	97.8	5.4	10.5	45.1	529.9	443.7	981.3	32.1	161.4	157.6
	CORPORATE OWNERSHIP OR CONTROL	163	79	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	224	34	2.3	18.7	1.4	2.7	8.4	69.0	103.7	169.4	7.4	21.9	25.8
	CORPORATE OWNERSHIP OR CONTROL	178	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	46	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	341	112	12.0	114.7	6.6	12.9	52.6	592.3	534.3	1 131.6	39.2	180.0	179.6
	NONCORPORATE, TOTAL	47	1	.3	1.8	.2	.3	.9	6.6	13.1	19.1	.3	3.3	3.9
	INDIVIDUAL	24	-	(Z)	.4	(Z)	.1	.2	1.7	1.3	3.0	.1	.5	.5
	PARTNERSHIP	7	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	16	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2891	ADHESIVES AND SEALANTS													
	TOTAL	463	187	14.9	148.2	8.5	17.6	68.8	426.6	504.0	928.0	24.9	95.7	101.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	248	140	11.6	118.3	6.6	13.9	55.7	352.0	414.1	764.3	19.3	82.0	86.6
	CORPORATE OWNERSHIP OR CONTROL	248	140	11.6	118.3	6.6	13.9	55.7	352.0	414.1	764.3	19.3	82.0	86.6
	SINGLE UNIT COMPANIES, TOTAL	215	47	3.3	29.9	1.9	3.7	13.0	74.6	89.9	163.7	5.6	13.6	15.3
	CORPORATE OWNERSHIP OR CONTROL	195	46	3.2	29.4	1.9	3.6	12.7	72.9	87.8	159.9	5.4	13.2	14.8
	NONCORPORATE OWNERSHIP	20	1	.1	.5	(Z)	.1	.3	1.7	2.1	3.8	.1	.5	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	443	186	14.8	147.7	8.5	17.5	68.5	424.9	501.9	924.2	24.8	95.2	101.4
	NONCORPORATE, TOTAL	20	1	.1	.5	(Z)	.1	.3	1.7	2.1	3.8	.1	.5	.5
	INDIVIDUAL	10	-	(Z)	.2	(Z)	(Z)	.1	.4	.5	.9	(Z)	.1	.1
	PARTNERSHIP	6	1	(Z)	.3	(Z)	(Z)	.2	1.2	1.4	2.5	.1	.3	.3
	OTHER AND UNKNOWN	4	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.2	.3	(Z)	(Z)	(Z)
2892	EXPLOSIVES													
	TOTAL	92	50	18.6	178.9	13.3	25.8	115.6	281.7	121.3	402.7	30.1	39.9	38.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	60	42	18.0	173.5	12.8	24.9	112.1	271.9	106.2	378.1	28.9	37.3	35.1
	CORPORATE OWNERSHIP OR CONTROL	60	42	18.0	173.5	12.8	24.9	112.1	271.9	106.2	378.1	28.9	37.3	35.1
	SINGLE UNIT COMPANIES, TOTAL	32	8	.6	5.3	.5	.9	3.5	9.8	15.1	24.6	1.2	2.6	3.0
	CORPORATE OWNERSHIP OR CONTROL	31	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	91	50	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2893	PRINTING INK													
	TOTAL	407	145	9.6	99.3	5.8	12.1	49.8	232.0	281.7	508.4	12.6	63.3	67.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	281	115	7.6	78.1	4.6	9.7	40.1	192.2	235.7	422.9	11.0	54.8	58.5
	CORPORATE OWNERSHIP OR CONTROL	281	115	7.6	78.1	4.6	9.7	40.1	192.2	235.7	422.9	11.0	54.8	58.5
	SINGLE UNIT COMPANIES, TOTAL	156	30	2.0	21.2	1.2	2.4	9.7	39.8	46.1	85.5	1.6	8.5	9.4
	CORPORATE OWNERSHIP OR CONTROL	139	30	2.0	20.8	1.1	2.3	9.4	38.5	44.2	82.4	1.4	6.2	9.1
	NONCORPORATE OWNERSHIP	17	-	(Z)	.4	(Z)	.1	.2	1.3	1.9	3.1	.2	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	390	145	9.6	98.9	5.7	12.0	49.5	230.7	279.9	505.3	12.4	63.0	67.6
	NONCORPORATE, TOTAL	17	-	(Z)	.4	(Z)	.1	.2	1.3	1.9	3.1	.2	.3	.3
	INDIVIDUAL	7	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	5	-	(Z)	.2	(Z)	(Z)	.1	.6	1.0	1.6	.1	.1	.1
	OTHER AND UNKNOWN	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2895	CARBON BLACK													
	TOTAL	37	33	2.9	31.9	2.3	5.1	24.1	137.6	88.9	227.0	11.8	19.0	18.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	34	33	2.9	31.7	2.3	5.1	24.1	137.4	88.8	226.7	(D)	18.9	18.1
	CORPORATE OWNERSHIP OR CONTROL	34	33	2.9	31.7	2.3	5.1	24.1	137.4	88.8	226.7	(D)	18.9	18.1
	SINGLE UNIT COMPANIES, TOTAL	3	-	(Z)	.2	(Z)	(Z)	.1	.2	.1	.3	(D)	.1	.1
	CORPORATE OWNERSHIP OR CONTROL	3	-	(Z)	.2	(Z)	(Z)	.1	.2	.1	.3	(D)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	37	33	2.9	31.9	2.3	5.1	24.1	137.6	88.9	227.0	11.8	19.0	18.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2890	CHEMICAL PREPARATIONS, N.E.C.													
	TOTAL	1 608	360	37.1	356.0	22.6	43.9	176.0	1 124.7	1 086.4	2 202.3	71.3	255.2	254.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	339	216	24.9	245.4	15.5	30.7	130.2	862.4	828.8	1 682.9	52.6	198.0	195.6
	CORPORATE OWNERSHIP OR CONTROL	330	215	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	9	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 267	144	12.2	110.6	7.0	13.1	45.8	262.3	257.6	519.4	18.6	57.2	59.0
	CORPORATE OWNERSHIP OR CONTROL	1 105	143	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	162	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 441	353	36.2	349.7	22.0	42.7	172.1	1 104.9	1 056.0	2 146.5	69.9	242.9	248.4
	NONCORPORATE, TOTAL	165	2	.6	6.3	.6	1.2	3.9	19.9	30.3	55.8	1.4	12.3	6.3
	INDIVIDUAL	70	-	.2	1.4	.1	.2	.7	4.5	4.4	2.9	.3	.9	.9
	PARTNERSHIP	45	1	.1	.0	.1	.2	.5	3.2	2.7	5.9	.2	.6	.6
	OTHER AND UNKNOWN	42	1	.5	4.0	.4	.6	2.7	12.1	23.3	41.0	.9	10.8	4.7
29	PETROLEUM AND COAL PRODUCTS													
	TOTAL	2 016	720	139.5	1 637.5	97.9	200.5	1 064.0	5 793.1	22 762.5	28 694.7	1 154.2	2 353.5	2 223.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	1 132	519	124.3	1 481.3	87.9	179.1	973.1	5 410.9	22 155.7	27 707.9	1 111.9	2 298.9	2 163.6
	CORPORATE OWNERSHIP OR CONTROL	1 124	517	124.2	1 480.4	87.8	179.0	972.7	5 408.0	22 146.4	27 695.6	1 111.8	2 298.3	2 163.1
	NONCORPORATE OWNERSHIP	8	2	.1	.9	.1	.1	.4	2.9	9.3	12.2	.1	.6	.5
	SINGLE UNIT COMPANIES, TOTAL	884	201	15.2	156.2	10.1	21.4	90.9	382.2	606.7	986.8	42.3	54.6	59.4
	CORPORATE OWNERSHIP OR CONTROL	771	193	14.3	148.9	9.4	20.1	85.5	361.6	583.1	942.6	40.6	52.8	57.4
	NONCORPORATE OWNERSHIP	113	8	.9	7.3	.7	1.3	5.3	20.6	23.6	44.2	1.7	1.8	2.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 895	710	138.5	1 629.3	97.2	199.1	1 058.3	5 769.6	22 729.6	28 638.2	1 152.4	2 351.1	2 220.4
	NONCORPORATE, TOTAL	121	10	1.0	8.2	.8	1.4	5.8	23.5	32.9	56.4	1.8	2.4	2.5
	INDIVIDUAL	57	3	.6	4.5	.5	.6	3.3	13.8	11.8	25.6	.6	.9	.9
	PARTNERSHIP	34	7	.3	2.8	.2	.4	1.9	7.5	18.3	25.8	.7	1.1	1.3
	OTHER AND UNKNOWN	30	-	.1	.9	.1	.2	.5	2.2	2.8	5.1	.4	.4	.4
2911	PETROLEUM REFINING													
	TOTAL	323	277	100.8	1 247.1	71.2	142.3	816.3	4 594.7	21 171.3	25 921.1	1 061.6	2 160.3	2 002.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	278	246	98.3	1 220.1	69.6	138.8	799.3	4 526.7	20 928.5	25 611.4	1 049.3	2 143.8	1 984.8
	CORPORATE OWNERSHIP OR CONTROL	277	246	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	45	31	2.5	27.0	1.6	3.5	17.1	68.0	242.8	309.7	12.3	16.5	17.4
	CORPORATE OWNERSHIP OR CONTROL	41	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	318	276	100.8	1 246.7	71.2	142.3	816.2	4 592.8	21 164.1	25 912.0	1 061.5	2 160.1	2 002.1
	NONCORPORATE, TOTAL	5	1	(Z)	.4	(Z)	.1	.2	1.9	7.2	9.1	.1	.2	.1
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2951	PAVING MIXTURES AND BLOCKS													
	TOTAL	964	169	13.9	147.7	10.0	21.4	100.6	403.1	527.2	922.5	56.3	35.7	36.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	540	80	6.8	73.1	4.9	10.3	51.5	224.6	345.9	563.4	33.6	24.0	24.4
	CORPORATE OWNERSHIP OR CONTROL	536	80	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	424	89	7.1	74.6	5.1	11.1	49.3	178.5	181.3	359.1	22.8	11.7	14.1
	CORPORATE OWNERSHIP OR CONTROL	387	82	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	37	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	923	162	13.2	142.3	9.5	20.3	96.4	387.4	511.8	891.3	55.2	35.4	37.8
	NONCORPORATE, TOTAL	41	7	.7	5.4	.6	1.0	4.4	15.7	15.4	31.2	1.1	.3	.7
	INDIVIDUAL	14	3	.5	3.6	.4	.7	2.9	11.4	7.5	18.8	.4	.1	.1
	PARTNERSHIP	18	4	.2	1.6	.1	.3	1.3	3.7	7.4	11.1	.6	.2	.5
	OTHER AND UNKNOWN	9	-	(Z)	.3	(Z)	(Z)	.2	.7	.6	1.2	.1	(Z)	(Z)
2952	ASPHALT FELTS AND COATINGS													
	TOTAL	235	140	15.6	148.7	11.5	26.4	103.2	443.3	573.5	1 010.4	19.6	55.4	64.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	155	114	13.5	130.0	10.1	23.5	93.5	398.4	518.7	911.1	17.8	50.1	56.3
	CORPORATE OWNERSHIP OR CONTROL	155	114	13.5	130.0	10.1	23.5	93.5	398.4	518.7	911.1	17.8	50.1	56.3
	NONCORPORATE OWNERSHIP	80	26	2.1	18.8	1.4	2.9	9.7	44.8	54.7	99.3	1.8	5.3	6.4
	SINGLE UNIT COMPANIES, TOTAL	70	26	2.1	18.5	1.4	2.8	9.5	44.3	53.8	97.8	1.6	5.2	6.3
	CORPORATE OWNERSHIP OR CONTROL	70	26	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	NONCORPORATE OWNERSHIP	10	-	(Z)	.2	(Z)	(Z)	.1	.5	.9	1.4	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	225	140	15.6	148.5	11.5	26.4	103.0	442.7	572.6	1 008.9	19.6	55.3	64.6
	NONCORPORATE, TOTAL	10	-	(Z)	.2	(Z)	(Z)	.1	.5	.9	1.4	(Z)	.1	.1
	INDIVIDUAL	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.1	(Z)	(Z)	(Z)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
2992	LUBRICATING OILS AND GREASES													
	TOTAL	443	117	8.1	83.3	4.4	8.6	36.2	295.8	408.9	703.1	13.7	78.8	80.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	134	65	4.8	49.7	2.6	5.0	22.9	210.5	286.9	496.0	8.9	59.0	60.6
	CORPORATE OWNERSHIP OR CONTROL	131	63	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	309	52	3.3	33.7	1.8	3.6	13.3	85.3	121.9	207.1	4.8	19.9	20.3
	CORPORATE OWNERSHIP OR CONTROL	254	52	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	55	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	385	115	7.9	81.6	4.2	8.4	35.5	291.4	400.8	690.6	13.4	77.3	79.5
	NONCORPORATE, TOTAL	58	2	.2	1.8	.1	.2	.7	4.4	8.0	12.5	.4	1.6	1.5
	INDIVIDUAL	36	-	.1	.7	(Z)	.1	.3	1.9	2.7	4.6	.1	.6	.6
	PARTNERSHIP	9	2	.1	.7	(Z)	.1	.3	1.5	3.7	5.2	.1	.7	.6
	OTHER AND UNKNOWN	13	-	(Z)	.4	(Z)	(Z)	.1	.9	1.7	2.6	.2	.3	.3
2999	PETROLEUM AND COAL PRODUCTS, N.E.C.													
	TOTAL	51	17	1.1	10.6	.9	1.8	7.5	56.3	81.6	137.6	3.0	23.3	36.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	25	14	.9	8.5	.7	1.5	5.9	50.6	75.6	126.0	2.4	22.1	35.5
	CORPORATE OWNERSHIP OR CONTROL	25	14	.9	8.5	.7	1.5	5.9	50.6	75.6	126.0	2.4	22.1	35.5
	NONCORPORATE OWNERSHIP	26	3	.2	2.1	.2	.4	1.6	5.7	6.0	11.6	.6	1.2	1.2
	SINGLE UNIT COMPANIES, TOTAL	19	3	.2	1.7	.2	.3	1.3	4.7	4.7	9.4	.3	1.0	1.0
	CORPORATE OWNERSHIP OR CONTROL	7	-	.1	.4	(Z)	.1	.3	.9	1.3	2.3	.2	.2	.2
	NONCORPORATE OWNERSHIP	44	17	1.1	10.2	.8	1.7	7.2	55.3	80.3	135.4	2.8	23.1	36.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	7	-	.1	.4	(Z)	.1	.3	.9	1.3	2.3	.2	.2	.2
	NONCORPORATE, TOTAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	4	-	(Z)	.2	(Z)	(Z)	.1	.4	.2	.6	.1	(Z)	(Z)
30	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS													
	TOTAL	9 237	4 188	617.7	5 165.2	486.8	968.3	3 605.0	11 653.3	9 466.1	20 923.7	1 059.6	2 345.2	2 588.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	2 505	2 116	467.8	4 117.4	364.6	735.4	2 901.7	9 580.2	7 821.3	17 226.2	864.5	2 018.6	2 222.0
	CORPORATE OWNERSHIP OR CONTROL	2 481	2 105	466.6	4 108.9	363.7	733.6	2 896.0	9 562.7	7 797.2	17 184.8	863.1	2 014.7	2 217.8
	NONCORPORATE OWNERSHIP	24	11	1.2	8.8	1.0	1.8	5.7	17.5	24.1	41.4	1.5	3.9	4.2
	SINGLE UNIT COMPANIES, TOTAL	6 732	2 072	150.0	1 047.8	122.2	232.8	703.3	2 073.1	1 644.8	3 697.5	195.1	326.7	366.8
	CORPORATE OWNERSHIP OR CONTROL	5 623	2 016	144.6	1 013.9	117.5	224.3	678.4	1 993.3	1 565.1	3 558.9	186.3	313.3	352.0
	NONCORPORATE OWNERSHIP	1 109	56	5.4	33.9	4.7	8.5	24.9	79.8	59.7	138.6	8.8	13.4	14.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	8 104	4 121	611.2	5 122.7	481.1	957.9	3 574.4	11 556.0	9 382.3	20 743.7	1 049.3	2 328.0	2 569.8
	NONCORPORATE, TOTAL	1 133	67	6.5	42.5	5.6	10.3	30.6	97.3	83.8	180.0	10.3	17.3	19.0
	INDIVIDUAL	531	30	3.0	19.0	2.6	4.6	13.4	43.0	39.5	82.1	4.6	7.8	8.6
	PARTNERSHIP	249	37	2.5	15.9	2.1	4.1	12.0	35.9	30.4	65.6	4.1	6.0	7.0
	OTHER AND UNKNOWN	353	-	1.1	7.6	.9	1.7	5.2	18.4	13.8	32.2	1.5	3.3	3.4
3011	TIRES AND INNER TUBES													
	TOTAL	206	126	107.5	1 214.1	83.1	168.9	908.1	3 070.8	2 745.1	5 747.1	267.1	694.9	768.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	111	103	105.2	1 195.1	81.2	164.8	894.5	3 034.3	2 710.6	5 677.0	265.7	688.2	760.6
	CORPORATE OWNERSHIP OR CONTROL	110	102	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	95	23	2.2	19.1	1.8	4.1	13.7	36.4	34.5	70.1	1.4	6.7	7.9
	CORPORATE OWNERSHIP OR CONTROL	74	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	21	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	184	123	107.3	1 213.1	83.0	168.7	907.4	3 068.5	2 742.5	5 742.2	267.0	694.5	768.0
	NONCORPORATE, TOTAL	22	3	.1	1.0	.1	.2	.7	2.3	2.6	4.8	.1	.4	.4
	INDIVIDUAL	7	1	(Z)	.2	(Z)	.1	.1	.3	.2	.5	(Z)	.1	.1
	PARTNERSHIP	7	2	.1	.5	.1	.1	.3	1.2	1.4	2.6	(Z)	.2	.3
	OTHER AND UNKNOWN	8	-	(Z)	.3	(Z)	(Z)	.3	.7	1.0	1.7	(Z)	.1	.1
3021	RUBBER AND PLASTICS FOOTWEAR													
	TOTAL	107	74	31.6	182.6	26.5	49.9	137.5	370.3	243.3	600.0	17.7	120.8	124.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	51	48	27.7	163.0	23.1	43.8	122.5	336.8	216.4	539.8	14.8	109.8	112.9
	CORPORATE OWNERSHIP OR CONTROL	50	48	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	56	26	3.9	19.6	3.4	6.2	15.0	33.5	26.9	60.2	2.8	10.9	11.5
	CORPORATE OWNERSHIP OR CONTROL	50	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	100	73	31.4	182.0	26.4	49.7	137.0	369.3	242.4	598.1	17.6	120.4	124.0
	NONCORPORATE, TOTAL	7	1	.1	.6	.1	.2	.5	1.0	.9	1.9	(Z)	.4	.4
	INDIVIDUAL	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3031	RECLAIMED RUBBER													
	TOTAL	20	9	0.9	9.1	0.8	1.5	6.9	15.6	13.1	29.7	0.7	3.4	2.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	8	7	.8	8.2	.6	1.3	6.3	13.6	11.8	26.4	.6	3.1	2.5
	CORPORATE OWNERSHIP OR CONTROL	8	7	.8	8.2	.6	1.3	6.3	13.6	11.8	26.4	.6	3.1	2.5
	SINGLE UNIT COMPANIES, TOTAL	12	2	.1	.9	.1	.2	.7	2.0	1.3	3.3	.1	.3	.3
	CORPORATE OWNERSHIP OR CONTROL	11	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	19	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3041	RUBBER, PLASTICS HOSE AND BELTING													
	TOTAL	90	73	31.9	309.0	22.6	45.4	200.1	618.7	405.5	1 020.1	31.6	150.7	158.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	59	56	29.8	290.8	21.2	42.7	190.3	585.9	374.3	956.4	30.8	140.5	147.7
	CORPORATE OWNERSHIP OR CONTROL	59	56	29.8	290.8	21.2	42.7	190.3	585.9	374.3	956.4	30.8	140.5	147.7
	SINGLE UNIT COMPANIES, TOTAL	31	17	2.0	18.2	1.5	2.7	9.8	32.9	31.2	63.8	.9	10.2	10.6
	CORPORATE OWNERSHIP OR CONTROL	30	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	89	72	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3069	FABRICATED RUBBER PRODUCTS, N.E.C.													
	TOTAL	1 116	606	99.0	808.8	77.4	153.7	559.7	1 573.1	1 273.0	2 830.9	88.5	307.0	332.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	366	311	73.7	618.8	57.1	114.7	430.9	1 235.7	1 011.3	2 231.5	70.6	245.4	268.3
	CORPORATE OWNERSHIP OR CONTROL	359	309	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	7	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	750	295	25.4	190.0	20.3	38.9	128.8	337.4	261.7	599.4	17.7	61.6	64.5
	CORPORATE OWNERSHIP OR CONTROL	613	287	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	137	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	972	596	98.1	802.4	76.5	152.1	555.3	1 558.4	1 257.7	2 801.2	87.4	304.2	329.5
	NONCORPORATE, TOTAL	144	10	1.0	6.4	.8	1.6	4.4	14.7	15.3	29.7	1.1	2.8	3.3
	INDIVIDUAL	61	3	.5	3.3	.5	.9	2.1	7.2	9.4	16.3	.7	1.4	1.9
	PARTNERSHIP	27	7	.3	1.9	.2	.5	1.5	4.0	3.2	7.2	.2	.6	.6
	OTHER AND UNKNOWN	56	-	.2	1.2	.1	.2	.8	3.6	2.7	6.3	.2	.8	.8
3079	MISCELLANEOUS PLASTICS PRODUCTS													
	TOTAL	7 698	3 300	346.9	2 641.6	276.4	548.8	1 792.6	6 004.7	4 786.0	10 695.9	654.0	1 068.4	1 202.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	1 910	1 591	230.5	1 841.5	181.4	368.1	1 257.3	4 373.8	3 496.9	7 795.1	481.8	831.4	930.0
	CORPORATE OWNERSHIP OR CONTROL	1 895	1 583	229.6	1 834.9	180.7	366.8	1 252.6	4 360.4	3 479.6	7 764.3	480.8	828.3	927.1
	NONCORPORATE OWNERSHIP	15	8	.9	6.6	.7	1.3	4.7	13.4	17.3	30.8	1.0	3.1	2.9
	SINGLE UNIT COMPANIES, TOTAL	5 788	1 709	116.4	800.1	95.1	180.7	535.3	1 630.9	1 289.2	2 900.8	172.2	237.0	272.0
	CORPORATE OWNERSHIP OR CONTROL	4 845	1 665	111.9	772.4	91.2	173.7	515.2	1 565.4	1 241.9	2 788.8	164.2	226.5	260.2
	NONCORPORATE OWNERSHIP	943	44	4.5	27.7	3.9	7.0	20.1	65.6	47.2	111.9	8.0	10.5	11.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	6 740	3 248	341.6	2 607.3	271.9	540.5	1 767.8	5 925.8	4 721.5	10 553.2	645.0	1 054.8	1 187.3
	NONCORPORATE, TOTAL	958	52	5.3	34.3	4.6	8.3	24.8	79.0	64.5	142.7	9.0	13.6	14.7
	INDIVIDUAL	458	25	2.4	15.3	2.1	3.6	11.1	35.1	29.4	64.4	3.9	6.3	6.5
	PARTNERSHIP	213	27	2.0	13.0	1.7	3.3	9.7	29.8	25.0	54.2	3.9	4.9	5.8
	OTHER AND UNKNOWN	287	-	.9	6.0	.8	1.4	4.1	14.1	10.1	24.2	1.3	2.4	2.4
31	LEATHER AND LEATHER PRODUCTS													
	TOTAL	3 201	1 657	273.4	1 589.3	240.4	449.1	1 230.8	2 917.2	2 895.4	5 769.5	74.5	717.7	796.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	824	748	186.9	1 080.2	165.3	313.6	867.4	2 050.9	2 046.4	4 065.1	53.4	515.1	573.8
	CORPORATE OWNERSHIP OR CONTROL	819	745	186.5	1 087.0	164.9	312.9	865.6	2 046.4	2 042.6	4 057.0	53.3	514.1	572.3
	NONCORPORATE OWNERSHIP	5	3	.4	2.2	.3	.7	1.8	4.4	3.8	8.1	(2)	1.0	1.4
	SINGLE UNIT COMPANIES, TOTAL	2 377	909	86.5	500.1	75.2	135.5	363.4	866.3	849.0	1 704.4	21.1	202.6	222.3
	CORPORATE OWNERSHIP OR CONTROL	1 777	868	83.1	482.1	72.0	130.0	349.0	826.4	796.6	1 612.5	20.1	193.1	212.4
	NONCORPORATE OWNERSHIP	600	41	3.4	17.9	3.2	5.5	14.3	40.0	52.4	91.9	1.0	9.4	9.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	2 596	1 613	269.6	1 569.1	236.9	442.9	1 214.7	2 872.8	2 839.2	5 669.5	73.4	707.2	784.8
	NONCORPORATE, TOTAL	605	44	3.8	20.2	3.5	6.2	16.1	44.4	56.2	100.0	1.1	10.4	11.3
	INDIVIDUAL	308	20	1.8	9.1	1.6	2.9	7.3	20.4	18.7	38.9	.4	4.6	5.2
	PARTNERSHIP	134	24	1.4	7.8	1.3	2.3	6.4	16.9	29.2	45.4	.5	3.6	4.4
	OTHER AND UNKNOWN	163	-	.6	3.2	.5	.9	2.4	7.1	8.3	15.7	.2	2.2	1.7

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages	(million dollars)	(million dollars)	(million dollars)	(million dollars)	1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3111	LEATHER TANNING AND FINISHING													
	TOTAL	517	223	25.7	200.0	22.1	41.9	151.3	368.3	708.0	1 059.5	16.3	130.2	149.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	112	88	15.5	120.8	13.2	25.2	92.5	225.4	457.7	670.8	11.3	86.1	97.2
	CORPORATE OWNERSHIP OR CONTROL	109	87	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	405	135	10.2	79.3	8.9	16.7	58.8	142.8	250.3	388.7	5.0	44.0	51.8
	CORPORATE OWNERSHIP OR CONTROL	319	128	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	86	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	428	215	25.0	195.5	21.4	40.7	147.7	356.7	678.5	1 018.8	15.9	126.2	144.5
	NONCORPORATE, TOTAL	89	8	.7	4.5	.6	1.2	3.6	11.6	29.5	40.7	.3	4.0	4.5
	INDIVIDUAL	35	3	.3	1.7	.3	.5	1.4	4.4	6.0	10.3	.1	1.4	1.8
	PARTNERSHIP	27	5	.3	2.3	.3	.5	1.9	5.9	19.6	24.9	.1	1.5	2.2
	OTHER AND UNKNOWN	27	-	.1	.5	.1	.1	.3	1.2	3.9	5.6	.1	1.0	.5
3131	BOOT, SHOE CUT STOCK, AND FINDINGS													
	TOTAL	248	121	8.7	50.1	7.6	14.0	37.1	86.2	120.5	206.5	2.9	21.0	21.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	58	49	4.4	23.3	3.9	7.2	18.4	38.7	64.3	102.4	1.3	9.4	11.0
	CORPORATE OWNERSHIP OR CONTROL	58	49	4.4	23.3	3.9	7.2	18.4	38.7	64.3	102.4	1.3	9.4	11.0
	SINGLE UNIT COMPANIES, TOTAL	190	72	4.3	26.8	3.7	6.8	18.7	47.6	56.2	104.1	1.6	11.6	10.3
	CORPORATE OWNERSHIP OR CONTROL	155	69	4.1	25.8	3.6	6.5	17.9	46.0	54.2	100.6	1.5	11.3	10.0
	NONCORPORATE OWNERSHIP	35	3	.2	1.0	.2	.3	.7	1.6	1.9	3.5	.1	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	213	118	8.5	49.1	7.4	13.7	36.4	84.6	118.6	203.0	2.8	20.7	21.0
	NONCORPORATE, TOTAL	35	3	.2	1.0	.2	.3	.7	1.6	1.9	3.5	.1	.3	.3
	INDIVIDUAL	15	1	.1	.4	.1	.1	.3	.7	.9	1.5	.1	.1	.2
	PARTNERSHIP	12	2	.1	.4	.1	.1	.3	.7	.8	1.5	(Z)	.1	.1
	OTHER AND UNKNOWN	8	-	(Z)	.1	(Z)	.1	.1	.2	.2	.5	(Z)	.1	(Z)
3142	HOUSE SLIPPERS													
	TOTAL	91	66	8.5	48.1	7.1	12.7	33.4	85.7	66.5	151.4	1.6	22.0	23.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	20	18	4.0	21.5	3.2	5.9	14.7	42.2	31.1	73.3	.9	12.8	13.1
	CORPORATE OWNERSHIP OR CONTROL	20	18	4.0	21.5	3.2	5.9	14.7	42.2	31.1	73.3	.9	12.8	13.1
	SINGLE UNIT COMPANIES, TOTAL	71	48	4.6	26.6	3.9	6.8	18.7	43.5	35.4	78.0	.7	9.1	10.5
	CORPORATE OWNERSHIP OR CONTROL	66	48	4.6	26.6	3.9	6.8	18.6	43.4	35.3	77.9	.7	9.1	10.5
	NONCORPORATE OWNERSHIP	5	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.1	-	(Z)	(Z)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	86	66	8.5	48.0	7.1	12.7	33.4	85.6	66.4	151.2	1.6	22.0	23.6
	NONCORPORATE, TOTAL	5	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.1	-	(Z)	(Z)
	INDIVIDUAL	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3143	MEN'S FOOTWEAR, EXCEPT ATHLETIC													
	TOTAL	221	197	61.5	358.1	54.4	106.3	288.9	674.4	623.0	1 288.9	14.3	167.5	193.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	153	152	53.5	307.9	47.7	94.5	253.8	580.2	548.5	1 121.9	12.0	141.7	162.2
	CORPORATE OWNERSHIP OR CONTROL	153	152	53.5	307.9	47.7	94.5	253.8	580.2	548.5	1 121.9	12.0	141.7	162.2
	SINGLE UNIT COMPANIES, TOTAL	68	45	8.0	50.3	6.7	11.9	35.0	94.2	74.6	167.0	2.3	25.8	30.8
	CORPORATE OWNERSHIP OR CONTROL	61	45	8.0	50.0	6.7	11.8	34.9	93.9	74.3	166.4	2.3	25.7	30.8
	NONCORPORATE OWNERSHIP	7	-	(Z)	.2	(Z)	.1	.2	.3	.3	.6	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	214	197	61.4	357.9	54.4	106.3	288.7	674.0	622.8	1 288.4	14.3	167.3	193.0
	NONCORPORATE, TOTAL	7	-	(Z)	.2	(Z)	.1	.2	.3	.3	.6	(Z)	.1	.1
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.1	(D)	(Z)	(Z)
3144	WOMEN'S FOOTWEAR, EXCEPT ATHLETIC													
	TOTAL	422	316	77.4	408.4	70.0	128.5	334.3	763.6	591.6	1 346.1	14.8	126.2	141.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	215	203	60.1	320.1	54.6	101.5	267.8	620.7	476.6	1 089.3	12.0	96.2	110.1
	CORPORATE OWNERSHIP OR CONTROL	214	202	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	207	113	17.3	88.2	15.5	27.0	66.4	142.9	115.0	256.8	2.8	30.0	31.7
	CORPORATE OWNERSHIP OR CONTROL	178	112	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	29	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	392	314	77.2	407.2	69.8	128.2	333.3	761.4	590.0	1 342.4	14.8	125.8	141.3
	NONCORPORATE, TOTAL	30	2	.2	1.1	.2	.3	.9	2.1	1.6	3.7	(Z)	.4	.4
	INDIVIDUAL	12	-	(Z)	.2	(Z)	.1	.2	.3	.2	.5	(Z)	.1	.1
	PARTNERSHIP	10	2	.2	.7	.1	.2	.6	1.3	1.0	2.3	(Z)	.3	.3
	OTHER AND UNKNOWN	8	-	(Z)	.2	(Z)	.2	.2	.5	.3	.8	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3149	FOOTWEAR, EXCEPT RUBBER, N.E.C.													
	TOTAL	193	133	28.7	158.1	25.6	46.9	124.9	272.5	207.9	485.8	6.4	79.1	75.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	76	75	20.8	117.1	18.8	34.8	95.2	209.2	162.0	376.6	4.6	62.1	58.1
	CORPORATE OWNERSHIP OR CONTROL	76	75	20.8	117.1	18.8	34.8	95.2	209.2	162.0	376.6	4.6	62.1	58.1
	SINGLE UNIT COMPANIES, TOTAL	107	58	7.9	41.0	6.7	12.1	29.6	63.3	46.0	109.2	1.8	17.0	17.4
	CORPORATE OWNERSHIP OR CONTROL	81	56	7.8	40.3	6.6	11.9	29.0	62.1	44.9	106.9	1.8	16.7	17.1
	NONCORPORATE OWNERSHIP	26	2	.1	.7	.1	.3	.6	1.2	1.1	2.3	(Z)	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	157	131	28.6	157.4	25.4	46.7	124.2	271.3	206.8	483.5	6.4	78.9	75.2
	NONCORPORATE, TOTAL	26	2	.1	.7	.1	.3	.6	1.2	1.1	2.3	(Z)	.3	.3
	INDIVIDUAL	13	1	.1	.3	.1	.1	.2	.5	.4	.9	(Z)	.1	.1
	PARTNERSHIP	6	1	.1	.3	.1	.1	.3	.5	.6	1.1	(Z)	.1	.1
	OTHER AND UNKNOWN	7	-	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	(Z)	(Z)	(Z)
3151	LEATHER GLOVES AND MITTENS													
	TOTAL	106	60	4.9	22.1	4.3	7.6	17.1	43.0	55.0	98.2	.5	19.6	20.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	32	27	2.9	12.7	2.5	4.6	10.3	26.1	36.3	63.0	.4	11.9	12.3
	CORPORATE OWNERSHIP OR CONTROL	32	27	2.9	12.7	2.5	4.6	10.3	26.1	36.3	63.0	.4	11.9	12.3
	SINGLE UNIT COMPANIES, TOTAL	74	33	2.0	9.4	1.8	3.0	6.8	16.9	18.7	35.2	.2	7.7	8.0
	CORPORATE OWNERSHIP OR CONTROL	44	29	1.8	8.2	1.5	2.5	5.8	14.7	15.7	30.0	.1	6.9	7.2
	NONCORPORATE OWNERSHIP	30	4	.3	1.2	.3	.5	1.0	2.2	3.1	5.2	(Z)	.8	.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	76	56	4.6	20.9	4.0	7.2	16.1	40.8	52.0	93.0	.5	18.8	19.5
	NONCORPORATE, TOTAL	30	4	.3	1.2	.3	.5	1.0	2.2	3.1	5.2	(Z)	.8	.9
	INDIVIDUAL	15	1	.1	.4	.1	.2	.4	1.8	1.1	1.9	(Z)	.3	.3
	PARTNERSHIP	8	3	.2	.7	.2	.2	.6	1.0	1.5	2.4	(Z)	.3	.4
	OTHER AND UNKNOWN	7	-	(Z)	(Z)	(Z)	(Z)	(Z)	.4	.5	.9	(Z)	.2	.2
3161	LUGGAGE													
	TOTAL	277	130	17.1	106.8	14.3	26.4	75.6	194.1	171.9	364.5	8.9	59.7	66.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	41	34	9.6	65.4	7.9	14.5	45.9	120.9	111.8	230.9	7.3	46.2	52.2
	CORPORATE OWNERSHIP OR CONTROL	41	34	9.6	65.4	7.9	14.5	45.9	120.9	111.8	230.9	7.3	46.2	52.2
	SINGLE UNIT COMPANIES, TOTAL	236	96	7.5	41.4	6.4	11.9	29.7	73.3	60.1	133.6	1.6	13.4	13.8
	CORPORATE OWNERSHIP OR CONTROL	171	91	7.1	39.2	6.1	11.3	28.1	67.9	56.2	124.2	1.5	12.9	13.2
	NONCORPORATE OWNERSHIP	65	5	.4	2.1	.4	.6	1.6	5.4	3.9	9.3	.1	.6	.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	212	125	16.7	104.6	13.9	25.8	74.0	188.7	167.9	355.2	8.8	59.1	65.5
	NONCORPORATE, TOTAL	65	5	.4	2.1	.4	.6	1.6	5.4	3.9	9.3	.1	.6	.6
	INDIVIDUAL	38	1	.2	.9	.2	.3	.7	2.7	2.2	4.9	(Z)	.2	.2
	PARTNERSHIP	12	4	.1	.8	.1	.2	.7	1.8	1.2	2.9	(Z)	.3	.4
	OTHER AND UNKNOWN	15	-	.1	.4	.1	.1	.3	.9	.6	1.5	(Z)	(Z)	(Z)
3171	WOMEN'S HANDBAGS AND PURSES													
	TOTAL	444	214	22.2	121.7	19.8	36.6	93.2	201.5	166.5	365.0	3.7	34.2	37.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	48	46	7.5	41.9	6.7	12.4	32.4	69.3	67.4	135.5	1.0	17.3	18.3
	CORPORATE OWNERSHIP OR CONTROL	47	45	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	396	168	14.7	79.8	13.1	24.2	60.9	132.2	99.1	229.5	2.7	16.9	18.8
	CORPORATE OWNERSHIP OR CONTROL	306	159	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	90	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	353	204	21.4	117.5	19.0	35.2	89.7	193.6	161.5	352.2	3.6	33.1	35.9
	NONCORPORATE, TOTAL	91	10	.8	4.3	.8	1.4	3.5	7.9	5.0	12.8	.1	1.1	1.2
	INDIVIDUAL	47	6	.5	2.8	.5	.9	2.3	5.0	3.0	7.9	(Z)	.7	.8
	PARTNERSHIP	16	4	.2	.9	.1	.3	.7	1.8	1.2	3.0	(Z)	.3	.3
	OTHER AND UNKNOWN	23	-	.1	.6	.1	.2	.5	1.1	.8	1.8	(Z)	.1	.2
3172	PERSONAL LEATHER GOODS, N.E.C.													
	TOTAL	244	98	11.5	73.4	9.3	16.9	45.6	143.7	103.4	242.2	2.6	32.0	36.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	30	27	6.5	45.1	5.1	9.5	27.1	89.6	61.3	146.7	1.5	20.1	25.2
	CORPORATE OWNERSHIP OR CONTROL	30	27	6.5	45.1	5.1	9.5	27.1	89.6	61.3	146.7	1.5	20.1	25.2
	SINGLE UNIT COMPANIES, TOTAL	214	71	5.0	28.2	4.2	7.4	18.5	54.1	42.1	95.5	1.3	12.0	13.1
	CORPORATE OWNERSHIP OR CONTROL	141	66	4.5	25.9	3.8	6.7	16.7	48.8	38.3	86.4	1.1	11.0	12.0
	NONCORPORATE OWNERSHIP	73	5	.4	2.3	.4	.7	1.8	5.3	3.9	9.1	.2	1.0	1.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	171	93	11.0	71.0	8.9	16.3	43.8	138.4	99.6	233.1	2.6	31.0	37.2
	NONCORPORATE, TOTAL	73	5	.4	2.3	.4	.7	1.8	5.3	3.9	9.1	.2	1.0	1.1
	INDIVIDUAL	39	2	.1	.6	.1	.2	.4	1.9	1.4	3.3	(Z)	.5	.6
	PARTNERSHIP	11	3	.2	1.1	.2	.4	.9	2.1	1.7	3.8	(D)	.2	.2
	OTHER AND UNKNOWN	23	-	.1	.6	.1	.1	.4	1.2	.8	2.0	(D)	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3199	LEATHER GOODS, N.E.C.													
	TOTAL	448	99	7.2	42.5	6.1	11.2	29.4	84.3	81.0	161.3	2.2	26.4	30.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	39	29	2.2	13.3	1.8	3.5	9.2	28.7	29.5	54.6	1.0	11.4	14.1
	CORPORATE OWNERSHIP OR CONTROL	39	29	2.2	13.3	1.8	3.5	9.2	28.7	29.5	54.6	1.0	11.4	14.1
	SINGLE UNIT COMPANIES, TOTAL	409	70	5.0	29.2	4.2	7.6	20.3	55.6	51.6	106.8	1.2	15.0	16.1
	CORPORATE OWNERSHIP OR CONTROL	255	65	4.4	26.4	3.7	6.8	18.2	48.8	45.6	94.1	1.1	13.0	14.1
	NONCORPORATE OWNERSHIP	154	5	.5	2.8	.5	.9	2.1	6.8	6.0	12.7	.1	1.9	2.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	294	94	6.6	39.8	5.6	10.3	27.4	77.6	75.1	148.6	2.1	24.5	28.2
	NONCORPORATE, TOTAL	154	5	.5	2.8	.5	.9	2.1	6.8	6.0	12.7	.1	1.9	2.0
	INDIVIDUAL	89	5	.3	1.7	.3	.5	1.2	4.0	3.4	7.4	.1	1.1	1.2
	PARTNERSHIP	30	-	.1	.5	.1	.2	.4	1.6	1.7	3.3	(Z)	.4	.4
	OTHER AND UNKNOWN	35	-	.1	.6	.1	.2	.5	1.2	.9	2.1	(Z)	.4	.4
32	STONE, CLAY, GLASS PRODUCTS													
	TOTAL	16 015	5 301	623.2	5 546.9	492.6	998.1	4 037.3	12 586.5	9 062.6	21 537.5	1 195.5	2 354.1	2 490.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	4 605	2 880	450.8	4 179.5	360.6	737.9	3 130.8	9 808.0	6 602.4	16 308.1	921.6	1 968.8	2 085.5
	CORPORATE OWNERSHIP OR CONTROL	4 503	2 856	449.3	4 169.2	359.5	735.8	3 123.8	9 785.0	6 581.6	16 264.5	918.8	1 965.9	2 083.2
	NONCORPORATE OWNERSHIP	102	24	1.5	10.3	1.1	2.0	7.0	23.0	20.8	43.6	2.8	2.8	2.3
	SINGLE UNIT COMPANIES, TOTAL	11 410	2 421	172.3	1 367.4	132.0	260.2	906.5	2 778.6	2 460.2	5 229.5	273.9	385.3	405.4
	CORPORATE OWNERSHIP OR CONTROL	7 579	2 296	155.8	1 248.4	118.2	234.6	821.4	2 487.4	2 194.5	4 673.0	246.1	341.3	360.4
	NONCORPORATE OWNERSHIP	3 831	125	16.5	119.1	13.7	25.6	85.2	291.2	265.7	556.4	27.8	44.0	45.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	12 082	5 152	605.1	5 417.6	477.8	970.4	3 945.2	12 272.4	8 776.1	20 937.5	1 165.0	2 307.3	2 443.6
	NONCORPORATE, TOTAL	3 933	149	18.0	129.4	14.8	27.7	92.1	314.2	286.5	600.0	30.5	46.9	47.3
	INDIVIDUAL	1 861	65	7.7	53.3	6.4	11.6	38.0	131.7	117.1	248.4	12.9	21.0	21.6
	PARTNERSHIP	922	84	6.9	51.6	5.5	10.8	37.4	122.6	115.2	237.6	11.8	18.5	19.2
	OTHER AND UNKNOWN	1 150	-	3.5	24.4	2.9	5.2	16.8	59.9	54.2	114.0	5.9	9.4	9.5
3211	FLAT GLASS													
	TOTAL	32	30	20.9	241.9	17.0	37.0	194.2	662.1	281.0	937.1	95.0	92.1	100.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	29	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL	29	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	32	30	20.9	241.9	17.0	37.0	194.2	662.1	281.0	937.1	95.0	92.1	100.7
3221	GLASS CONTAINERS													
	TOTAL	117	115	72.9	659.4	64.5	128.1	554.8	1 399.7	746.9	2 126.5	121.1	247.2	271.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	114	112	72.2	652.9	63.9	126.8	549.2	1 387.0	739.9	2 106.7	120.3	245.1	269.9
	CORPORATE OWNERSHIP OR CONTROL	114	112	72.2	652.9	63.9	126.8	549.2	1 387.0	739.9	2 106.7	120.3	245.1	269.9
	SINGLE UNIT COMPANIES, TOTAL	3	3	.7	6.4	.6	1.3	5.6	12.8	7.0	19.8	.7	2.1	2.1
	CORPORATE OWNERSHIP OR CONTROL	3	3	.7	6.4	.6	1.3	5.6	12.8	7.0	19.8	.7	2.1	2.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	117	115	72.9	659.4	64.5	128.1	554.8	1 399.7	746.9	2 126.5	121.1	247.2	271.9
3229	PRESSED AND BLOWN GLASS, N.E.C.													
	TOTAL	252	110	45.9	398.1	39.3	78.6	317.8	941.4	337.2	1 267.3	55.6	174.1	187.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	76	71	39.9	357.7	34.1	68.5	286.4	870.6	316.4	1 176.3	52.9	164.7	177.6
	CORPORATE OWNERSHIP OR CONTROL	76	71	39.9	357.7	34.1	68.5	286.4	870.6	316.4	1 176.3	52.9	164.7	177.6
	SINGLE UNIT COMPANIES, TOTAL	176	39	6.0	40.4	5.3	10.1	31.4	70.7	20.8	91.0	2.7	9.4	10.2
	CORPORATE OWNERSHIP OR CONTROL	118	38	5.9	39.4	5.1	9.9	30.6	68.3	19.8	67.7	2.5	8.9	9.8
	NONCORPORATE OWNERSHIP	58	1	.1	1.0	.1	.2	.8	2.4	.9	3.3	.2	.4	.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	194	109	45.8	397.1	39.2	78.4	317.0	939.0	336.3	1 264.0	55.4	173.6	187.5
	NONCORPORATE, TOTAL	58	1	.1	1.0	.1	.2	.8	2.4	.9	3.3	.2	.4	.4
	INDIVIDUAL	27	-	(Z)	.3	(Z)	.1	.2	1.0	.4	1.4	.1	.2	.2
	PARTNERSHIP	12	1	(Z)	.3	(Z)	.1	.3	.6	.2	.8	(Z)	.1	.1
	OTHER AND UNKNOWN	19	-	(Z)	.4	(Z)	.1	.3	.7	.3	1.0	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages	(million dollars)	(million dollars)	(million dollars)	(million dollars)	1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3231	PRODUCTS OF PURCHASED GLASS													
	TOTAL	913	284	33.7	296.1	27.0	53.5	211.8	668.9	672.0	1 330.1	34.5	190.5	209.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	180	146	22.9	214.4	18.2	36.3	155.9	511.7	518.9	1 022.3	26.8	153.4	167.7
	CORPORATE OWNERSHIP OR CONTROL	180	146	22.9	214.4	18.2	36.3	155.9	511.7	518.9	1 022.3	26.8	153.4	167.7
	SINGLE UNIT COMPANIES, TOTAL	733	138	10.8	81.7	8.8	17.2	55.8	157.1	153.0	307.7	7.7	37.1	41.9
	CORPORATE OWNERSHIP OR CONTROL	493	134	10.0	76.0	8.1	16.0	51.7	145.5	139.6	289.7	7.2	33.4	36.1
	NONCORPORATE OWNERSHIP	240	4	.8	5.7	.7	1.2	4.1	11.7	13.4	25.0	.5	3.7	5.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	673	280	32.9	290.3	26.3	52.3	207.6	657.2	658.6	1 305.0	34.0	186.8	205.8
	NONCORPORATE, TOTAL	240	4	.8	5.7	.7	1.2	4.1	11.7	13.4	25.0	.5	3.7	5.8
	INDIVIDUAL	118	-	.3	2.3	.3	.5	1.7	4.8	5.4	10.2	.2	1.6	1.7
	PARTNERSHIP	39	4	.3	1.9	.2	.4	1.3	3.8	4.8	8.6	.1	1.0	1.1
	OTHER AND UNKNOWN	83	-	.2	1.5	.2	.3	1.1	3.1	3.2	6.2	.2	1.0	1.1
3241	CEMENT, HYDRAULIC													
	TOTAL	198	171	30.0	349.2	24.3	49.7	275.2	1 153.5	655.4	1 791.2	179.5	218.5	234.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	178	165	29.1	340.1	23.7	48.4	268.9	1 126.1	635.3	1 743.3	175.0	213.6	234.8
	CORPORATE OWNERSHIP OR CONTROL	178	165	29.1	340.1	23.7	48.4	268.9	1 126.1	635.3	1 743.3	175.0	213.6	234.8
	SINGLE UNIT COMPANIES, TOTAL	20	6	.8	9.1	.6	1.3	6.3	27.4	20.1	47.9	4.5	4.8	4.5
	CORPORATE OWNERSHIP OR CONTROL	18	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	196	171	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3251	BRICK AND STRUCTURAL CLAY TILE													
	TOTAL	417	302	24.1	168.4	20.4	42.2	128.5	336.4	170.5	513.0	38.6	59.0	53.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	192	172	14.9	105.3	12.6	26.0	82.5	218.8	106.3	330.1	26.5	43.1	38.2
	CORPORATE OWNERSHIP OR CONTROL	191	172	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	225	130	9.2	63.1	7.8	16.2	46.0	117.6	64.1	182.9	12.1	58.1	14.8
	CORPORATE OWNERSHIP OR CONTROL	191	122	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	34	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	382	294	23.6	165.0	20.0	41.4	126.0	329.6	167.4	503.1	38.3	57.7	52.1
	NONCORPORATE, TOTAL	35	8	.5	3.4	.4	.9	2.6	6.8	3.1	9.9	.3	.9	.9
	INDIVIDUAL	14	1	.1	.7	.1	.1	.6	1.4	.7	2.1	.1	.1	.2
	PARTNERSHIP	12	7	.4	2.4	.3	.7	1.8	5.0	2.2	7.2	.2	.6	.7
	OTHER AND UNKNOWN	9	-	(Z)	.2	(Z)	.1	.2	.3	.2	.6	(Z)	.1	.1
3253	CERAMIC WALL AND FLOOR TILE													
	TOTAL	83	56	8.3	58.5	6.8	14.0	43.4	112.3	65.8	175.6	7.6	33.4	35.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	38	35	6.8	48.6	5.6	11.6	36.8	95.4	57.8	150.8	7.1	29.5	30.9
	CORPORATE OWNERSHIP OR CONTROL	38	35	6.8	48.6	5.6	11.6	36.8	95.4	57.8	150.8	7.1	29.5	30.9
	SINGLE UNIT COMPANIES, TOTAL	45	21	1.5	9.9	1.2	2.4	6.6	16.9	8.0	24.8	.5	3.9	4.1
	CORPORATE OWNERSHIP OR CONTROL	34	21	1.5	9.7	1.2	2.4	6.5	16.7	7.9	24.4	.4	3.9	4.0
	NONCORPORATE OWNERSHIP	11	-	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	72	56	8.2	58.4	6.8	14.0	43.3	112.1	65.6	175.3	7.6	33.4	34.9
	NONCORPORATE, TOTAL	11	-	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	(Z)	.1	.1
	INDIVIDUAL	5	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(Z)	.1	(D)	(Z)	(Z)
	OTHER AND UNKNOWN	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	(D)	.1	.1
3255	CLAY REFRACTORIES													
	TOTAL	156	101	11.2	100.5	8.5	16.6	66.3	202.1	131.3	336.0	10.8	84.1	83.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	103	86	10.2	92.6	7.7	15.2	61.1	187.3	121.4	311.2	10.1	81.3	80.4
	CORPORATE OWNERSHIP OR CONTROL	103	86	10.2	92.6	7.7	15.2	61.1	187.3	121.4	311.2	10.1	81.3	80.4
	SINGLE UNIT COMPANIES, TOTAL	53	15	1.0	7.9	.8	1.5	5.2	14.8	9.9	24.8	.7	2.8	2.8
	CORPORATE OWNERSHIP OR CONTROL	41	14	.9	7.4	.7	1.3	4.8	13.8	9.5	23.3	.7	2.6	2.6
	NONCORPORATE OWNERSHIP	12	1	.1	.5	.1	.1	.4	1.0	.4	1.5	.1	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	144	100	11.2	100.0	8.4	16.5	65.9	201.1	130.9	334.5	10.8	83.9	83.0
	NONCORPORATE, TOTAL	12	1	.1	.5	.1	.1	.4	1.0	.4	1.5	.1	.2	.2
	INDIVIDUAL	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.2	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3259	STRUCTURAL CLAY PRODUCTS, N.E.C.													
	TOTAL	119	70	8.2	64.0	6.8	13.5	49.5	119.8	62.6	180.7	7.0	30.2	32.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	53	47	6.6	51.8	5.4	10.9	40.2	100.1	51.9	150.7	6.3	26.6	28.9
	CORPORATE OWNERSHIP OR CONTROL	52	47	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	66	23	1.6	12.1	1.4	2.6	9.3	19.6	10.7	30.0	.8	3.5	4.0
	CORPORATE OWNERSHIP OR CONTROL	53	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	13	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	105	69	8.2	63.7	6.7	13.5	49.3	119.3	62.4	180.0	7.0	30.0	32.7
	NONCORPORATE, TOTAL	14	1	.1	.3	(Z)	.1	.2	.5	.2	.7	(Z)	.2	.1
	INDIVIDUAL	9	1	(Z)	.2	(Z)	.1	.1	.1	.1	.5	(Z)	.1	.1
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3261	VITREOUS PLUMBING FIXTURES													
	TOTAL	59	40	9.6	86.5	8.3	16.5	72.5	186.8	84.5	270.0	5.8	28.1	31.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	32	31	8.4	76.1	7.2	14.3	64.2	163.1	73.8	236.8	4.8	25.0	26.5
	CORPORATE OWNERSHIP OR CONTROL	32	31	8.4	76.1	7.2	14.3	64.2	163.1	73.8	236.8	4.8	25.0	26.5
	SINGLE UNIT COMPANIES, TOTAL	27	9	1.3	10.4	1.1	2.2	8.4	23.7	10.8	33.2	1.0	3.2	4.8
	CORPORATE OWNERSHIP OR CONTROL	23	9	1.3	10.4	1.1	2.2	8.4	23.7	10.8	33.2	(D)	3.2	4.8
	NONCORPORATE OWNERSHIP	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(D)	(Z)	(Z)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	55	40	9.6	86.5	8.3	16.5	72.5	186.8	84.5	270.0	(D)	28.1	31.3
	NONCORPORATE, TOTAL	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(D)	(Z)	(Z)
	INDIVIDUAL	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3262	VITREOUS CHINA FOOD UTENSILS													
	TOTAL	34	20	5.9	41.2	4.9	9.3	29.3	67.4	13.7	81.9	1.8	14.7	14.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	8	8	4.4	31.7	3.5	6.7	22.1	51.9	10.9	63.3	1.1	12.8	12.4
	CORPORATE OWNERSHIP OR CONTROL	8	8	4.4	31.7	3.5	6.7	22.1	51.9	10.9	63.3	1.1	12.8	12.4
	SINGLE UNIT COMPANIES, TOTAL	26	12	1.6	9.5	1.4	2.6	7.2	15.5	2.7	18.5	.8	1.9	1.6
	CORPORATE OWNERSHIP OR CONTROL	18	11	1.5	9.3	1.4	2.5	7.1	14.9	2.7	18.0	.7	1.8	1.5
	NONCORPORATE OWNERSHIP	8	1	(Z)	.2	(Z)	.1	.1	.5	.1	.6	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	26	19	5.9	41.0	4.9	9.2	29.1	66.8	13.6	81.3	1.8	14.6	13.9
	NONCORPORATE, TOTAL	8	1	(Z)	.2	(Z)	.1	.1	.5	.1	.6	(Z)	.1	.1
	INDIVIDUAL	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3263	FINE EARTHENWARE FOOD UTENSILS													
	TOTAL	18	15	6.8	41.4	5.7	10.8	30.8	56.2	18.1	74.3	3.1	18.4	18.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	6	8	4.8	30.9	4.0	7.6	22.6	39.6	13.4	53.6	2.9	15.2	14.5
	CORPORATE OWNERSHIP OR CONTROL	6	8	4.8	30.9	4.0	7.6	22.6	39.6	13.4	53.6	2.9	15.2	14.5
	SINGLE UNIT COMPANIES, TOTAL	10	7	2.0	10.5	1.7	3.3	8.3	16.6	4.7	20.7	.2	3.2	3.8
	CORPORATE OWNERSHIP OR CONTROL	10	7	2.0	10.5	1.7	3.3	8.3	16.6	4.7	20.7	.2	3.2	3.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	16	15	6.8	41.4	5.7	10.8	30.8	56.2	18.1	74.3	3.1	18.4	18.2
3264	PORCELAIN ELECTRICAL SUPPLIES													
	TOTAL	83	64	13.4	114.0	10.9	21.9	85.4	190.4	85.5	274.6	7.2	41.9	44.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	37	36	10.9	96.9	8.8	17.7	72.9	159.4	74.6	233.0	5.5	37.7	39.6
	CORPORATE OWNERSHIP OR CONTROL	37	36	10.9	96.9	8.8	17.7	72.9	159.4	74.6	233.0	5.5	37.7	39.6
	SINGLE UNIT COMPANIES, TOTAL	46	28	2.4	17.2	2.1	4.1	12.6	30.9	10.9	41.6	1.7	4.2	4.6
	CORPORATE OWNERSHIP OR CONTROL	41	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	76	63	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.2	(Z)	(Z)	(Z)
	PARTNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3269	POTTERY PRODUCTS, N.E.C.													
	TOTAL	426	95	9.1	57.2	7.6	14.8	37.6	99.9	33.8	134.0	5.2	13.8	14.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	28	23	2.8	16.7	2.1	4.2	11.2	27.9	11.2	39.7	2.1	6.3	5.8
	CORPORATE OWNERSHIP OR CONTROL	27	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	398	72	6.4	35.5	5.5	10.5	26.4	72.0	22.7	94.3	3.0	7.4	6.2
	CORPORATE OWNERSHIP OR CONTROL	164	62	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	234	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	191	84	8.1	47.8	6.7	13.2	34.2	89.3	29.8	119.4	4.9	12.3	12.5
	NONCORPORATE, TOTAL	235	11	1.0	4.4	.9	1.6	3.5	10.6	4.0	14.5	.3	1.5	1.5
	INDIVIDUAL	131	8	.6	2.8	.6	1.0	2.2	6.5	2.5	9.0	.2	.9	1.0
	PARTNERSHIP	31	3	.2	.9	.2	.3	.7	1.8	.7	2.4	(Z)	.2	.2
	OTHER AND UNKNOWN	73	-	.1	.7	.1	.3	.5	2.3	.8	3.1	(Z)	.3	.3
3271	CONCRETE BLOCK AND BRICK													
	TOTAL	1 388	416	22.8	196.0	15.2	31.5	115.0	438.5	421.8	855.7	46.2	85.4	88.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	250	136	7.0	62.7	4.9	10.7	40.3	140.1	136.5	274.7	13.7	31.4	31.7
	CORPORATE OWNERSHIP OR CONTROL	250	136	7.0	62.7	4.9	10.7	40.3	140.1	136.5	274.7	13.7	31.4	31.7
	NONCORPORATE OWNERSHIP	1 138	280	15.8	133.2	10.3	20.8	74.7	298.3	285.3	580.9	32.6	53.9	56.9
	SINGLE UNIT COMPANIES, TOTAL	805	265	14.1	121.6	9.0	18.5	67.1	267.8	256.7	521.8	29.5	47.0	49.9
	CORPORATE OWNERSHIP OR CONTROL	333	15	1.7	11.7	1.2	2.4	7.6	30.5	28.6	59.1	3.1	6.9	7.0
	NONCORPORATE OWNERSHIP	1 055	401	21.1	184.3	13.9	29.2	107.4	407.9	393.2	796.6	43.1	78.5	81.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	333	15	1.7	11.7	1.2	2.4	7.6	30.5	28.6	59.1	3.1	6.9	7.0
	NONCORPORATE, TOTAL	137	6	.7	4.0	.5	.9	2.7	11.5	9.8	21.2	1.3	2.4	2.4
	INDIVIDUAL	100	9	.7	5.5	.5	1.0	3.6	13.7	14.3	27.9	1.3	3.3	3.3
	PARTNERSHIP	96	-	.3	2.2	.2	.4	1.4	5.4	4.5	10.0	.5	1.2	1.2
	OTHER AND UNKNOWN													
3272	CONCRETE PRODUCTS, N.E.C.													
	TOTAL	3 595	923	67.7	570.2	53.6	109.9	401.0	1 190.1	786.4	1 961.4	96.2	249.5	260.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	749	461	33.8	300.4	26.7	56.1	215.9	661.2	429.3	1 079.7	50.3	153.6	160.0
	CORPORATE OWNERSHIP OR CONTROL	724	453	33.4	297.0	26.4	55.5	213.8	654.7	424.5	1 068.6	49.9	152.5	158.7
	NONCORPORATE OWNERSHIP	25	8	.4	3.3	.3	.5	2.1	6.5	4.8	11.1	.5	1.1	1.3
	SINGLE UNIT COMPANIES, TOTAL	2 846	462	33.8	269.8	26.9	53.8	185.1	528.9	357.1	881.7	45.9	95.9	100.4
	CORPORATE OWNERSHIP OR CONTROL	1 628	442	29.8	241.5	23.5	47.2	164.7	458.6	310.8	765.2	40.1	81.7	86.1
	NONCORPORATE OWNERSHIP	1 218	20	4.0	28.3	3.4	6.6	20.4	70.3	46.3	116.5	5.8	14.2	14.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	2 352	895	63.2	538.5	49.9	102.7	378.5	1 113.3	735.3	1 833.8	90.0	234.1	244.7
	NONCORPORATE, TOTAL	1 243	28	4.4	31.7	3.7	7.1	22.5	76.8	51.0	127.6	6.2	15.3	15.6
	INDIVIDUAL	631	17	2.2	16.1	1.9	3.7	11.6	39.9	26.2	65.9	3.2	8.3	8.5
	PARTNERSHIP	244	11	1.2	8.7	.9	1.8	5.9	21.1	14.4	35.4	1.7	3.8	3.9
	OTHER AND UNKNOWN	368	-	1.0	6.9	.9	1.7	5.0	15.9	10.4	26.3	1.4	3.2	3.2
3273	READY-MIXED CONCRETE													
	TOTAL	4 915	1 328	85.7	809.3	56.9	114.4	497.4	1 756.7	2 291.8	4 050.9	247.8	112.4	116.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	1 535	587	37.8	382.0	23.8	49.3	229.1	842.9	1 152.0	1 996.7	117.4	60.5	61.6
	CORPORATE OWNERSHIP OR CONTROL	1 476	577	37.2	377.3	23.4	48.5	226.0	830.5	1 138.2	1 970.5	115.3	56.6	61.0
	NONCORPORATE OWNERSHIP	59	10	.6	4.7	.4	.8	3.1	12.4	13.8	26.2	2.1	1.4	.6
	SINGLE UNIT COMPANIES, TOTAL	3 380	741	48.0	427.2	33.1	65.1	268.3	913.9	1 139.8	2 054.2	130.4	51.8	54.5
	CORPORATE OWNERSHIP OR CONTROL	2 427	700	42.9	385.4	29.1	57.9	239.5	807.5	1 002.8	1 811.1	115.8	44.4	46.7
	NONCORPORATE OWNERSHIP	953	41	5.1	41.8	3.9	7.2	28.7	106.4	137.0	243.2	14.6	7.4	7.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	3 903	1 277	80.0	762.7	52.5	106.4	465.5	1 637.9	2 141.0	3 781.5	231.1	103.5	107.7
	NONCORPORATE, TOTAL	1 012	51	5.7	46.6	4.3	8.0	31.9	118.8	150.8	269.4	16.7	8.8	8.4
	INDIVIDUAL	434	20	2.3	18.1	1.8	3.2	12.4	45.6	57.8	103.2	6.7	3.3	3.6
	PARTNERSHIP	287	31	2.3	19.9	1.7	3.3	14.1	49.5	63.5	113.0	6.8	3.7	3.1
	OTHER AND UNKNOWN	201	-	1.1	8.6	.8	1.5	5.4	23.6	29.6	53.2	3.2	1.7	1.7
3274	LIME													
	TOTAL	103	69	5.7	50.0	4.8	10.4	36.9	129.3	109.0	236.1	39.4	19.0	18.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	74	61	5.2	45.8	4.3	9.4	35.9	117.9	100.4	218.2	38.6	18.4	18.2
	CORPORATE OWNERSHIP OR CONTROL	74	61	5.2	45.8	4.3	9.4	35.9	117.9	100.4	218.2	38.6	18.4	18.2
	NONCORPORATE OWNERSHIP	29	8	.5	4.2	.4	.9	3.0	11.4	8.6	20.0	.9	.6	.6
	SINGLE UNIT COMPANIES, TOTAL	14	8	.3	2.4	.2	.5	1.8	6.8	5.9	12.7	.3	.4	.4
	CORPORATE OWNERSHIP OR CONTROL	15	3	.3	1.8	.2	.4	1.2	4.5	2.7	7.3	.6	.2	.2
	NONCORPORATE OWNERSHIP													
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	88	66	5.5	48.2	4.6	9.9	37.7	124.8	106.3	230.6	38.6	18.8	18.6
	NONCORPORATE, TOTAL	15	3	.3	1.8	.2	.4	1.2	4.5	2.7	7.3	.6	.2	.2
	INDIVIDUAL	8	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	5	2	.2	1.6	.2	.4	1.1	4.0	2.3	6.3	.5	.2	.2
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3275	GYPSUM PRODUCTS													
	TOTAL	114	84	11.2	115.5	9.0	21.1	88.7	325.1	317.5	640.3	23.3	48.8	52.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	84	78	10.8	112.0	8.7	20.5	86.3	316.9	304.6	619.4	22.6	47.6	50.8
	CORPORATE OWNERSHIP OR CONTROL	84	78	10.8	112.0	8.7	20.5	86.3	316.9	304.6	619.4	22.6	47.6	50.8
	SINGLE UNIT COMPANIES, TOTAL	30	6	.4	3.5	.3	.6	2.4	8.3	12.8	20.9	.7	1.2	1.3
	CORPORATE OWNERSHIP OR CONTROL	18	6	.4	3.2	.3	.6	2.2	7.5	12.0	19.4	.7	1.0	1.2
	NONCORPORATE OWNERSHIP	12	-	(Z)	.3	(Z)	.1	.2	.8	.8	1.6	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	102	84	11.2	115.2	8.9	21.0	88.5	324.4	316.6	638.8	23.3	48.6	52.0
	NONCORPORATE, TOTAL	12	-	(Z)	.3	(Z)	.1	.2	.8	.8	1.6	(Z)	.2	.2
	INDIVIDUAL	6	-	(D)	.2	(D)	(Z)	.1	.5	.6	1.1	(D)	.1	.1
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3281	CUT STONE AND STONE PRODUCTS													
	TOTAL	908	192	15.0	109.2	12.6	24.2	84.7	191.4	117.6	304.5	12.6	36.3	40.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	109	62	5.7	44.2	4.8	9.5	35.5	76.0	49.4	121.4	4.8	16.5	20.5
	CORPORATE OWNERSHIP OR CONTROL	102	59	5.3	42.7	4.5	9.0	34.3	73.2	47.7	116.9	4.7	16.3	20.3
	NONCORPORATE OWNERSHIP	7	3	.3	1.5	.3	.5	1.2	2.8	1.7	4.5	.1	.2	.3
	SINGLE UNIT COMPANIES, TOTAL	799	130	9.4	65.0	7.8	14.7	49.2	115.4	68.2	183.1	7.8	19.8	20.2
	CORPORATE OWNERSHIP OR CONTROL	506	120	8.0	56.7	6.6	12.5	42.3	97.3	56.9	153.7	7.0	16.7	17.0
	NONCORPORATE OWNERSHIP	293	10	1.4	8.3	1.2	2.3	6.9	18.1	11.3	29.4	.9	3.1	3.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	608	179	13.3	99.4	11.1	21.4	76.6	170.4	104.6	270.6	11.7	33.0	37.3
	NONCORPORATE, TOTAL	300	13	1.7	9.8	1.5	2.8	8.1	20.9	13.0	33.9	1.0	3.3	3.4
	INDIVIDUAL	137	5	.6	3.7	.6	1.0	3.0	8.4	5.3	13.7	.5	1.4	1.5
	PARTNERSHIP	88	8	.8	4.5	.7	1.4	3.8	9.3	5.6	14.9	.3	1.3	1.3
	OTHER AND UNKNOWN	75	-	.3	1.6	.2	.4	1.3	3.2	2.1	5.3	.2	.6	.6
3291	ABRASIVE PRODUCTS													
	TOTAL	392	167	24.5	229.4	17.2	33.1	138.1	529.6	361.6	888.1	17.2	144.5	147.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	116	95	20.1	192.1	14.0	27.2	116.1	450.6	292.5	740.4	13.6	126.3	128.8
	CORPORATE OWNERSHIP OR CONTROL	115	94	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	276	72	4.3	37.3	3.2	6.0	22.0	79.1	69.1	147.7	3.6	18.1	19.2
	CORPORATE OWNERSHIP OR CONTROL	232	72	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	44	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	347	166	24.3	228.0	17.0	32.9	137.1	526.2	359.0	882.0	17.1	143.3	146.8
	NONCORPORATE, TOTAL	45	1	.2	1.4	.1	.3	1.0	3.4	2.7	6.1	.1	1.2	1.1
	INDIVIDUAL	22	-	.1	.5	(Z)	.1	.3	1.4	1.1	2.4	(Z)	.3	.3
	PARTNERSHIP	10	1	.1	.6	.1	.1	.4	1.6	1.3	2.9	.1	.7	.7
	OTHER AND UNKNOWN	13	-	(Z)	.3	(Z)	.1	.2	.5	.3	.8	(Z)	.1	.1
3292	ASBESTOS PRODUCTS													
	TOTAL	142	97	21.0	191.0	16.6	34.5	142.8	426.1	343.5	763.4	20.4	133.4	136.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	99	88	20.4	185.7	16.1	33.5	139.3	415.2	330.7	739.9	19.9	130.4	133.0
	CORPORATE OWNERSHIP OR CONTROL	99	88	20.4	185.7	16.1	33.5	139.3	415.2	330.7	739.9	19.9	130.4	133.0
	SINGLE UNIT COMPANIES, TOTAL	43	9	.7	5.3	.5	1.0	3.5	10.8	12.8	23.4	.5	3.0	3.3
	CORPORATE OWNERSHIP OR CONTROL	37	9	.6	5.1	.5	1.0	3.4	10.5	12.6	22.8	.5	2.9	3.2
	NONCORPORATE OWNERSHIP	6	-	(Z)	.2	(Z)	(Z)	.1	.3	.3	.6	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	136	97	21.0	190.8	16.6	34.4	142.7	425.8	343.2	762.8	20.4	133.3	136.2
	NONCORPORATE, TOTAL	6	-	(Z)	.2	(Z)	(Z)	.1	.3	.3	.6	(Z)	.1	.1
	INDIVIDUAL	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3293	GASKETS, PACKING, SEALING DEVICES													
	TOTAL	374	184	27.7	220.4	21.1	42.7	146.9	428.5	252.6	665.4	24.9	83.0	101.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	93	82	21.0	170.2	16.0	32.7	116.3	333.4	182.1	500.9	19.5	64.5	81.3
	CORPORATE OWNERSHIP OR CONTROL	93	82	21.0	170.2	16.0	32.7	116.3	333.4	182.1	500.9	19.5	64.5	81.3
	SINGLE UNIT COMPANIES, TOTAL	281	102	6.7	50.3	5.2	10.0	30.6	95.1	70.5	164.5	5.4	18.5	20.6
	CORPORATE OWNERSHIP OR CONTROL	234	98	6.4	48.3	4.9	9.5	29.2	90.7	66.7	156.2	5.2	17.5	19.6
	NONCORPORATE OWNERSHIP	47	4	.3	2.0	.3	.5	1.4	4.4	3.8	8.3	.2	.9	1.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	327	180	27.4	218.4	20.9	42.2	145.6	424.1	248.8	657.1	24.7	82.1	100.9
	NONCORPORATE, TOTAL	47	4	.3	2.0	.3	.5	1.4	4.4	3.8	8.3	.2	.9	1.0
	INDIVIDUAL	25	3	.2	1.4	.2	.3	.9	3.1	2.9	6.0	.2	.7	.7
	PARTNERSHIP	7	1	.1	.3	(Z)	.1	.2	.7	.6	1.3	(Z)	.2	.2
	OTHER AND UNKNOWN	15	-	(Z)	.3	(Z)	.1	.2	.7	.3	1.0	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3295	MINERALS, GROUND OR TREATED													
	TOTAL	488	152	9.5	87.9	7.6	16.2	64.6	237.2	177.3	412.0	30.0	37.0	40.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	248	120	7.1	67.1	5.7	12.3	50.0	189.5	137.6	324.7	24.4	29.4	31.0
	CORPORATE OWNERSHIP OR CONTROL	245	120	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	240	32	2.4	20.8	1.9	3.9	14.6	47.7	39.7	87.3	5.7	7.6	9.3
	CORPORATE OWNERSHIP OR CONTROL	163	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	77	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	408	151	9.3	86.0	7.4	15.8	63.1	232.5	174.7	404.7	29.6	36.4	39.6
	NONCORPORATE, TOTAL	80	1	.2	1.9	.2	.4	1.5	4.7	2.6	7.4	.5	.6	.6
	INDIVIDUAL	32	-	.1	.6	.1	.1	.5	1.8	1.0	2.8	.2	.3	.3
	PARTNERSHIP	21	1	.1	.7	.1	.2	.6	1.6	1.1	2.6	.2	.2	.2
	OTHER AND UNKNOWN	27	-	.1	.5	.1	.1	.4	1.4	.6	2.0	.1	.2	.2
3296	MINERAL WOOL													
	TOTAL	108	75	18.0	172.3	14.7	30.8	135.7	441.5	315.6	755.4	50.1	52.2	54.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	68	60	17.3	166.1	14.2	29.7	132.1	427.8	302.1	728.3	49.0	50.3	53.0
	CORPORATE OWNERSHIP OR CONTROL	67	60	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	40	15	.8	6.2	.6	1.1	3.7	13.7	13.5	27.2	1.1	1.9	1.9
	CORPORATE OWNERSHIP OR CONTROL	31	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	9	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	98	74	18.0	171.9	14.7	30.7	135.4	440.4	314.9	753.6	50.0	52.1	54.8
	NONCORPORATE, TOTAL	10	1	(Z)	.4	(Z)	.1	.3	1.1	.7	1.8	.1	.1	.1
	INDIVIDUAL	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	5	1	(Z)	.2	(Z)	.1	.2	.6	.3	.9	(Z)	(Z)	(Z)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3297	NONCLAY REFRACTORIES													
	TOTAL	90	60	8.1	78.3	6.0	12.8	54.5	191.1	151.1	343.6	9.3	87.4	81.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	60	54	7.7	74.4	5.7	12.2	52.2	181.8	144.6	327.9	8.9	85.0	79.1
	CORPORATE OWNERSHIP OR CONTROL	60	54	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	30	6	.4	3.9	.3	.6	2.3	9.2	6.5	15.6	.5	2.4	2.5
	SINGLE UNIT COMPANIES, TOTAL	24	6	.4	3.5	.3	.5	2.0	8.2	5.1	13.4	.4	2.2	2.2
	CORPORATE OWNERSHIP OR CONTROL	6	-	.1	.4	(Z)	.1	.3	1.0	1.3	2.3	.1	.2	.3
	NONCORPORATE OWNERSHIP	18	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	84	60	8.0	77.9	6.0	12.7	54.2	190.1	149.8	341.3	9.2	87.2	81.3
	NONCORPORATE, TOTAL	6	-	.1	.4	(Z)	.1	.3	1.0	1.3	2.3	.1	.2	.3
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3299	NONMETALLIC MINERAL PRODUCTS, N.E.C.													
	TOTAL	491	81	6.3	46.0	5.2	9.9	31.9	104.7	58.7	166.5	5.0	19.1	16.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	44	28	2.5	19.9	2.0	3.9	14.3	55.1	28.3	83.0	2.6	8.4	8.9
	CORPORATE OWNERSHIP OR CONTROL	41	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	447	53	3.8	26.2	3.2	5.9	17.6	49.6	30.4	83.5	2.4	10.7	7.2
	CORPORATE OWNERSHIP OR CONTROL	250	50	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	197	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	201	77	5.7	42.6	4.7	9.1	29.6	96.9	54.1	154.1	4.6	17.7	14.7
	NONCORPORATE, TOTAL	200	4	.6	3.5	.5	.8	2.3	7.8	4.6	12.4	.5	1.4	1.4
	INDIVIDUAL	101	2	.3	1.7	.3	.4	1.1	3.6	2.2	5.8	.1	.7	.7
	PARTNERSHIP	41	2	.2	1.0	.2	.2	.7	2.3	1.3	3.6	.2	.3	.4
	OTHER AND UNKNOWN	58	-	.1	.8	.1	.2	.5	1.9	1.2	3.1	.1	.4	.4
33	PRIMARY METAL INDUSTRIES													
	TOTAL	6 792	3 901	1 142.8	12 166.5	922.7	1 849.9	9 202.4	23 258.1	35 708.9	58 429.7	2 160.0	9 175.7	9 699.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	2 402	2 118	987.8	10 823.3	794.0	1 596.3	8 215.6	20 786.0	33 157.7	53 417.2	1 985.3	8 674.4	9 173.5
	CORPORATE OWNERSHIP OR CONTROL	2 389	2 112	987.2	10 818.9	793.6	1 595.3	8 212.8	20 779.3	33 149.8	53 402.6	1 984.5	8 672.6	9 171.4
	NONCORPORATE OWNERSHIP	13	6	.6	4.4	.5	1.0	2.8	6.8	7.9	14.7	.8	1.9	2.1
	SINGLE UNIT COMPANIES, TOTAL	4 390	1 783	155.0	1 343.2	128.6	253.6	986.8	2 472.1	2 551.3	5 012.4	175.4	501.3	525.6
	CORPORATE OWNERSHIP OR CONTROL	3 594	1 730	150.2	1 307.0	124.3	245.3	957.6	2 395.2	2 472.6	4 857.4	169.9	488.9	512.8
	NONCORPORATE OWNERSHIP	796	53	4.9	36.2	4.4	8.3	29.2	76.8	78.7	155.0	5.4	12.4	12.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	5 983	3 842	1 137.3	12 125.9	917.8	1 840.7	9 170.4	23 174.5	35 622.4	58 260.0	2 154.4	9 161.6	9 684.2
	NONCORPORATE, TOTAL	809	59	5.5	40.6	4.8	9.3	32.0	83.6	86.5	169.7	6.2	14.1	14.9
	INDIVIDUAL	387	24	2.4	17.7	2.2	4.1	13.9	34.8	24.6	59.5	2.6	4.9	5.1
	PARTNERSHIP	210	35	2.3	17.4	2.0	3.9	13.9	38.3	51.3	89.2	2.4	7.3	7.9
	OTHER AND UNKNOWN	200	-	.7	5.5	.6	1.2	4.2	10.6	10.6	21.1	1.2	1.9	2.0

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new ² (million dollars)	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3312	BLAST FURNACES AND STEEL MILLS													
	TOTAL	364	251	469.1	5 537.8	379.3	739.1	4 254.3	10 304.7	14 022.6	23 946.7	961.2	4 153.7	4 571.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	224	218	459.4	5 419.5	371.2	723.1	4 158.8	10 074.4	13 784.8	23 474.5	946.3	4 072.4	4 488.0
	CORPORATE OWNERSHIP OR CONTROL . .	223	218	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	140	33	9.7	118.3	8.1	16.0	95.5	230.3	237.8	472.2	14.9	81.3	83.6
	CORPORATE OWNERSHIP OR CONTROL . .	112	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	28	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	335	250	469.0	5 536.7	379.2	738.9	4 253.5	10 302.3	14 019.9	23 941.6	960.8	4 152.8	4 570.7
	NONCORPORATE, TOTAL	29	1	.1	1.1	.1	.2	.8	2.4	2.8	5.1	.4	.9	.9
	INDIVIDUAL	14	-	.1	.4	(Z)	.1	.3	1.1	.9	2.0	.1	.3	.3
	PARTNERSHIP	7	1	(Z)	.4	(Z)	.1	.3	1.0	1.3	2.3	.1	.5	.5
	OTHER AND UNKNOWN	8	-	(Z)	.2	(Z)	(Z)	.1	.4	.5	.9	.2	.1	.2
3313	ELECTROMETALLURGICAL PRODUCTS													
	TOTAL	40	31	9.5	94.1	7.8	15.1	71.7	217.2	335.4	550.1	26.3	170.8	173.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	28	28	9.3	92.4	7.6	14.9	70.7	213.3	328.7	538.8	25.7	168.7	171.4
	CORPORATE OWNERSHIP OR CONTROL . .	28	28	9.3	92.4	7.6	14.9	70.7	213.3	328.7	538.8	25.7	168.7	171.4
	SINGLE UNIT COMPANIES, TOTAL	12	3	.2	1.7	.1	.3	1.0	3.9	6.7	11.2	.0	2.1	1.5
	CORPORATE OWNERSHIP OR CONTROL . .	10	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	38	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3315	STEEL WIRE AND RELATED PRODUCTS													
	TOTAL	289	199	30.6	287.9	24.1	49.4	202.1	583.5	657.8	1 227.7	26.6	244.3	263.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	147	133	24.3	234.6	18.9	38.9	164.1	470.2	539.1	994.1	21.1	206.4	224.9
	CORPORATE OWNERSHIP OR CONTROL . .	147	133	24.3	234.6	18.9	38.9	164.1	470.2	539.1	994.1	21.1	206.4	224.9
	SINGLE UNIT COMPANIES, TOTAL	142	66	6.2	53.3	5.2	10.5	38.1	113.3	118.7	233.6	5.5	37.9	39.0
	CORPORATE OWNERSHIP OR CONTROL . .	128	65	6.2	52.4	5.1	10.4	37.4	112.1	117.3	230.7	5.5	36.9	38.5
	NONCORPORATE OWNERSHIP	14	1	.1	.8	.1	.1	.6	1.2	1.5	3.0	(Z)	1.0	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	275	198	30.5	287.1	24.0	49.3	201.5	582.3	656.3	1 224.8	26.6	243.2	263.4
	NONCORPORATE, TOTAL	14	1	.1	.8	.1	.1	.6	1.2	1.5	3.0	(Z)	1.0	.5
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	7	1	.1	.8	.1	.1	.6	1.1	1.4	2.8	(Z)	.9	.5
	OTHER AND UNKNOWN	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3316	COLD FINISHING OF STEEL SHAPES													
	TOTAL	125	93	20.1	223.3	15.6	31.8	162.3	504.6	1 144.2	1 635.7	20.6	265.9	289.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	83	74	18.8	209.2	14.5	29.6	152.7	465.7	1 055.4	1 509.1	18.1	248.8	270.8
	CORPORATE OWNERSHIP OR CONTROL . .	83	74	18.8	209.2	14.5	29.6	152.7	465.7	1 055.4	1 509.1	18.1	248.8	270.8
	SINGLE UNIT COMPANIES, TOTAL	42	19	1.3	14.0	1.1	2.2	9.6	38.9	88.7	126.6	2.5	17.1	19.1
	CORPORATE OWNERSHIP OR CONTROL . .	36	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	121	92	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3317	STEEL PIPE AND TUBES													
	TOTAL	152	122	23.6	245.5	18.8	39.0	181.8	506.1	807.9	1 292.1	24.1	234.2	235.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	97	90	21.1	223.0	16.8	34.9	166.8	458.6	741.2	1 177.4	20.2	215.4	215.6
	CORPORATE OWNERSHIP OR CONTROL . .	97	90	21.1	223.0	16.8	34.9	166.8	458.6	741.2	1 177.4	20.2	215.4	215.6
	SINGLE UNIT COMPANIES, TOTAL	55	32	2.5	22.5	2.0	4.1	15.0	47.5	66.7	114.7	3.9	18.9	19.5
	CORPORATE OWNERSHIP OR CONTROL . .	51	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	148	122	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3321	GRAY IRON FOUNDRIES													
	TOTAL	993	723	138.4	1 387.4	118.1	245.7	1 119.7	2 257.0	1 639.4	3 876.5	202.5	328.9	351.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	275	258	98.6	1 069.7	83.9	179.0	870.0	1 716.6	1 338.3	3 039.7	165.0	269.5	286.6
	CORPORATE OWNERSHIP OR CONTROL	275	258	98.6	1 069.7	83.9	179.0	870.0	1 716.6	1 338.3	3 039.7	165.0	269.5	286.6
	SINGLE UNIT COMPANIES, TOTAL	718	465	39.7	317.7	34.2	66.7	249.7	540.5	301.0	836.8	37.5	59.4	65.2
	CORPORATE OWNERSHIP OR CONTROL	611	447	38.6	306.4	33.2	64.6	242.4	524.4	292.6	812.7	36.2	57.7	63.1
	NONCORPORATE OWNERSHIP	107	18	1.1	8.3	1.1	2.1	7.3	16.1	8.5	24.1	1.3	1.7	2.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	886	705	137.2	1 379.0	117.0	243.7	1 112.4	2 241.0	1 630.9	3 852.4	201.2	327.2	349.6
	NONCORPORATE, TOTAL	107	18	1.1	8.3	1.1	2.1	7.3	16.1	8.5	24.1	1.3	1.7	2.1
	INDIVIDUAL	51	6	.4	3.4	.4	.8	3.0	6.2	3.7	9.9	.3	.5	.5
	PARTNERSHIP	32	12	.6	4.1	.6	1.1	3.6	8.4	4.0	12.0	.8	1.1	1.5
	OTHER AND UNKNOWN	24	-	.1	.9	.1	.2	.6	1.5	.9	2.3	.2	.2	.2
3322	MALLEABLE IRON FOUNDRIES													
	TOTAL	73	64	22.5	234.5	18.7	38.1	184.3	342.6	167.1	507.9	34.9	32.3	33.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	45	44	18.6	197.8	15.5	32.0	156.4	291.2	142.4	433.0	30.2	28.6	27.9
	CORPORATE OWNERSHIP OR CONTROL	45	44	18.6	197.8	15.5	32.0	156.4	291.2	142.4	433.0	30.2	28.6	27.9
	SINGLE UNIT COMPANIES, TOTAL	28	20	3.9	36.7	3.3	6.1	27.9	51.4	24.6	74.9	4.7	3.7	5.3
	CORPORATE OWNERSHIP OR CONTROL	26	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	71	64	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3324	STEEL INVESTMENT FOUNDRIES													
	TOTAL	74	62	11.2	93.2	8.6	17.2	63.3	175.6	89.4	262.2	11.1	33.3	38.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	33	28	7.9	67.1	6.0	11.9	44.9	131.3	68.0	197.3	6.2	27.3	30.8
	CORPORATE OWNERSHIP OR CONTROL	33	28	7.9	67.1	6.0	11.9	44.9	131.3	68.0	197.3	6.2	27.3	30.8
	SINGLE UNIT COMPANIES, TOTAL	41	34	3.3	26.2	2.6	5.3	18.4	44.3	21.4	64.9	4.9	6.0	7.3
	CORPORATE OWNERSHIP OR CONTROL	41	34	3.3	26.2	2.6	5.3	18.4	44.3	21.4	64.9	4.9	6.0	7.3
	NONCORPORATE OWNERSHIP	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	74	62	11.2	93.2	8.6	17.2	63.3	175.6	89.4	262.2	11.1	33.3	38.1
3325	STEEL FOUNDRIES, N.E.C.													
	TOTAL	260	201	46.7	440.2	38.5	75.5	337.4	706.0	368.4	1 067.4	31.5	147.6	152.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	113	107	34.2	327.8	28.2	55.2	254.3	522.2	285.4	802.2	23.1	124.0	127.1
	CORPORATE OWNERSHIP OR CONTROL	113	107	34.2	327.8	28.2	55.2	254.3	522.2	285.4	802.2	23.1	124.0	127.1
	SINGLE UNIT COMPANIES, TOTAL	147	94	12.5	112.4	10.2	20.3	83.1	183.8	83.0	265.2	8.4	23.6	25.0
	CORPORATE OWNERSHIP OR CONTROL	127	88	12.1	109.3	9.8	19.5	80.6	179.0	80.8	258.3	8.2	23.2	24.5
	NONCORPORATE OWNERSHIP	20	6	.4	3.0	.4	.6	2.6	4.8	2.2	6.9	.2	.5	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	240	195	46.3	437.2	38.1	74.7	334.9	701.2	366.2	1 060.5	31.3	147.2	151.5
	NONCORPORATE, TOTAL	20	6	.4	3.0	.4	.8	2.6	4.8	2.2	6.9	.2	.5	.5
	INDIVIDUAL	10	3	.2	1.6	.2	.4	1.3	2.4	1.1	3.5	.1	.2	.2
	PARTNERSHIP	5	3	.2	1.4	.2	.3	1.1	2.1	1.0	3.1	.1	.2	.3
	OTHER AND UNKNOWN	5	-	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	(Z)	(Z)	(Z)
3331	PRIMARY COPPER													
	TOTAL	31	31	17.2	173.2	14.4	28.7	138.2	467.8	2 298.5	2 771.1	119.7	349.9	367.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	30	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL	30	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	30	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3332	PRIMARY LEAD													
	TOTAL	16	15	2.8	26.5	2.3	4.6	20.2	128.7	366.5	460.9	5.7	100.1	131.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	14	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL . .	14	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL . .	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	16	15	2.8	26.5	2.3	4.6	20.2	128.7	366.5	460.9	5.7	100.1	131.5
3333	PRIMARY ZINC													
	TOTAL	15	15	6.3	59.3	5.2	10.5	45.2	121.6	255.6	376.4	9.6	73.8	73.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	11	11	6.1	57.9	5.1	10.3	44.4	114.6	225.2	339.5	9.7	71.7	71.0
	CORPORATE OWNERSHIP OR CONTROL . .	11	11	6.1	57.9	5.1	10.3	44.4	114.6	225.2	339.5	9.7	71.7	71.0
	SINGLE UNIT COMPANIES, TOTAL	4	4	1	1.4	1	2	9	7.0	30.4	37.0	1	2.1	2.6
	CORPORATE OWNERSHIP OR CONTROL . .	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	14	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3334	PRIMARY ALUMINUM													
	TOTAL	31	31	25.6	296.2	20.0	39.2	219.8	816.0	1 080.6	1 959.8	136.5	303.7	233.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	30	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL . .	30	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL . .	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	31	31	25.6	296.2	20.0	39.2	219.8	816.0	1 080.6	1 959.8	136.5	303.7	233.7
3339	PRIMARY NONFERROUS METALS, N.E.C.													
	TOTAL	84	32	6.7	71.7	4.7	9.1	42.4	151.5	240.8	395.9	20.6	100.0	86.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	41	27	6.4	68.6	4.4	8.6	40.5	141.4	207.2	352.1	20.0	94.6	80.7
	CORPORATE OWNERSHIP OR CONTROL . .	41	27	6.4	68.6	4.4	8.6	40.5	141.4	207.2	352.1	20.0	94.6	80.7
	SINGLE UNIT COMPANIES, TOTAL	43	5	3	3.0	2	5	1.9	10.2	33.6	43.9	6	5.4	5.4
	CORPORATE OWNERSHIP OR CONTROL . .	36	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	5	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	79	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	5	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3341	SECONDARY NONFERROUS METALS													
	TOTAL	381	184	17.8	170.1	13.1	26.6	108.2	410.9	1 665.0	2 097.2	34.8	210.1	205.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	115	100	11.6	111.3	8.5	17.5	73.0	256.9	1 239.9	1 500.1	16.0	153.1	146.9
	CORPORATE OWNERSHIP OR CONTROL . .	114	99	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	266	84	6.2	58.8	4.6	9.1	35.1	154.0	445.0	597.0	18.8	57.0	59.0
	CORPORATE OWNERSHIP OR CONTROL . .	213	83	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	53	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	327	182	17.6	168.6	13.0	26.3	107.2	405.6	1 670.9	2 077.9	34.6	208.5	204.1
	NONCORPORATE, TOTAL	54	2	2	1.5	2	3	1.0	5.2	14.1	19.3	2	1.6	1.7
	INDIVIDUAL	24	1	1	1.4	1	1	1	2.5	2.5	5.0	(Z)	1.3	1.3
	PARTNERSHIP	15	1	1	1.7	1	1	1	2.1	4.9	10.9	1	1.9	1.1
	OTHER AND UNKNOWN	15	—	1	1.5	(Z)	1	3	7	2.7	3.4	1	1.3	1.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3351	COPPER ROLLING AND DRAWING													
	TOTAL	149	117	37.8	383.7	29.9	63.2	288.4	800.3	2 313.8	3 098.8	65.3	319.9	327.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	102	95	35.3	360.5	28.1	59.4	273.6	756.6	2 215.7	2 958.0	63.1	305.1	310.7
	CORPORATE OWNERSHIP OR CONTROL	102	95	35.3	360.5	28.1	59.4	273.6	756.6	2 215.7	2 958.0	63.1	305.1	310.7
	SINGLE UNIT COMPANIES, TOTAL	47	22	2.4	23.1	1.8	3.8	14.9	43.7	98.0	140.8	2.2	14.8	17.0
	CORPORATE OWNERSHIP OR CONTROL	43	22	2.4	23.1	1.8	3.8	14.8	43.6	97.6	140.2	2.2	14.8	16.9
	NONCORPORATE OWNERSHIP	4	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.4	.6	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	145	117	37.8	383.6	29.9	63.2	288.4	800.1	2 313.3	3 098.2	65.3	319.9	327.7
	NONCORPORATE, TOTAL	4	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.4	.6	(Z)	.1	.1
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3353	ALUMINUM SHEET, PLATE, AND FOIL													
	TOTAL	50	49	31.3	370.7	24.5	51.8	281.5	692.3	2 017.1	2 685.2	90.3	641.0	653.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	47	46	31.2	369.2	24.4	51.6	280.6	689.9	2 013.1	2 678.5	90.3	639.0	651.9
	CORPORATE OWNERSHIP OR CONTROL	47	46	31.2	369.2	24.4	51.6	280.6	689.9	2 013.1	2 678.5	90.3	639.0	651.9
	SINGLE UNIT COMPANIES, TOTAL	3	3	.1	1.4	.1	.2	.8	2.4	3.9	6.7	.1	2.0	1.3
	CORPORATE OWNERSHIP OR CONTROL	3	3	.1	1.4	.1	.2	.8	2.4	3.9	6.7	.1	2.0	1.3
	NONCORPORATE OWNERSHIP	50	49	31.3	370.7	24.5	51.8	281.5	692.3	2 017.1	2 685.2	90.3	641.0	653.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	50	49	31.3	370.7	24.5	51.8	281.5	692.3	2 017.1	2 685.2	90.3	641.0	653.2
3354	ALUMINUM EXTRUDED PRODUCTS													
	TOTAL	190	128	27.7	239.2	22.1	45.4	174.1	427.6	662.9	1 078.3	32.6	163.0	175.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	101	92	24.1	211.7	19.1	39.8	154.4	370.3	584.3	941.8	23.7	145.5	157.3
	CORPORATE OWNERSHIP OR CONTROL	101	92	24.1	211.7	19.1	39.8	154.4	370.3	584.3	941.8	23.7	145.5	157.3
	SINGLE UNIT COMPANIES, TOTAL	79	36	3.6	27.5	3.1	5.6	19.6	57.3	78.6	136.4	8.9	17.4	18.6
	CORPORATE OWNERSHIP OR CONTROL	73	36	3.6	27.3	3.1	5.6	19.5	56.7	78.2	135.5	8.8	17.3	18.5
	NONCORPORATE OWNERSHIP	6	-	(Z)	.2	(Z)	(Z)	.1	.6	.4	1.0	.1	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	174	128	27.7	239.1	22.1	45.4	173.9	427.0	662.5	1 077.3	32.6	162.9	175.8
	NONCORPORATE, TOTAL	6	-	(Z)	.2	(Z)	(Z)	.1	.6	.4	1.0	.1	.1	.1
	INDIVIDUAL	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3355	ALUMINUM ROLLING AND DRAWING, N.E.C.													
	TOTAL	10	15	4.6	48.0	3.6	7.2	35.1	57.3	272.2	343.4	9.2	82.8	65.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	12	12	4.5	47.1	3.5	7.0	34.6	55.4	269.4	338.8	9.1	82.4	65.1
	CORPORATE OWNERSHIP OR CONTROL	12	12	4.5	47.1	3.5	7.0	34.6	55.4	269.4	338.8	9.1	82.4	65.1
	SINGLE UNIT COMPANIES, TOTAL	4	3	.1	.9	.1	.2	.5	1.9	2.8	4.6	.1	.4	.6
	CORPORATE OWNERSHIP OR CONTROL	4	3	.1	.9	.1	.2	.5	1.9	2.8	4.6	.1	.4	.6
	NONCORPORATE OWNERSHIP	16	15	4.6	48.0	3.6	7.2	35.1	57.3	272.2	343.4	9.2	82.8	65.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	16	15	4.6	48.0	3.6	7.2	35.1	57.3	272.2	343.4	9.2	82.8	65.7
3356	NONFERROUS ROLLING, DRAWING, N.E.C.													
	TOTAL	167	97	18.1	184.2	12.7	25.8	114.1	374.1	892.0	1 244.6	24.3	280.7	300.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	95	79	16.1	167.3	11.1	22.7	103.9	347.7	796.1	1 123.9	18.7	267.8	285.1
	CORPORATE OWNERSHIP OR CONTROL	94	79	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	72	18	2.0	16.9	1.5	3.0	10.2	26.4	95.8	120.7	5.6	12.9	14.9
	CORPORATE OWNERSHIP OR CONTROL	60	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	12	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	154	97	18.1	184.0	12.6	25.7	113.9	373.7	891.2	1 243.3	24.3	280.5	299.8
	NONCORPORATE, TOTAL	13	-	(Z)	.2	(Z)	.1	.2	.4	.8	1.2	(Z)	.2	.2
	INDIVIDUAL	8	-	(Z)	.1	(Z)	(Z)	.1	.2	.4	.6	(Z)	.1	.1
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3357	NONFERROUS WIREDRAWING, INSULATING													
	TOTAL	341	278	68.8	645.6	52.9	110.4	452.2	1 448.0	2 984.4	4 412.3	149.7	636.6	657.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	227	216	63.3	600.7	48.7	101.8	422.4	1 352.9	2 814.2	4 147.5	143.0	602.8	625.5
	CORPORATE OWNERSHIP OR CONTROL	227	216	63.3	600.7	48.7	101.8	422.4	1 352.9	2 814.2	4 147.5	143.0	602.8	625.5
	SINGLE UNIT COMPANIES, TOTAL	114	62	5.5	44.9	4.2	8.6	29.7	95.1	170.2	264.8	6.6	33.8	32.4
	CORPORATE OWNERSHIP OR CONTROL	105	62	5.4	44.7	4.2	8.5	29.5	94.4	169.0	262.9	6.6	33.6	32.2
	NONCORPORATE OWNERSHIP	9	-	(Z)	.3	(Z)	(Z)	.2	.7	1.2	1.9	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	332	278	68.8	645.3	52.9	110.3	452.0	1 447.3	2 983.2	4 410.4	149.6	636.5	657.6
	NONCORPORATE, TOTAL	9	-	(Z)	.3	(Z)	(Z)	.2	.7	1.2	1.9	(Z)	.2	.2
	PARTNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3361	ALUMINUM FOUNDRIES													
	TOTAL	1 005	430	45.7	417.9	38.6	76.8	321.9	718.3	558.0	1 269.9	38.8	90.9	96.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	138	117	22.4	225.6	18.7	38.1	176.5	390.3	323.8	709.1	21.9	56.8	59.9
	CORPORATE OWNERSHIP OR CONTROL	138	117	22.4	225.6	18.7	38.1	176.5	390.3	323.8	709.1	21.9	56.8	59.9
	SINGLE UNIT COMPANIES, TOTAL	867	313	23.4	192.2	19.9	38.8	145.4	328.0	234.2	560.8	16.9	34.1	36.7
	CORPORATE OWNERSHIP OR CONTROL	630	304	22.3	184.7	18.9	37.0	139.0	313.7	224.1	536.4	15.8	32.6	35.2
	NONCORPORATE OWNERSHIP	237	9	1.1	7.5	1.0	1.8	6.3	14.3	10.1	24.4	1.1	1.5	1.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	768	421	44.6	410.3	37.6	75.1	315.6	704.0	547.9	1 245.5	37.7	89.4	95.1
	NONCORPORATE, TOTAL	237	9	1.1	7.5	1.0	1.8	6.3	14.3	10.1	24.4	1.1	1.5	1.6
	INDIVIDUAL	126	5	.6	3.7	.5	.9	3.2	7.0	5.4	12.4	.7	.8	.8
	PARTNERSHIP	50	4	.3	2.1	.3	.5	1.8	4.4	2.8	7.2	.3	.4	.4
	OTHER AND UNKNOWN	61	-	.2	1.7	.2	.4	1.4	2.9	1.9	4.8	.2	.3	.3
3362	BRASS, BRONZE, COPPER FOUNDRIES													
	TOTAL	507	195	15.4	129.6	13.0	25.7	96.3	236.9	229.5	465.3	17.4	48.6	50.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	84	66	6.8	59.4	5.6	11.2	45.2	111.4	117.8	229.3	8.7	29.8	30.4
	CORPORATE OWNERSHIP OR CONTROL	83	65	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	423	129	8.6	70.2	7.3	14.5	51.1	125.5	111.7	236.0	8.7	18.8	20.3
	CORPORATE OWNERSHIP OR CONTROL	323	125	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	100	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	406	190	14.9	125.9	12.5	24.7	93.2	228.7	221.3	449.0	16.9	47.1	49.1
	NONCORPORATE, TOTAL	101	5	.5	3.8	.5	1.0	3.1	8.2	8.2	16.2	.5	1.5	1.6
	INDIVIDUAL	43	2	.2	1.6	.2	.4	1.4	3.6	4.2	7.7	.3	.8	.9
	PARTNERSHIP	30	3	.2	1.4	.2	.4	1.2	3.2	2.7	5.9	.1	.5	.5
	OTHER AND UNKNOWN	28	-	.1	.7	.1	.2	.5	1.3	1.2	2.6	.1	.2	.3
3369	NONFERROUS FOUNDRIES, N.E.C.													
	TOTAL	329	167	20.3	174.0	16.9	34.4	130.4	314.0	276.4	588.6	17.3	58.5	63.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	56	51	11.2	102.5	9.3	19.6	79.0	177.3	155.7	331.9	10.6	39.9	42.5
	CORPORATE OWNERSHIP OR CONTROL	53	49	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	273	116	9.0	71.5	7.6	14.9	51.4	136.6	120.8	256.7	6.6	18.6	21.3
	CORPORATE OWNERSHIP OR CONTROL	225	112	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	48	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	278	161	19.4	167.9	16.3	33.1	126.5	303.2	267.7	569.1	16.4	56.6	61.8
	NONCORPORATE, TOTAL	51	6	.8	6.1	.7	1.3	3.9	10.7	8.7	19.5	.9	1.9	2.0
	INDIVIDUAL	31	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	14	4	.4	2.6	.3	.6	1.7	5.5	5.1	10.4	.4	.7	.9
	OTHER AND UNKNOWN	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3398	METAL HEAT TREATING													
	TOTAL	952	266	17.2	157.3	13.4	27.4	106.6	310.6	159.1	467.4	23.1	39.7	36.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	161	89	6.5	61.2	4.9	10.0	41.9	129.9	80.7	208.8	10.4	23.3	20.2
	CORPORATE OWNERSHIP OR CONTROL	157	87	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	791	177	10.7	96.1	8.5	17.4	64.7	180.7	78.4	258.6	12.6	16.4	15.9
	CORPORATE OWNERSHIP OR CONTROL	654	171	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	137	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	811	258	16.5	151.9	12.8	26.3	102.7	299.5	154.0	451.2	22.1	38.6	35.0
	NONCORPORATE, TOTAL	141	8	.7	5.4	.6	1.1	3.9	11.1	5.1	16.2	.9	1.1	1.1
	INDIVIDUAL	62	4	.4	2.7	.3	.6	1.9	5.3	2.3	7.6	.5	.5	.5
	PARTNERSHIP	42	4	.2	1.9	.2	.4	1.4	3.8	1.9	5.7	.3	.3	.3
	OTHER AND UNKNOWN	37	-	.1	.8	.1	.2	.6	2.0	.9	2.9	.2	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages	(million dollars)	(million dollars)	(million dollars)	(million dollars)	1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3399	PRIMARY METAL PRODUCTS, N.E.C.													
	TOTAL	168	105	7.9	75.5	6.0	12.2	50.7	165.0	184.5	346.3	26.9	65.1	64.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	93	64	5.5	55.6	4.1	8.4	37.2	128.5	146.2	273.5	22.5	58.6	57.7
	CORPORATE OWNERSHIP OR CONTROL	91	64	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	75	41	2.4	19.9	1.9	3.9	13.5	36.6	38.4	74.8	4.4	6.4	6.7
	CORPORATE OWNERSHIP OR CONTROL	73	41	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	164	105	7.9	75.3	5.9	12.2	50.6	164.7	184.4	347.8	26.9	65.0	64.4
	NONCORPORATE, TOTAL	4	—	(Z)	.2	(Z)	(Z)	.1	.3	.2	.5	(Z)	(Z)	(Z)
	INDIVIDUAL	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS													
	TOTAL	29 525	11 676	1 493.3	13 820.6	1 148.0	2 302.7	9 544.4	26 945.8	25 197.5	51 739.3	1 323.2	7 997.4	8 344.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	5 693	4 696	996.4	9 591.2	756.5	1 534.4	6 682.0	19 243.0	18 684.3	37 626.2	941.1	6 263.9	6 475.0
	CORPORATE OWNERSHIP OR CONTROL	5 664	4 684	995.7	9 586.4	756.0	1 533.6	6 679.2	19 228.8	18 672.8	37 601.1	939.8	6 262.0	6 473.0
	NONCORPORATE OWNERSHIP	34	12	.7	4.8	.5	.6	2.9	14.2	11.5	25.2	1.4	1.8	2.0
	SINGLE UNIT COMPANIES, TOTAL	23 827	6 980	496.9	4 229.4	391.5	768.3	2 862.4	7 702.8	6 513.2	14 113.1	382.1	1 733.6	1 869.8
	CORPORATE OWNERSHIP OR CONTROL	17 945	6 738	467.8	4 011.6	366.7	721.9	2 703.4	7 245.3	6 137.8	13 287.9	358.0	1 628.8	1 762.5
	NONCORPORATE OWNERSHIP	5 882	242	29.2	217.7	24.8	46.3	159.0	457.5	375.4	825.1	24.1	104.8	107.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	23 609	11 422	1 463.4	13 598.0	1 122.6	2 255.5	9 382.6	26 474.1	24 810.6	50 889.0	1 297.8	7 890.8	8 235.4
	NONCORPORATE, TOTAL	5 916	254	29.9	225.3	25.3	47.1	161.9	471.7	386.9	850.3	25.5	106.5	109.3
	INDIVIDUAL	3 067	108	12.6	89.9	10.9	19.8	65.7	210.0	154.0	363.1	11.3	42.4	43.0
	PARTNERSHIP	1 377	146	12.7	98.0	10.5	20.2	71.4	191.1	178.3	362.3	10.0	47.9	49.7
	OTHER AND UNKNOWN	1 472	—	4.6	34.6	3.9	7.2	24.7	70.6	54.5	124.9	3.4	16.3	16.5
3411	METAL CANS													
	TOTAL	396	309	68.5	740.7	58.7	123.7	611.3	1 815.8	2 711.9	4 510.8	138.1	654.6	610.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	321	283	66.4	724.1	57.0	120.4	599.6	1 763.0	2 676.4	4 443.0	136.0	645.5	601.0
	CORPORATE OWNERSHIP OR CONTROL	320	282	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	75	26	2.1	16.6	1.7	3.3	11.6	32.8	35.5	67.8	2.1	9.0	9.2
	CORPORATE OWNERSHIP OR CONTROL	55	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	20	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	375	307	68.3	740.1	58.6	123.5	610.7	1 813.8	2 708.9	4 505.7	137.9	654.0	609.7
	NONCORPORATE, TOTAL	21	2	.1	.6	.1	.2	.5	2.1	3.0	5.1	.2	.6	.6
	INDIVIDUAL	11	—	(Z)	.2	(Z)	.1	.2	.6	.8	1.4	(Z)	.2	.2
	PARTNERSHIP	5	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	5	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3412	METAL BARRELS, DRUMS, AND PAILS													
	TOTAL	157	99	10.2	98.9	8.1	16.7	71.2	188.8	273.5	461.3	8.4	71.7	65.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	98	76	8.2	79.5	6.5	13.5	57.4	150.9	227.8	377.7	6.4	60.3	54.5
	CORPORATE OWNERSHIP OR CONTROL	97	75	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	59	23	2.0	10.4	1.6	3.2	13.8	37.9	45.7	83.6	1.9	11.4	11.4
	CORPORATE OWNERSHIP OR CONTROL	46	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	11	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	145	98	10.1	98.5	8.0	16.7	70.9	187.7	271.9	458.7	8.3	71.5	65.7
	NONCORPORATE, TOTAL	12	1	.1	.4	.1	(Z)	.3	1.1	1.5	2.6	.1	.2	.2
	INDIVIDUAL	6	—	(Z)	.1	(Z)	(Z)	.1	.2	.3	.5	(Z)	.1	.1
	PARTNERSHIP	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3421	CUTLERY													
	TOTAL	134	69	13.4	102.6	10.9	22.3	73.0	322.3	112.9	427.5	11.7	73.3	81.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	41	35	9.8	77.7	7.9	16.5	56.3	267.9	75.4	336.1	9.7	57.4	64.9
	CORPORATE OWNERSHIP OR CONTROL	41	35	9.8	77.7	7.9	16.5	56.3	267.9	75.4	336.1	9.7	57.4	64.9
	NONCORPORATE OWNERSHIP	—	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	93	34	3.6	24.9	3.0	5.8	16.8	54.4	37.5	91.4	2.0	16.0	16.6
	CORPORATE OWNERSHIP OR CONTROL	72	33	3.5	24.3	2.9	5.6	16.3	53.0	36.8	89.3	2.0	15.6	16.2
	NONCORPORATE OWNERSHIP	21	1	.1	.6	.1	.2	.5	1.5	.7	2.1	.1	.4	.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	113	63	13.3	102.0	10.8	22.1	72.6	320.9	112.2	425.4	11.6	73.0	81.1
	NONCORPORATE, TOTAL	21	1	.1	.6	.1	.2	.5	1.5	.7	2.1	.1	.4	.4
	INDIVIDUAL	8	—	(Z)	.2	(Z)	(Z)	.1	.4	.2	.6	(Z)	.1	.1
	PARTNERSHIP	7	1	(Z)	.3	(Z)	.1	.3	.8	.4	1.2	(Z)	.2	.2
	OTHER AND UNKNOWN	6	—	(Z)	.1	(Z)	(Z)	.1	.3	.1	.3	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3423	HAND AND EDGE TOOLS, N.E.C.													
	TOTAL	626	255	39.3	343.0	31.1	62.0	240.7	780.0	473.3	1 233.1	33.5	244.9	268.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	128	112	27.0	241.4	21.1	41.7	167.8	575.8	356.3	913.9	26.7	190.6	212.1
	CORPORATE OWNERSHIP OR CONTROL	126	112	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	498	143	12.3	101.6	10.1	20.2	72.9	204.2	117.0	319.2	6.8	54.3	56.0
	CORPORATE OWNERSHIP OR CONTROL	386	137	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	112	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	512	249	38.7	339.2	30.7	61.2	237.7	770.0	467.4	1 217.4	33.2	242.2	265.1
	NONCORPORATE, TOTAL	114	6	.5	3.7	.5	.8	3.0	10.0	5.9	15.6	.4	2.7	3.0
	INDIVIDUAL	52	—	.1	.6	.1	.1	.4	2.1	1.3	3.4	.1	.8	.8
	PARTNERSHIP	32	0	.4	2.7	.3	.6	2.3	6.7	3.9	10.4	.2	1.5	1.8
	OTHER AND UNKNOWN	30	—	.1	.5	.1	.1	.3	1.2	.7	1.9	(Z)	.4	.4
3425	HANDSAWS AND SAW BLADES													
	TOTAL	91	52	6.6	56.7	4.9	9.9	37.5	127.5	70.7	194.4	6.4	42.6	46.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	26	24	4.9	43.5	3.6	7.3	28.5	97.7	55.9	150.2	5.4	34.6	37.4
	CORPORATE OWNERSHIP OR CONTROL	26	24	4.9	43.5	3.6	7.3	28.5	97.7	55.9	150.2	5.4	34.6	37.4
	NONCORPORATE OWNERSHIP	65	28	1.7	13.3	1.3	2.6	8.9	29.8	14.7	44.2	1.0	8.0	9.0
	SINGLE UNIT COMPANIES, TOTAL	56	26	1.6	12.7	1.3	2.5	8.5	28.9	13.8	42.4	.9	7.7	8.8
	CORPORATE OWNERSHIP OR CONTROL	9	2	.1	.6	.1	.1	.4	.9	.9	1.8	(Z)	.2	.2
	NONCORPORATE OWNERSHIP	52	50	6.5	56.2	4.9	9.8	37.1	126.6	69.8	192.5	6.4	42.4	46.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	62	50	6.5	56.2	4.9	9.8	37.1	126.6	69.8	192.5	6.4	42.4	46.2
	NONCORPORATE, TOTAL	9	2	.1	.6	.1	.1	.4	.9	.9	1.8	(Z)	.2	.2
	INDIVIDUAL	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3429	HARDWARE, N.E.C.													
	TOTAL	1 053	482	99.9	902.6	78.8	159.9	633.2	2 023.6	1 263.8	3 239.4	91.4	487.7	536.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	269	229	78.4	733.3	61.4	125.3	519.5	1 683.0	1 014.1	2 657.5	76.0	391.3	429.6
	CORPORATE OWNERSHIP OR CONTROL	269	229	78.4	733.3	61.4	125.3	519.5	1 683.0	1 014.1	2 657.5	76.0	391.3	429.6
	NONCORPORATE OWNERSHIP	784	253	21.5	169.3	17.4	34.6	113.7	340.7	249.7	581.9	15.4	96.4	107.0
	SINGLE UNIT COMPANIES, TOTAL	631	245	20.5	161.8	16.5	32.8	107.9	320.4	237.6	549.8	14.8	92.4	102.8
	CORPORATE OWNERSHIP OR CONTROL	153	8	1.0	7.5	.9	1.8	5.8	20.3	12.1	32.1	.7	4.0	4.2
	NONCORPORATE OWNERSHIP	900	474	98.9	895.1	77.9	158.1	627.4	2 003.4	1 251.8	3 207.3	90.7	483.7	532.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	153	8	1.0	7.5	.9	1.8	5.8	20.3	12.1	32.1	.7	4.0	4.2
	NONCORPORATE, TOTAL	86	2	.3	1.9	.2	.4	1.4	5.0	3.9	8.8	.2	1.1	1.2
	INDIVIDUAL	30	6	.6	4.7	.6	1.2	3.8	13.0	6.5	19.5	.4	2.3	2.3
	PARTNERSHIP	37	—	.1	.9	.1	.2	.7	2.2	1.7	3.9	.1	.6	.6
	OTHER AND UNKNOWN													
3431	METAL SANITARY WARE													
	TOTAL	95	50	11.2	104.4	9.2	18.5	81.4	208.2	163.0	370.2	8.2	54.1	50.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	38	33	9.7	93.4	7.9	16.2	73.4	186.6	145.1	331.2	6.5	48.6	45.0
	CORPORATE OWNERSHIP OR CONTROL	38	33	9.7	93.4	7.9	16.2	73.4	186.6	145.1	331.2	6.5	48.6	45.0
	NONCORPORATE OWNERSHIP	57	17	1.5	11.0	1.2	2.4	8.0	21.6	17.9	39.0	1.7	5.4	5.7
	SINGLE UNIT COMPANIES, TOTAL	46	17	1.5	10.8	1.2	2.3	7.9	21.3	17.6	38.4	(D)	5.4	5.6
	CORPORATE OWNERSHIP OR CONTROL	11	—	(Z)	.1	(Z)	(Z)	.1	.3	.3	.5	(D)	.1	.1
	NONCORPORATE OWNERSHIP	84	50	11.2	104.2	9.1	18.5	81.3	207.9	162.7	369.7	(D)	54.1	50.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	11	—	(Z)	.1	(Z)	(Z)	.1	.3	.3	.5	(D)	.1	.1
	NONCORPORATE, TOTAL	6	—	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(D)	(Z)	(Z)
	INDIVIDUAL	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	3	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN													
3432	PLUMBING FITTINGS AND BRASS GOODS													
	TOTAL	230	112	18.6	151.5	14.3	29.2	99.1	361.8	358.7	708.2	19.0	125.6	139.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	66	56	13.3	109.8	10.0	21.0	70.4	266.0	256.8	514.3	15.1	94.8	104.4
	CORPORATE OWNERSHIP OR CONTROL	65	56	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	164	56	5.3	41.7	4.3	8.2	28.7	95.8	101.9	194.0	3.9	30.8	35.1
	CORPORATE OWNERSHIP OR CONTROL	137	55	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	27	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	202	111	18.4	150.4	14.1	28.9	98.3	359.7	355.7	703.1	18.9	124.7	138.6
	NONCORPORATE, TOTAL	28	1	.2	1.1	.2	.3	.8	2.1	3.0	5.1	.1	.9	.9
	INDIVIDUAL	11	—	(Z)	.3	(Z)	(Z)	.2	.6	.7	1.4	(Z)	.3	.3
	PARTNERSHIP	9	1	.1	.8	.1	.2	.6	1.3	2.1	3.3	.1	.6	.6
	OTHER AND UNKNOWN	8	—	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC													
	TOTAL	432	191	30.9	268.0	22.0	43.2	164.5	561.6	518.7	1 058.4	24.5	191.4	209.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	112	100	22.3	196.0	15.9	31.7	122.7	423.3	391.0	793.9	18.8	147.4	163.6
	CORPORATE OWNERSHIP OR CONTROL	112	100	22.3	196.0	15.9	31.7	122.7	423.3	391.0	793.9	18.8	147.4	163.6
	SINGLE UNIT COMPANIES, TOTAL	320	91	8.6	71.9	6.1	11.5	41.8	138.4	127.6	264.5	5.7	44.0	46.0
	CORPORATE OWNERSHIP OR CONTROL	271	91	8.5	70.9	6.0	11.3	41.2	135.8	124.6	259.2	5.6	42.9	44.8
	NONCORPORATE OWNERSHIP	49	-	.1	1.1	.1	.2	.6	2.5	2.8	5.3	.1	1.1	1.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	383	191	30.8	266.9	21.9	43.0	163.9	559.1	515.9	1 053.0	24.4	190.4	208.4
	NONCORPORATE, TOTAL	49	-	.1	1.1	.1	.2	.6	2.5	2.8	5.3	.1	1.1	1.2
	INDIVIDUAL	24	-	.4	(Z)	.1	.1	.3	1.0	1.2	2.2	.1	.4	.4
	PARTNERSHIP	8	-	(Z)	.3	(Z)	.1	.1	.8	.7	1.4	(Z)	.3	.3
	OTHER AND UNKNOWN	17	-	(Z)	.4	(Z)	.1	.2	.7	1.0	1.7	(Z)	.3	.5
3441	FABRICATED STRUCTURAL METAL													
	TOTAL	2 154	1 094	104.3	975.5	76.9	152.3	635.4	1 730.7	2 199.9	3 920.1	74.7	827.9	828.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	417	364	57.1	529.8	42.0	84.3	347.7	945.3	1 284.9	2 231.1	40.5	602.2	592.0
	CORPORATE OWNERSHIP OR CONTROL	413	367	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 737	726	47.2	445.7	34.9	68.1	287.7	785.4	915.0	1 689.0	34.2	225.7	236.4
	CORPORATE OWNERSHIP OR CONTROL	1 451	703	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	286	23	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 844	1 070	102.0	955.1	75.0	148.7	620.6	1 687.2	2 157.3	3 834.1	72.5	816.8	817.1
	NONCORPORATE, TOTAL	290	24	2.4	20.4	1.9	3.6	14.8	43.5	42.6	85.9	2.2	11.1	11.3
	INDIVIDUAL	146	13	1.0	8.2	.8	1.5	5.8	17.0	15.8	32.6	.7	4.3	4.4
	PARTNERSHIP	63	11	1.0	9.2	.6	1.6	6.9	19.0	19.0	37.9	1.2	4.7	4.9
	OTHER AND UNKNOWN	81	-	.3	3.0	.3	.5	2.1	7.5	7.9	15.4	.5	2.0	2.0
3442	METAL DOORS, SASH, AND TRIM													
	TOTAL	1 558	646	70.7	520.8	53.0	104.2	330.3	1 003.7	1 085.0	2 077.6	52.1	286.5	309.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	366	296	44.4	333.6	33.3	66.8	213.5	653.0	734.0	1 380.2	33.1	200.2	213.3
	CORPORATE OWNERSHIP OR CONTROL	363	295	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 192	350	26.2	187.2	19.7	37.4	116.9	350.7	351.0	697.4	19.0	86.2	96.2
	CORPORATE OWNERSHIP OR CONTROL	904	342	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	288	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 267	637	68.7	508.4	51.5	101.4	322.4	980.8	1 062.2	2 032.0	51.0	281.7	304.5
	NONCORPORATE, TOTAL	291	9	1.9	12.4	1.5	2.9	8.0	23.0	22.8	45.6	1.1	4.7	4.9
	INDIVIDUAL	160	0	.6	3.6	.5	1.0	2.4	8.4	9.3	17.7	.4	2.6	2.6
	PARTNERSHIP	60	3	1.1	7.2	.8	1.6	4.6	11.5	10.0	21.5	.6	1.3	1.4
	OTHER AND UNKNOWN	71	-	.2	1.6	.2	.3	1.0	3.1	3.5	6.5	.1	.9	1.0
3443	FABRICATED PLATEWORK, BOILER SHOPS													
	TOTAL	1 486	795	93.0	893.5	67.9	133.5	593.2	1 758.7	1 633.2	3 339.0	77.3	587.7	643.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	366	316	63.7	608.4	45.7	89.1	401.6	1 279.3	1 212.2	2 447.7	55.2	455.5	506.0
	CORPORATE OWNERSHIP OR CONTROL	363	314	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 120	479	29.3	285.1	22.2	44.4	191.6	479.3	421.0	891.2	22.1	132.2	137.5
	CORPORATE OWNERSHIP OR CONTROL	913	461	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	207	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 276	775	91.0	876.6	66.5	130.7	581.6	1 724.1	1 606.1	3 283.6	73.6	575.7	630.2
	NONCORPORATE, TOTAL	210	20	1.9	16.9	1.4	2.8	11.6	34.5	27.1	55.3	3.7	11.9	13.3
	INDIVIDUAL	99	7	.7	6.4	.6	1.1	4.3	13.3	10.8	23.6	1.3	2.6	2.9
	PARTNERSHIP	57	13	1.0	8.8	.7	1.4	6.0	17.8	13.6	25.6	2.2	8.4	9.4
	OTHER AND UNKNOWN	54	-	.2	1.7	.2	.3	1.3	3.4	2.7	6.1	.1	.9	.9
3444	SHEET METALWORK													
	TOTAL	3 117	933	74.0	678.5	55.4	108.3	453.6	1 299.9	1 399.3	2 680.0	59.0	376.1	404.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	417	296	30.5	282.0	21.9	44.0	182.6	598.6	793.6	1 380.4	31.5	228.4	244.3
	CORPORATE OWNERSHIP OR CONTROL	415	295	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	2 700	637	43.4	396.5	33.5	64.3	271.1	701.3	605.7	1 299.6	27.4	147.7	159.9
	CORPORATE OWNERSHIP OR CONTROL	1 831	615	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	869	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	2 246	910	70.6	651.1	52.6	103.2	433.5	1 237.3	1 348.2	2 566.6	56.8	362.9	390.7
	NONCORPORATE, TOTAL	871	23	3.3	27.4	2.8	5.1	20.1	62.5	51.1	113.4	2.2	13.2	13.5
	INDIVIDUAL	483	12	1.7	13.8	1.5	2.6	10.0	35.1	28.5	63.4	1.2	7.0	7.2
	PARTNERSHIP	147	11	.9	7.7	.8	1.4	6.0	16.3	13.4	29.6	.6	3.4	3.6
	OTHER AND UNKNOWN	241	-	.7	5.9	.6	1.0	4.1	11.1	9.2	20.4	.4	2.7	2.7

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3446	ARCHITECTURAL METALWORK													
	TOTAL	1 459	250	20.9	175.4	15.6	29.5	108.7	311.8	269.6	573.7	17.0	84.5	93.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	86	64	7.3	61.5	5.4	10.5	36.0	111.9	123.2	228.3	9.7	42.3	49.2
	CORPORATE OWNERSHIP OR CONTROL	85	64	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 373	185	13.6	113.9	10.2	19.1	70.7	199.9	146.4	345.4	7.2	42.3	43.8
	CORPORATE OWNERSHIP OR CONTROL	667	169	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	686	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	772	233	18.4	159.1	13.4	25.7	97.4	273.2	239.9	505.5	15.2	75.5	83.8
	NONCORPORATE, TOTAL	687	17	2.5	16.3	2.2	3.9	11.4	38.6	29.7	68.2	1.8	9.0	9.2
	INDIVIDUAL	304	9	1.3	9.0	1.1	2.0	6.3	21.4	16.6	37.8	1.1	5.2	5.4
	PARTNERSHIP	119	3	.7	4.3	.7	1.2	3.1	10.5	7.7	18.2	.4	1.9	1.9
	OTHER AND UNKNOWN	169	—	.5	3.0	.4	.7	2.0	6.7	5.4	12.1	.3	1.8	1.8
3448	PREFABRICATED METAL BUILDINGS													
	TOTAL	159	83	12.5	109.4	8.9	17.5	68.6	275.9	338.5	608.9	11.3	97.3	103.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	52	43	9.1	80.6	6.4	12.7	51.9	222.1	273.4	492.9	8.0	83.1	86.3
	CORPORATE OWNERSHIP OR CONTROL	50	43	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	107	45	3.5	28.8	2.5	4.8	16.7	53.8	65.1	116.0	3.3	14.2	17.4
	CORPORATE OWNERSHIP OR CONTROL	84	44	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	23	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	134	87	12.4	108.6	8.8	17.2	68.0	273.9	336.4	604.9	11.2	96.7	103.0
	NONCORPORATE, TOTAL	25	1	.1	.8	.1	.2	.6	2.0	2.1	4.0	.1	.6	.6
	INDIVIDUAL	13	1	.1	.7	.1	.2	.5	1.6	1.6	3.2	.1	.5	.5
	PARTNERSHIP	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	10	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3449	MISCELLANEOUS METALWORK													
	TOTAL	418	220	19.5	178.8	13.1	25.6	102.2	362.2	619.0	980.4	26.2	153.1	152.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	155	125	13.6	129.4	8.9	17.6	74.0	266.4	473.0	739.8	20.3	124.8	122.6
	CORPORATE OWNERSHIP OR CONTROL	155	125	13.6	129.4	8.9	17.6	74.0	266.4	473.0	739.8	20.3	124.8	122.6
	NONCORPORATE OWNERSHIP	263	95	5.9	49.4	4.2	8.0	28.2	95.8	146.0	240.6	5.9	28.3	29.8
	SINGLE UNIT COMPANIES, TOTAL	206	93	5.5	47.2	3.9	7.5	26.6	90.9	140.5	230.3	5.6	27.0	28.5
	CORPORATE OWNERSHIP OR CONTROL	57	2	.3	2.2	.3	.5	1.6	4.9	5.5	10.3	.2	1.3	1.3
	NONCORPORATE OWNERSHIP	361	218	19.2	176.6	12.8	25.1	100.6	357.4	613.5	979.1	25.9	151.9	151.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	57	2	.3	2.2	.3	.5	1.6	4.9	5.5	10.3	.2	1.3	1.3
	NONCORPORATE, TOTAL	29	1	.1	.8	.1	.2	.6	2.2	2.8	5.0	.1	.6	.6
	INDIVIDUAL	16	1	.1	1.1	.1	.2	.8	1.9	1.7	3.6	.1	.4	.4
	PARTNERSHIP	12	—	.1	.4	(Z)	.1	.3	.8	1.0	1.7	(Z)	.3	.3
	OTHER AND UNKNOWN													
3451	SCREEN MACHINE PRODUCTS													
	TOTAL	1 804	612	40.5	357.3	33.2	68.2	257.9	648.5	424.3	1 063.8	33.2	103.2	115.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	132	101	9.4	84.6	7.4	15.5	60.5	165.2	105.6	267.0	8.6	36.1	40.0
	CORPORATE OWNERSHIP OR CONTROL	131	100	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 672	511	31.1	272.7	25.8	52.7	197.4	483.3	318.8	796.8	24.6	67.2	75.7
	CORPORATE OWNERSHIP OR CONTROL	1 312	492	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	360	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 443	592	38.8	344.0	31.7	65.3	247.7	616.4	404.4	1 011.9	31.7	98.5	110.9
	NONCORPORATE, TOTAL	361	20	1.7	13.3	1.5	2.9	10.2	32.1	20.0	51.9	1.5	4.7	4.7
	INDIVIDUAL	188	5	.7	5.2	.6	1.1	3.9	12.7	8.0	20.7	.6	1.9	2.0
	PARTNERSHIP	94	15	.8	6.3	.7	1.4	5.1	15.7	9.7	25.4	.6	2.2	2.2
	OTHER AND UNKNOWN	79	—	.2	1.8	.2	.4	1.3	3.7	2.3	5.9	.2	.6	.6
3452	BOLTS, NUTS, RIVETS, AND WASHERS													
	TOTAL	678	396	60.1	590.7	46.0	96.6	407.7	1 196.8	851.9	2 027.6	55.7	385.9	407.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	215	199	45.2	449.4	34.4	73.3	314.5	919.3	632.0	1 536.1	43.4	314.4	329.9
	CORPORATE OWNERSHIP OR CONTROL	213	198	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	463	197	15.0	141.3	11.6	23.2	93.2	277.5	219.9	491.5	12.3	71.4	77.9
	CORPORATE OWNERSHIP OR CONTROL	395	191	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	68	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	611	389	59.7	587.4	45.6	95.8	405.2	1 188.5	845.6	2 013.0	55.3	383.9	405.9
	NONCORPORATE, TOTAL	67	7	.5	3.3	.4	.7	2.5	8.3	6.3	14.6	.4	1.9	1.9
	INDIVIDUAL	39	4	.3	1.5	.2	.4	1.2	3.0	2.2	5.2	.2	.8	.9
	PARTNERSHIP	15	3	.2	1.6	.1	.3	1.2	4.7	3.7	8.5	.2	.8	.8
	OTHER AND UNKNOWN	13	—	(Z)	.2	(Z)	(Z)	.1	.6	.4	1.0	(Z)	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3462	IRON AND STEEL FORGINGS													
	TOTAL	280	18	34.3	387.2	27.8	55.2	299.5	661.8	741.8	1 416.1	28.1	198.8	219.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	100	91	25.9	299.5	21.0	41.8	235.1	497.0	583.8	1 080.0	20.7	154.4	167.7
	CORPORATE OWNERSHIP OR CONTROL . .	100	91	25.9	299.5	21.0	41.8	235.1	497.0	583.8	1 080.0	20.7	154.4	167.7
	SINGLE UNIT COMPANIES, TOTAL	180	8	8.4	87.7	6.8	13.4	64.4	164.7	173.0	336.1	7.4	44.4	51.7
	CORPORATE OWNERSHIP OR CONTROL . .	162	7	8.3	84.9	6.7	13.2	63.8	163.3	171.7	333.3	7.4	44.1	51.4
	NONCORPORATE OWNERSHIP	18	1	.1	.8	.1	.2	.6	1.5	1.4	2.8	(2)	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	252	179	34.2	386.4	27.7	55.0	298.9	660.3	760.5	1 413.3	28.1	198.5	219.1
	NONCORPORATE, TOTAL	18	1	.1	.8	.1	.2	.6	1.5	1.4	2.8	(2)	.3	.3
	INDIVIDUAL	7	1	(2)	.2	(2)	.1	.2	.4	.5	.9	(2)	.1	.1
	PARTNERSHIP	7	1	(2)	.3	(2)	.1	.3	.7	.5	1.2	(2)	.1	.1
	OTHER AND UNKNOWN	4	—	(2)	.2	(2)	(2)	.2	.4	.5	.7	(2)	.1	.1
3463	NONFERROUS FORGINGS													
	TOTAL	46	33	5.8	63.7	4.5	9.0	45.4	104.0	118.9	222.5	7.0	57.8	60.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	22	20	5.0	56.6	3.9	7.9	40.6	90.9	106.4	197.6	5.7	55.2	56.1
	CORPORATE OWNERSHIP OR CONTROL . .	22	20	5.0	56.6	3.9	7.9	40.6	90.9	106.4	197.6	5.7	55.2	56.1
	SINGLE UNIT COMPANIES, TOTAL	24	13	.7	7.2	.5	1.1	4.7	13.2	12.6	25.0	1.3	2.5	3.8
	CORPORATE OWNERSHIP OR CONTROL . .	22	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	44	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3465	AUTOMOTIVE STAMPINGS													
	TOTAL	453	364	123.3	1 485.4	103.0	217.5	1 174.6	2 663.8	2 624.5	5 286.0	117.5	448.8	447.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	170	164	107.2	1 337.1	89.9	190.4	1 071.1	2 338.5	2 311.9	4 703.6	102.2	401.3	390.6
	CORPORATE OWNERSHIP OR CONTROL . .	170	164	107.2	1 337.1	89.9	190.4	1 071.1	2 338.5	2 311.9	4 703.6	102.2	401.3	390.6
	SINGLE UNIT COMPANIES, TOTAL	283	200	16.1	148.3	13.1	27.0	103.5	275.4	312.6	582.4	15.3	47.6	56.4
	CORPORATE OWNERSHIP OR CONTROL . .	275	194	15.6	144.0	12.8	26.4	101.2	267.7	302.7	564.3	15.0	45.7	54.9
	NONCORPORATE OWNERSHIP	8	6	.5	4.3	.3	.6	2.4	7.7	10.0	17.6	.3	1.9	1.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	445	358	122.8	1 481.1	102.7	216.8	1 172.3	2 656.2	2 614.5	5 268.4	117.2	446.9	445.4
	NONCORPORATE, TOTAL	8	6	.5	4.3	.3	.6	2.4	7.7	10.0	17.6	.3	1.9	1.5
	INDIVIDUAL	3	2	.1	.4	.1	.1	.4	1.1	1.3	2.3	.2	.1	.1
	PARTNERSHIP	5	4	.4	3.9	.3	.5	2.0	6.6	8.7	15.3	.2	1.8	1.4
3466	CROWNS AND CLOSURES													
	TOTAL	53	48	8.1	74.1	6.7	13.4	55.1	166.7	180.9	343.5	8.3	62.8	62.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	28	27	6.2	59.0	5.1	10.2	44.2	137.5	147.3	281.4	6.6	54.0	53.7
	CORPORATE OWNERSHIP OR CONTROL . .	28	27	6.2	59.0	5.1	10.2	44.2	137.5	147.3	281.4	6.6	54.0	53.7
	SINGLE UNIT COMPANIES, TOTAL	25	21	1.9	15.1	1.5	3.1	10.9	29.2	33.6	62.0	1.7	8.9	8.9
	CORPORATE OWNERSHIP OR CONTROL . .	24	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	52	47	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3469	METAL STAMPINGS, N.E.C.													
	TOTAL	2 356	982	92.0	781.0	74.2	146.5	554.8	1 461.0	1 247.9	2 688.8	76.7	356.4	382.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	337	291	45.1	374.1	36.0	70.7	267.7	753.3	710.9	1 450.3	34.6	235.7	251.2
	CORPORATE OWNERSHIP OR CONTROL . .	336	291	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	2 019	701	46.9	406.9	38.2	75.8	287.0	707.7	537.0	1 238.5	42.1	120.6	131.1
	CORPORATE OWNERSHIP OR CONTROL . .	1 642	676	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	357	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 996	959	90.0	764.8	72.4	143.1	541.9	1 428.7	1 225.2	2 634.1	74.7	350.9	376.6
	NONCORPORATE, TOTAL	358	23	2.0	16.1	1.8	3.4	12.8	32.3	22.7	54.7	2.0	5.4	5.8
	INDIVIDUAL	195	13	1.0	8.1	.9	1.7	6.4	15.7	10.3	26.0	.8	2.5	2.7
	PARTNERSHIP	62	10	.7	5.2	.6	1.2	4.2	11.9	8.7	20.5	.8	2.0	2.2
	OTHER AND UNKNOWN	81	—	.3	2.8	.3	.5	2.3	4.6	3.6	8.2	.4	.8	.9

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3471	PLATING AND POLISHING													
	TOTAL	3 264	825	54.6	403.1	45.2	89.2	289.5	741.2	294.8	1 034.5	40.2	48.0	51.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	236	162	11.2	88.4	9.2	19.0	63.6	178.0	86.2	263.2	11.1	18.7	20.0
	CORPORATE OWNERSHIP OR CONTROL	236	162	11.2	88.4	9.2	19.0	63.6	178.0	86.2	263.2	11.1	18.7	20.0
	SINGLE UNIT COMPANIES, TOTAL	3 028	663	43.3	314.7	36.0	70.2	225.9	563.2	208.6	771.3	29.1	29.2	31.4
	CORPORATE OWNERSHIP OR CONTROL	2 059	626	38.7	284.2	31.8	62.3	202.3	496.4	166.6	682.4	26.1	25.5	27.7
	NONCORPORATE OWNERSHIP	969	37	4.6	30.4	4.2	7.9	23.6	66.9	22.0	88.9	3.0	3.7	3.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	2 295	788	49.9	372.6	41.0	81.3	265.8	674.3	272.8	945.6	37.1	44.4	47.7
	NONCORPORATE, TOTAL	969	37	4.6	30.4	4.2	7.9	23.6	66.9	22.0	88.9	3.0	3.7	3.7
	INDIVIDUAL	466	13	1.9	11.9	1.7	3.1	9.2	28.8	9.3	38.1	1.3	1.6	1.6
	PARTNERSHIP	259	24	1.9	12.8	1.7	3.3	10.1	27.6	9.0	36.6	1.2	1.4	1.3
	OTHER AND UNKNOWN	244	-	.9	5.8	.8	1.5	4.4	10.4	3.7	14.1	.5	.7	.7
3479	METAL COATING AND ALLIED SERVICES													
	TOTAL	1 497	372	27.6	221.1	22.5	43.5	155.8	379.2	328.7	701.8	24.0	56.4	64.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	206	135	11.0	90.8	8.7	16.8	64.7	184.8	180.6	359.9	12.4	34.5	41.8
	CORPORATE OWNERSHIP OR CONTROL	203	133	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 291	237	16.6	130.3	13.8	26.7	91.1	194.4	148.0	341.9	11.6	21.9	22.9
	CORPORATE OWNERSHIP OR CONTROL	874	228	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	417	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 077	361	26.2	211.6	21.3	41.3	148.9	381.3	294.4	669.6	23.0	54.0	62.4
	NONCORPORATE, TOTAL	420	11	1.4	9.5	1.2	2.2	7.0	-2.1	34.3	32.2	.9	2.4	2.4
	INDIVIDUAL	234	4	.6	4.5	.6	1.0	3.3	10.5	5.7	16.2	.5	1.3	1.3
	PARTNERSHIP	72	7	.5	3.2	.4	.7	2.3	-15.8	26.8	10.9	.3	.8	.8
	OTHER AND UNKNOWN	114	-	.3	1.8	.2	.4	1.3	3.2	1.8	5.0	.2	.4	.4
3482	SMALL ARMS AMMUNITION													
	TOTAL	62	25	13.9	129.3	10.4	21.0	88.3	228.6	218.4	438.0	10.8	145.0	147.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	18	13	13.0	123.9	9.8	19.8	84.8	218.5	204.7	414.7	9.8	141.2	143.1
	CORPORATE OWNERSHIP OR CONTROL	16	13	13.0	123.9	9.8	19.8	84.8	218.5	204.7	414.7	9.8	141.2	143.1
	SINGLE UNIT COMPANIES, TOTAL	44	12	.9	5.3	.7	1.2	3.6	10.1	13.7	23.3	1.0	3.9	4.2
	CORPORATE OWNERSHIP OR CONTROL	34	12	.9	5.2	.7	1.2	3.5	9.5	13.1	22.1	.9	3.5	3.9
	NONCORPORATE OWNERSHIP	10	-	(Z)	.1	(Z)	(Z)	.1	.6	.6	1.2	(Z)	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	52	25	13.9	129.1	10.4	21.0	88.2	228.0	217.8	436.7	10.8	144.7	147.0
	NONCORPORATE, TOTAL	10	-	(Z)	.1	(Z)	(Z)	.1	.6	.6	1.2	(Z)	.3	.3
	INDIVIDUAL	8	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3483	AMMUNITION, EXCEPT SMALL ARMS, N.E.C.													
	TOTAL	95	77	54.9	479.1	36.8	73.2	277.3	655.5	826.3	1 477.9	24.5	142.8	146.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	61	59	51.0	450.6	33.4	66.1	254.6	622.6	764.7	1 383.4	23.1	128.1	131.8
	CORPORATE OWNERSHIP OR CONTROL	61	59	51.0	450.6	33.4	66.1	254.6	622.6	764.7	1 383.4	23.1	128.1	131.8
	SINGLE UNIT COMPANIES, TOTAL	34	16	3.9	28.5	3.4	7.0	22.8	32.8	61.6	94.5	1.3	14.7	14.6
	CORPORATE OWNERSHIP OR CONTROL	27	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	7	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	88	76	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	7	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3484	SMALL ARMS													
	TOTAL	82	41	16.1	152.1	11.5	23.1	100.5	278.6	122.1	393.5	11.3	88.1	96.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	30	26	15.1	144.3	10.7	21.6	94.8	262.8	114.0	369.3	10.8	84.3	93.1
	CORPORATE OWNERSHIP OR CONTROL	30	26	15.1	144.3	10.7	21.6	94.8	262.8	114.0	369.3	10.8	84.3	93.1
	SINGLE UNIT COMPANIES, TOTAL	52	15	1.0	7.9	.8	1.5	5.8	15.8	8.1	24.2	.5	3.8	3.3
	CORPORATE OWNERSHIP OR CONTROL	45	15	1.0	7.8	.8	1.5	5.7	15.5	8.0	23.9	.5	3.8	3.3
	NONCORPORATE OWNERSHIP	7	-	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	75	41	16.0	152.0	11.4	23.1	100.5	278.4	122.0	393.2	11.2	88.1	96.4
	NONCORPORATE, TOTAL	7	-	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	(Z)	.1	.1
	INDIVIDUAL	4	-	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	(Z)	(Z)	(Z)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	(Z)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3489	ORDNANCE AND ACCESSORIES, N.E.C.													
	TOTAL	76	36	24.6	254.8	14.5	27.5	124.8	344.6	133.3	477.7	15.0	37.9	33.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	33	26	23.6	246.7	13.7	26.1	119.4	330.2	123.2	453.1	14.6	35.2	30.6
	CORPORATE OWNERSHIP OR CONTROL	33	26	23.6	246.7	13.7	26.1	119.4	330.2	123.2	453.1	14.6	35.2	30.6
	SINGLE UNIT COMPANIES, TOTAL	43	10	1.0	8.1	.8	1.4	5.3	14.5	10.1	24.6	.5	2.7	2.6
	CORPORATE OWNERSHIP OR CONTROL	28	10	1.0	7.8	.7	1.3	5.1	13.9	9.9	23.9	.4	2.7	2.6
	NONCORPORATE OWNERSHIP	15	-	(Z)	.3	(Z)	.1	.2	.5	.2	.7	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	61	36	24.5	254.5	14.4	27.4	124.6	344.1	133.1	477.0	15.0	37.9	33.2
	NONCORPORATE, TOTAL	15	-	(Z)	.3	(Z)	.1	.2	.5	.2	.7	(Z)	.1	.1
	INDIVIDUAL	9	-	(Z)	.2	(Z)	.1	.1	.5	.2	.6	(Z)	(Z)	(Z)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3493	STEEL SPRINGS, EXCEPT WIRE													
	TOTAL	110	53	8.5	79.9	6.7	13.3	56.9	149.7	163.1	331.4	6.6	50.7	57.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	36	29	6.5	60.4	5.2	10.2	44.6	110.0	118.9	227.8	5.6	34.3	36.5
	CORPORATE OWNERSHIP OR CONTROL	36	29	6.5	60.4	5.2	10.2	44.6	110.0	118.9	227.8	5.6	34.3	36.5
	SINGLE UNIT COMPANIES, TOTAL	74	24	2.0	10.5	1.5	3.0	12.3	39.7	64.3	103.6	1.0	16.4	18.8
	CORPORATE OWNERSHIP OR CONTROL	51	22	1.9	18.9	1.4	2.9	11.8	38.4	62.9	100.9	1.0	16.0	18.4
	NONCORPORATE OWNERSHIP	23	2	.1	.6	.1	.2	.5	1.3	1.3	2.6	.1	.4	.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	87	51	8.4	79.3	6.6	13.1	56.3	148.4	181.8	328.7	6.6	50.3	57.0
	NONCORPORATE, TOTAL	23	2	.1	.6	.1	.2	.5	1.3	1.3	2.6	.1	.4	.4
	INDIVIDUAL	10	1	(Z)	.3	(Z)	.1	.2	.3	.2	.6	(Z)	.1	(Z)
	PARTNERSHIP	6	1	(Z)	.2	(Z)	.1	.2	.7	.9	1.6	(Z)	.2	.3
	OTHER AND UNKNOWN	7	-	(Z)	.1	(Z)	(Z)	.1	.2	.3	.5	(Z)	.1	.1
3494	VALVES AND PIPE FITTINGS													
	TOTAL	780	464	94.3	879.9	65.6	131.3	547.2	1 751.2	1 246.8	2 956.9	79.0	742.2	782.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	319	286	76.3	713.0	52.8	105.5	446.3	1 408.3	993.9	2 371.8	63.5	616.3	645.1
	CORPORATE OWNERSHIP OR CONTROL	319	286	76.3	713.0	52.8	105.5	446.3	1 408.3	993.9	2 371.8	63.5	616.3	645.1
	SINGLE UNIT COMPANIES, TOTAL	461	178	18.1	166.9	12.8	25.7	100.9	342.9	253.0	585.1	15.5	125.9	137.2
	CORPORATE OWNERSHIP OR CONTROL	397	173	17.2	159.0	12.3	24.6	96.3	324.1	239.1	553.1	14.9	116.3	127.0
	NONCORPORATE OWNERSHIP	64	5	.9	7.9	.6	1.1	4.6	18.8	13.8	32.0	.6	9.6	10.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	716	459	93.5	872.0	65.0	130.1	542.6	1 732.4	1 233.0	2 924.9	78.4	732.6	772.1
	NONCORPORATE, TOTAL	64	5	.9	7.9	.6	1.1	4.6	18.8	13.8	32.0	.6	9.6	10.2
	INDIVIDUAL	22	1	1.0	.1	.1	.2	.7	3.7	2.7	6.4	.2	1.5	1.5
	PARTNERSHIP	21	4	.7	6.5	.4	.8	3.7	13.5	10.0	22.9	.3	7.3	7.9
	OTHER AND UNKNOWN	21	-	.1	.4	(Z)	.1	.3	1.6	1.1	2.7	.1	.7	.7
3495	WIRE SPRINGS													
	TOTAL	284	216	23.7	193.2	19.8	40.0	144.5	340.7	273.3	611.9	12.9	63.1	66.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	131	117	15.8	127.8	13.3	26.4	96.3	233.3	204.1	436.3	9.3	46.8	49.1
	CORPORATE OWNERSHIP OR CONTROL	131	117	15.8	127.8	13.3	26.4	96.3	233.3	204.1	436.3	9.3	46.8	49.1
	SINGLE UNIT COMPANIES, TOTAL	153	99	7.9	65.4	6.5	13.6	48.2	107.4	69.1	175.6	3.6	16.3	17.4
	CORPORATE OWNERSHIP OR CONTROL	147	97	7.8	64.7	6.4	13.5	47.6	106.4	68.5	174.0	3.6	16.1	17.3
	NONCORPORATE OWNERSHIP	6	2	.1	.7	.1	.2	.5	1.0	.6	1.6	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	276	214	23.6	192.5	19.7	39.9	143.9	339.7	272.7	610.3	12.9	62.9	66.3
	NONCORPORATE, TOTAL	6	2	.1	.7	.1	.2	.5	1.0	.6	1.6	(Z)	.2	.2
	INDIVIDUAL	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3496	MISCELLANEOUS FABRICATED WIRE PRODUCTS													
	TOTAL	1 211	412	33.2	261.4	26.5	51.7	177.3	504.4	462.7	959.7	28.9	157.1	158.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	184	139	15.6	133.3	12.1	24.2	91.5	260.5	274.3	529.3	15.4	106.2	104.4
	CORPORATE OWNERSHIP OR CONTROL	184	139	15.6	133.3	12.1	24.2	91.5	260.5	274.3	529.3	15.4	106.2	104.4
	SINGLE UNIT COMPANIES, TOTAL	1 027	273	17.5	128.1	14.4	27.5	85.9	244.0	188.4	430.4	13.6	50.8	54.3
	CORPORATE OWNERSHIP OR CONTROL	737	269	16.5	120.8	13.5	25.8	80.6	225.6	174.9	398.5	12.4	46.8	50.3
	NONCORPORATE OWNERSHIP	290	4	1.0	7.3	.9	1.6	5.2	18.4	13.5	31.8	1.1	4.0	4.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	921	408	32.1	254.1	25.6	50.0	172.1	486.0	449.2	927.9	27.8	153.1	154.7
	NONCORPORATE, TOTAL	290	4	1.0	7.3	.9	1.6	5.2	18.4	13.5	31.8	1.1	4.0	4.0
	INDIVIDUAL	145	2	.5	3.1	.4	.7	2.3	8.4	6.1	14.5	.5	1.7	1.7
	PARTNERSHIP	72	2	.3	2.5	.3	.5	1.7	6.3	4.7	11.0	.4	1.4	1.4
	OTHER AND UNKNOWN	73	-	.2	1.6	.2	.4	1.2	3.6	2.8	6.4	.2	.9	.9

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3497	METAL FOIL AND LEAF													
	TOTAL	63	40	5.4	51.9	3.9	8.1	33.2	126.5	157.6	282.0	8.2	41.7	43.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	35	28	4.4	41.6	3.2	6.7	27.2	105.6	135.4	239.2	6.1	36.7	38.8
	CORPORATE OWNERSHIP OR CONTROL	35	28	4.4	41.6	3.2	6.7	27.2	105.6	135.4	239.2	6.1	36.7	38.8
	SINGLE UNIT COMPANIES, TOTAL	28	12	1.0	10.3	.7	1.4	6.0	20.8	22.2	42.8	2.1	5.0	5.0
	CORPORATE OWNERSHIP OR CONTROL	22	12	1.0	10.0	.7	1.4	5.8	20.3	21.0	41.1	2.1	4.8	4.8
	NONCORPORATE OWNERSHIP	6	-	(Z)	.3	(Z)	(Z)	.2	.5	1.2	1.7	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	57	40	5.4	51.6	3.9	8.1	33.0	126.0	156.4	280.3	8.2	41.6	43.6
	NONCORPORATE, TOTAL	6	-	(Z)	.3	(Z)	(Z)	.2	.5	1.2	1.7	(Z)	.2	.2
	PARTNERSHIP	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3498	FABRICATED PIPE AND FITTINGS													
	TOTAL	423	202	17.5	164.7	13.2	25.9	112.4	363.1	352.2	704.4	14.7	149.5	157.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	137	104	11.3	107.7	8.3	16.5	73.2	257.9	245.5	494.1	11.2	119.9	125.8
	CORPORATE OWNERSHIP OR CONTROL	137	104	11.3	107.7	8.3	16.5	73.2	257.9	245.5	494.1	11.2	119.9	125.8
	SINGLE UNIT COMPANIES, TOTAL	286	98	6.2	57.0	4.9	9.4	39.2	105.2	106.7	210.2	3.5	29.6	31.7
	CORPORATE OWNERSHIP OR CONTROL	227	95	5.9	54.3	4.6	9.0	37.3	98.2	100.4	197.0	3.2	27.6	29.6
	NONCORPORATE OWNERSHIP	59	3	.3	2.7	.3	.5	2.0	7.0	6.3	13.3	.3	2.0	2.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	364	199	17.2	162.1	12.9	25.4	110.4	356.1	345.9	691.1	14.3	147.5	155.5
	NONCORPORATE, TOTAL	59	3	.3	2.7	.3	.5	2.0	7.0	6.3	13.3	.3	2.0	2.0
	INDIVIDUAL	25	-	.1	.8	.1	.2	.6	2.6	2.3	4.9	.2	1.1	1.1
	PARTNERSHIP	21	3	.1	1.4	.1	.2	1.1	3.3	3.0	6.2	.1	.5	.5
	OTHER AND UNKNOWN	13	-	.1	.4	(Z)	.1	.3	1.1	1.0	2.2	.1	.4	.4
3499	FABRICATED METAL PRODUCTS, N.E.C.													
	TOTAL	2 343	653	61.8	510.7	47.2	92.2	337.7	1 047.4	896.9	1 938.6	61.8	302.2	301.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	310	233	31.9	278.5	23.6	46.9	182.5	608.2	542.9	1 150.0	27.4	203.2	197.4
	CORPORATE OWNERSHIP OR CONTROL	303	232	31.8	278.1	23.5	46.8	182.2	607.0	542.2	1 148.2	27.4	202.9	197.1
	NONCORPORATE OWNERSHIP	7	1	.1	.4	.1	.1	.3	1.2	.6	1.8	(Z)	.3	.3
	SINGLE UNIT COMPANIES, TOTAL	2 033	420	29.9	232.2	23.7	45.3	155.2	439.3	354.1	788.5	34.4	99.1	103.8
	CORPORATE OWNERSHIP OR CONTROL	1 664	407	28.4	221.8	22.4	43.0	147.7	416.1	337.1	748.4	33.1	93.6	98.1
	NONCORPORATE OWNERSHIP	369	13	1.5	10.4	1.3	2.3	7.5	23.1	17.0	40.1	1.4	5.5	5.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 967	639	60.2	499.8	45.9	89.8	329.9	1 023.1	879.3	1 896.6	60.4	296.4	295.2
	NONCORPORATE, TOTAL	376	14	1.6	10.9	1.4	2.4	7.9	24.3	17.6	42.0	1.4	5.8	6.0
	INDIVIDUAL	160	-	.7	4.5	.6	1.1	3.2	10.6	7.6	18.2	.6	2.2	2.4
	PARTNERSHIP	146	6	.7	5.3	.6	1.1	3.9	11.5	8.0	19.5	.6	3.0	3.0
	OTHER AND UNKNOWN	64	-	.2	1.1	.1	.2	.7	2.3	2.0	4.3	.2	.6	.6
35	MACHINERY, EXCEPT ELECTRICAL													
	TOTAL	40 792	10 599	1 827.7	18 523.3	1 266.9	2 538.3	11 358.6	37 562.9	29 204.1	65 820.7	1 906.3	14 207.4	15 036.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	5 241	4 235	1 325.1	13 778.6	892.7	1 790.7	8 285.7	28 971.9	23 952.4	52 164.5	1 464.3	12 199.2	12 767.5
	CORPORATE OWNERSHIP OR CONTROL	5 191	4 218	1 323.9	13 767.4	891.7	1 788.8	8 277.9	28 954.3	23 936.4	52 129.1	1 463.6	12 193.9	12 764.2
	NONCORPORATE OWNERSHIP	50	17	1.2	11.2	.9	1.8	7.8	17.6	16.0	35.4	.7	5.3	3.3
	SINGLE UNIT COMPANIES, TOTAL	35 551	6 364	502.6	4 744.7	374.2	747.6	3 072.9	8 591.0	5 251.8	13 656.3	442.0	2 008.2	2 269.3
	CORPORATE OWNERSHIP OR CONTROL	24 499	6 178	466.3	4 439.8	342.7	688.5	2 842.1	7 909.6	4 910.1	12 636.4	405.8	1 880.5	2 138.6
	NONCORPORATE OWNERSHIP	11 052	186	36.4	304.9	31.6	59.1	230.7	681.5	341.6	1 019.8	36.3	127.7	130.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	29 690	10 396	1 790.1	18 207.2	1 234.4	2 477.3	11 120.1	36 863.8	28 846.5	64 765.5	1 869.3	14 074.4	14 902.8
	NONCORPORATE, TOTAL	11 102	203	37.6	316.0	32.5	61.0	236.5	699.1	357.6	1 055.2	37.0	132.9	134.0
	INDIVIDUAL	5 958	103	18.7	157.9	16.3	30.4	118.7	350.8	172.4	523.3	19.6	63.8	63.1
	PARTNERSHIP	2 173	100	11.6	97.2	9.8	18.8	74.6	215.4	116.4	330.8	10.0	42.7	43.8
	OTHER AND UNKNOWN	2 971	-	7.2	61.0	6.4	11.8	45.2	132.9	68.9	201.2	7.4	26.4	27.2
3511	TURBINES, TURBINE GENERATOR SETS													
	TOTAL	75	46	46.2	548.9	28.8	59.2	299.1	1 225.3	968.6	2 189.0	93.5	513.9	528.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	33	32	45.1	538.4	28.0	57.6	293.0	1 204.9	948.9	2 148.5	92.4	507.4	519.7
	CORPORATE OWNERSHIP OR CONTROL	33	32	45.1	538.4	28.0	57.6	293.0	1 204.9	948.9	2 148.5	92.4	507.4	519.7
	SINGLE UNIT COMPANIES, TOTAL	42	14	1.1	10.5	.8	1.6	6.0	20.3	19.7	40.5	1.0	6.6	8.6
	CORPORATE OWNERSHIP OR CONTROL	39	14	1.1	10.5	.8	1.6	6.0	20.3	19.6	40.3	1.0	6.5	8.6
	NONCORPORATE OWNERSHIP	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.1	(Z)	(Z)	(Z)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	72	46	46.2	548.8	28.8	59.2	299.1	1 225.2	968.5	2 148.0	93.5	513.9	528.3
	NONCORPORATE, TOTAL	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.1	(Z)	(Z)	(Z)
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3519	INTERNAL COMBUSTION ENGINES, N.E.C.													
	TOTAL	178	108	69.9	771.4	52.2	104.3	534.5	1 674.2	1 747.1	3 318.4	92.0	587.7	679.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	84	79	67.8	752.4	50.6	101.4	522.1	1 638.5	1 714.2	3 250.7	89.2	577.2	628.0
	CORPORATE OWNERSHIP OR CONTROL . .	84	79	67.8	752.4	50.6	101.4	522.1	1 638.5	1 714.2	3 250.7	89.2	577.2	628.0
	SINGLE UNIT COMPANIES, TOTAL	94	29	2.1	19.0	1.5	2.9	12.4	35.7	32.6	67.7	2.8	10.5	11.5
	CORPORATE OWNERSHIP OR CONTROL . .	91	29	2.0	18.6	1.5	2.8	12.1	34.9	32.1	66.2	2.7	10.3	11.3
	NONCORPORATE OWNERSHIP	13	-	(Z)	.3	(Z)	.1	.3	.8	.7	1.5	.1	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	165	108	69.8	771.1	52.1	104.2	534.2	1 673.4	1 746.4	3 316.9	91.9	587.5	679.1
	NONCORPORATE, TOTAL	13	-	(Z)	.3	(Z)	.1	.3	.8	.7	1.5	.1	.2	.2
	INDIVIDUAL	4	-	(Z)	.2	(Z)	(Z)	.1	.3	.3	.5	(Z)	.1	.1
	PARTNERSHIP	4	-	(Z)	.2	(Z)	(Z)	.1	.4	.4	.8	(Z)	.1	.1
	OTHER AND UNKNOWN	5	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.1	(Z)	(Z)	(Z)
3523	FARM MACHINERY AND EQUIPMENT													
	TOTAL	1 548	564	104.6	1 045.7	79.9	157.1	732.3	2 248.0	2 401.5	4 531.4	116.0	866.5	998.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	243	202	77.4	846.9	58.9	116.4	603.5	1 850.4	1 973.6	3 718.2	96.7	701.2	816.3
	CORPORATE OWNERSHIP OR CONTROL . .	242	201	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 305	362	27.2	198.8	21.0	40.7	128.8	397.7	427.8	813.2	19.3	165.2	182.4
	CORPORATE OWNERSHIP OR CONTROL . .	938	346	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	367	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 180	547	102.8	1 034.1	78.4	154.5	724.0	2 221.1	2 368.3	4 471.2	114.7	853.3	985.8
	NONCORPORATE, TOTAL	368	17	1.8	11.6	1.5	2.6	8.3	26.9	33.2	60.1	1.3	13.1	12.9
	INDIVIDUAL	159	6	4.1	4.1	.5	.9	3.0	10.6	10.8	21.2	.5	4.1	4.2
	PARTNERSHIP	90	11	.8	5.3	.7	1.3	3.7	11.7	16.8	28.7	.6	6.6	6.3
	OTHER AND UNKNOWN	119	-	.3	2.3	.3	.5	1.6	4.6	5.6	10.2	.2	2.4	2.4
3524	LAWN AND GARDEN EQUIPMENT													
	TOTAL	110	86	20.7	165.5	15.1	29.3	108.3	453.2	652.2	1 059.1	47.6	258.9	287.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	54	50	16.7	135.0	12.1	23.6	88.8	384.9	532.8	871.7	44.6	224.0	250.8
	CORPORATE OWNERSHIP OR CONTROL . .	54	50	16.7	135.0	12.1	23.6	88.8	384.9	532.8	871.7	44.6	224.0	250.8
	SINGLE UNIT COMPANIES, TOTAL	56	36	4.0	30.5	3.0	5.7	19.5	68.4	119.4	187.4	3.0	34.8	36.4
	CORPORATE OWNERSHIP OR CONTROL . .	52	35	3.8	29.5	2.8	5.4	18.6	66.3	114.2	180.1	2.9	34.0	35.3
	NONCORPORATE OWNERSHIP	4	1	.2	1.0	.1	.3	.9	2.1	5.2	7.3	.1	.8	1.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	106	85	20.5	164.5	14.9	29.0	107.4	451.2	646.9	1 051.8	47.5	258.1	286.1
	NONCORPORATE, TOTAL	4	1	.2	1.0	.1	.3	.9	2.1	5.2	7.3	.1	.8	1.1
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3531	CONSTRUCTION MACHINERY													
	TOTAL	748	387	133.8	1 460.2	98.2	197.4	997.0	3 130.7	3 055.2	6 091.0	159.5	1 587.2	1 693.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	257	228	120.8	1 341.4	88.8	178.7	922.2	2 898.3	2 824.6	5 636.6	146.4	1 498.5	1 594.6
	CORPORATE OWNERSHIP OR CONTROL . .	256	227	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	491	159	13.0	118.8	9.4	18.7	74.9	232.4	230.6	454.4	13.1	88.6	101.0
	CORPORATE OWNERSHIP OR CONTROL . .	423	156	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	68	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	679	383	133.4	1 456.9	97.9	196.9	994.7	3 125.5	3 048.6	6 079.1	159.3	1 584.3	1 693.1
	NONCORPORATE, TOTAL	69	4	.4	3.3	.3	.6	2.3	5.2	6.6	11.9	.2	2.9	2.6
	INDIVIDUAL	34	2	.2	1.9	.2	.3	1.2	2.8	4.7	7.7	.1	2.0	1.7
	PARTNERSHIP	11	2	.8	1.1	.2	.2	.8	1.3	.6	1.9	(Z)	.3	.3
	OTHER AND UNKNOWN	24	-	.1	.5	.1	.1	.4	1.1	1.2	2.4	.1	.6	.6
3532	MINING MACHINERY													
	TOTAL	240	124	21.3	197.6	14.3	27.4	118.9	393.2	389.0	771.2	13.4	231.3	237.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	80	65	17.3	161.3	11.4	21.9	97.9	324.7	322.9	640.3	11.0	199.1	205.3
	CORPORATE OWNERSHIP OR CONTROL . .	80	65	17.3	161.3	11.4	21.9	97.9	324.7	322.9	640.3	11.0	199.1	205.3
	SINGLE UNIT COMPANIES, TOTAL	160	59	4.0	36.2	2.9	5.5	21.0	68.5	66.1	131.0	2.4	32.3	32.5
	CORPORATE OWNERSHIP OR CONTROL . .	129	58	3.9	35.3	2.8	5.3	20.3	66.5	64.1	126.9	2.3	31.4	31.6
	NONCORPORATE OWNERSHIP	31	1	.1	1.0	.1	.2	.7	2.1	2.0	4.1	.1	.9	.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	209	123	21.2	196.6	14.2	27.2	118.2	391.1	387.0	767.1	13.3	230.5	236.8
	NONCORPORATE, TOTAL	31	1	.1	1.0	.1	.2	.7	2.1	2.0	4.1	.1	.9	.9
	INDIVIDUAL	16	1	.1	.5	(Z)	.1	.3	1.0	.9	1.9	(Z)	.3	.3
	PARTNERSHIP	7	-	(Z)	.3	(Z)	.1	.2	.5	.6	1.1	(Z)	.3	.3
	OTHER AND UNKNOWN	7	-	(Z)	.2	(Z)	(Z)	.1	.5	.6	1.1	(Z)	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages	(million dollars)	(million dollars)	(million dollars)	(million dollars)	1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3533	OILFIELD MACHINERY													
	TOTAL	315	159	35.9	357.5	24.3	49.9	217.3	788.6	463.6	1 213.0	54.7	344.1	382.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	145	113	32.3	325.4	21.9	44.8	197.8	720.1	417.7	1 101.9	46.3	317.5	353.7
	CORPORATE OWNERSHIP OR CONTROL	142	112	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	170	46	3.6	32.1	2.5	5.1	19.5	68.6	46.0	111.1	8.4	26.6	28.5
	CORPORATE OWNERSHIP OR CONTROL	134	44	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	36	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	276	156	35.7	356.0	24.2	49.6	216.4	783.4	460.4	1 204.5	54.4	341.5	379.6
	NONCORPORATE, TOTAL	39	3	.2	1.5	.1	.3	.9	5.3	3.2	8.5	.3	2.6	2.6
	INDIVIDUAL	14	1	.1	.6	.1	.1	.3	1.4	.8	2.3	.1	.8	.7
	PARTNERSHIP	13	2	.1	.6	.1	.1	.4	2.3	1.6	3.9	.1	1.3	1.3
	OTHER AND UNKNOWN	12	-	(Z)	.3	(Z)	.1	.2	1.5	.8	2.3	.1	.6	.6
3534	ELEVATORS AND MOVING STAIRWAYS													
	TOTAL	154	88	15.0	144.5	8.6	17.2	73.7	310.2	181.7	483.6	7.8	130.7	133.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	48	45	11.5	109.3	6.4	12.7	52.8	248.6	145.6	386.2	6.9	115.1	117.8
	CORPORATE OWNERSHIP OR CONTROL	47	44	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	106	43	3.5	35.3	2.2	4.6	20.9	61.6	36.1	97.3	.9	19.6	15.3
	CORPORATE OWNERSHIP OR CONTROL	96	42	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	10	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	143	86	14.9	143.6	8.6	17.1	73.1	307.7	180.0	479.4	7.6	130.4	132.8
	NONCORPORATE, TOTAL	11	2	.1	1.0	.1	.1	.6	2.5	1.7	4.1	.1	.3	.4
	INDIVIDUAL	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3535	CONVEYORS AND CONVEYING EQUIPMENT													
	TOTAL	492	243	27.2	275.5	16.4	32.6	138.9	540.1	431.0	968.0	13.2	153.5	152.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	119	101	18.1	185.0	10.4	20.4	88.6	375.8	295.7	670.6	9.1	119.1	114.1
	CORPORATE OWNERSHIP OR CONTROL	118	101	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	373	142	9.1	90.5	6.0	12.2	50.4	164.4	135.3	297.3	4.1	34.3	38.2
	CORPORATE OWNERSHIP OR CONTROL	320	140	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	53	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	438	241	26.9	272.9	16.2	32.2	137.3	534.7	425.9	957.6	13.1	152.3	150.9
	NONCORPORATE, TOTAL	54	2	.3	2.6	.2	.4	1.7	5.4	5.1	10.4	.1	1.2	1.3
	INDIVIDUAL	26	1	.1	1.0	.1	.2	.7	2.0	1.5	3.5	.1	.5	.5
	PARTNERSHIP	14	1	.1	1.3	.1	.2	.8	2.6	2.9	5.4	.1	.5	.6
	OTHER AND UNKNOWN	14	-	(Z)	.3	(Z)	.1	.2	.8	.6	1.4	(Z)	.2	.2
3536	HOISTS, CRANES, AND MONORAILS													
	TOTAL	188	92	16.3	160.9	10.7	20.8	96.2	274.7	251.7	527.3	13.8	130.0	127.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	59	52	13.8	135.7	8.9	17.2	79.9	224.2	205.9	430.8	12.4	118.1	115.1
	CORPORATE OWNERSHIP OR CONTROL	59	52	13.8	135.7	8.9	17.2	79.9	224.2	205.9	430.8	12.4	118.1	115.1
	SINGLE UNIT COMPANIES, TOTAL	129	40	2.5	25.3	1.8	3.6	16.3	50.5	45.8	96.5	1.4	12.0	12.3
	CORPORATE OWNERSHIP OR CONTROL	117	40	2.4	24.7	1.8	3.5	15.9	49.4	45.0	94.6	1.4	11.7	12.0
	NONCORPORATE OWNERSHIP	12	-	.1	.5	(Z)	.1	.4	1.1	.8	2.0	(Z)	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	176	92	16.3	160.4	10.7	20.7	95.8	273.6	250.9	525.4	13.8	129.8	127.0
	NONCORPORATE, TOTAL	12	-	.1	.5	(Z)	.1	.4	1.1	.8	2.0	(Z)	.3	.3
	INDIVIDUAL	7	-	(Z)	.2	(Z)	(Z)	.1	.5	.4	.9	(Z)	.2	.2
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3537	INDUSTRIAL TRUCKS AND TRACTORS													
	TOTAL	380	135	25.8	259.5	16.8	32.9	148.3	524.7	519.5	1 035.4	19.7	248.1	262.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	66	54	18.5	198.0	11.3	22.2	109.7	413.4	411.0	816.3	15.6	211.3	223.6
	CORPORATE OWNERSHIP OR CONTROL	66	54	18.5	198.0	11.3	22.2	109.7	413.4	411.0	816.3	15.6	211.3	223.6
	SINGLE UNIT COMPANIES, TOTAL	314	81	7.3	61.5	5.4	10.7	38.6	111.3	108.5	219.1	4.1	36.8	38.5
	CORPORATE OWNERSHIP OR CONTROL	263	79	7.1	60.1	5.2	10.3	37.6	107.6	106.2	213.2	4.0	35.8	37.5
	NONCORPORATE OWNERSHIP	51	2	.2	1.4	.2	.4	1.0	3.7	2.3	6.0	.1	1.0	1.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	329	133	25.6	258.1	16.6	32.5	147.3	521.0	517.2	1 029.4	19.6	247.1	261.1
	NONCORPORATE, TOTAL	51	2	.2	1.4	.2	.4	1.0	3.7	2.3	6.0	.1	1.0	1.0
	INDIVIDUAL	25	1	.1	.6	.1	.2	.4	1.3	1.1	2.4	(Z)	.4	.4
	PARTNERSHIP	7	1	.1	.5	(Z)	.1	.4	1.7	.5	2.1	.1	.2	.3
	OTHER AND UNKNOWN	19	-	(Z)	.3	(Z)	.1	.2	.7	.7	1.4	(Z)	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3541	MACHINE TOOLS, METAL-CUTTING TYPES													
	TOTAL	894	270	52.5	573.8	33.4	68.2	325.9	901.7	536.3	1 418.1	35.2	464.7	482.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	158	128	39.7	439.5	24.5	49.7	244.4	684.3	423.1	1 093.9	25.2	395.5	406.7
	CORPORATE OWNERSHIP OR CONTROL	157	128	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	736	147	12.8	134.3	8.9	18.5	81.5	217.4	113.2	324.2	10.0	69.2	75.5
	CORPORATE OWNERSHIP OR CONTROL	597	144	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	139	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	754	272	51.9	569.4	33.0	67.4	322.7	891.5	531.7	1 403.2	34.6	461.5	479.2
	NONCORPORATE, TOTAL	140	3	.5	4.5	.4	.7	3.2	10.2	4.7	15.0	.4	3.2	3.1
	INDIVIDUAL	70	1	.2	2.2	.2	.3	1.5	5.2	2.6	7.7	.2	1.8	1.8
	PARTNERSHIP	37	2	.2	1.5	.2	.3	1.2	3.2	1.3	4.6	.1	.7	.6
	OTHER AND UNKNOWN	33	-	.1	.8	.1	.1	.5	1.8	.8	2.6	.1	.6	.6
3542	MACHINE TOOLS, METAL-FORMING TYPES													
	TOTAL	383	162	24.1	265.4	16.6	34.7	163.8	417.7	285.3	696.3	17.5	230.4	242.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	94	81	17.1	189.6	11.5	23.4	115.2	279.4	214.2	489.7	11.0	176.5	185.3
	CORPORATE OWNERSHIP OR CONTROL	94	81	17.1	189.6	11.5	23.4	115.2	279.4	214.2	489.7	11.0	176.5	185.3
	SINGLE UNIT COMPANIES, TOTAL	289	81	7.0	75.7	5.2	11.3	48.6	138.2	71.0	206.6	6.5	53.9	57.4
	CORPORATE OWNERSHIP OR CONTROL	239	73	6.8	73.8	5.0	11.0	47.3	134.2	69.0	200.8	6.4	52.6	56.0
	NONCORPORATE OWNERSHIP	50	3	.2	1.9	.2	.3	1.3	4.0	2.0	5.9	.1	1.4	1.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	333	159	23.9	263.5	16.5	34.4	162.5	413.7	283.2	690.4	17.4	229.0	241.2
	NONCORPORATE, TOTAL	50	3	.2	1.9	.2	.3	1.3	4.0	2.0	5.9	.1	1.4	1.4
	INDIVIDUAL	31	1	.1	1.0	.1	.2	.8	2.7	1.1	3.6	.1	.7	.8
	PARTNERSHIP	7	2	.1	.5	.1	.1	.4	.8	.7	1.5	(Z)	.4	.4
	OTHER AND UNKNOWN	12	-	(Z)	.3	(Z)	(Z)	.2	.5	.3	.7	(Z)	.2	.2
3544	SPECIAL DIES, TOOLS, JIGS, ETC.													
	TOTAL	6 616	1 266	97.8	1 113.8	80.5	173.3	843.6	1 797.4	648.0	2 423.7	97.0	219.5	244.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	379	263	26.7	317.3	21.3	46.4	242.1	510.1	197.8	703.4	20.5	85.2	87.9
	CORPORATE OWNERSHIP OR CONTROL	374	262	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	6 237	1 003	71.2	796.5	59.1	126.9	601.5	1 287.3	450.2	1 720.3	76.6	134.3	156.3
	CORPORATE OWNERSHIP OR CONTROL	4 482	976	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1 755	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	4 856	1 238	91.8	1 054.1	74.9	162.5	796.0	1 671.3	605.1	2 254.1	86.3	205.9	231.2
	NONCORPORATE, TOTAL	1 760	28	6.0	59.6	5.6	10.9	47.6	126.1	42.9	169.6	10.7	13.6	13.0
	INDIVIDUAL	1 006	15	3.1	30.2	2.9	5.7	24.1	65.4	22.4	87.7	6.2	6.6	6.7
	PARTNERSHIP	377	13	2.0	20.3	1.8	3.5	16.4	41.3	13.9	56.0	2.7	4.9	4.1
	OTHER AND UNKNOWN	377	-	.9	9.1	.9	1.7	7.2	19.4	6.5	25.9	1.8	2.1	2.2
3545	MACHINE TOOL ACCESSORIES													
	TOTAL	1 231	413	46.7	456.6	33.6	67.0	294.5	876.1	378.5	1 243.4	30.2	279.7	289.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	250	193	31.3	306.8	21.9	43.7	194.6	611.0	268.4	870.7	20.5	218.9	224.3
	CORPORATE OWNERSHIP OR CONTROL	247	193	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	981	220	15.4	149.8	11.7	23.2	99.9	265.1	110.0	372.7	9.7	60.7	64.7
	CORPORATE OWNERSHIP OR CONTROL	785	213	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	196	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 032	406	45.9	440.3	33.0	65.7	289.1	860.3	371.9	1 221.1	29.6	275.9	285.2
	NONCORPORATE, TOTAL	199	7	.8	7.3	.7	1.3	5.4	15.8	6.5	22.3	.6	3.8	3.9
	INDIVIDUAL	99	3	.3	3.0	.3	.5	2.2	6.6	3.1	9.6	.2	1.8	1.9
	PARTNERSHIP	47	4	.3	2.9	.3	.6	2.3	6.0	2.2	8.2	.2	1.1	1.1
	OTHER AND UNKNOWN	53	-	.2	1.4	.1	.2	1.0	3.2	1.3	4.5	.1	.9	.9
3546	POWER DRIVEN HANDTOOLS													
	TOTAL	48	65	23.1	202.3	16.9	32.9	124.2	434.5	302.7	730.5	20.3	192.9	199.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	44	41	21.6	190.6	15.9	30.9	117.6	408.9	285.0	688.6	19.1	184.6	190.6
	CORPORATE OWNERSHIP OR CONTROL	44	41	21.6	190.6	15.9	30.9	117.6	408.9	285.0	688.6	19.1	184.6	190.6
	SINGLE UNIT COMPANIES, TOTAL	44	24	1.5	11.7	1.0	2.0	6.6	25.6	17.7	41.9	1.2	8.3	9.1
	CORPORATE OWNERSHIP OR CONTROL	42	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	86	65	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3547	ROLLING MILL MACHINERY													
	TOTAL	47	38	10.4	115.2	7.2	14.2	68.7	206.4	129.0	327.8	6.3	69.1	81.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	23	22	9.6	106.6	6.7	13.2	63.6	192.0	119.6	304.6	5.7	66.1	77.1
	CORPORATE OWNERSHIP OR CONTROL . .	23	22	9.6	106.6	6.7	13.2	63.6	192.0	119.6	304.6	5.7	66.1	77.1
	SINGLE UNIT COMPANIES, TOTAL	24	16	.8	8.6	.5	1.1	5.1	14.4	9.4	23.2	.6	3.0	3.9
	CORPORATE OWNERSHIP OR CONTROL . .	23	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	46	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3549	METALWORKING MACHINERY, N.E.C.													
	TOTAL	393	134	13.6	131.5	9.2	18.3	77.6	267.9	165.4	427.3	12.3	99.4	107.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	63	55	7.6	75.9	5.0	10.1	43.9	156.9	96.7	249.2	5.7	65.9	71.5
	CORPORATE OWNERSHIP OR CONTROL . .	63	55	7.6	75.9	5.0	10.1	43.9	156.9	96.7	249.2	5.7	65.9	71.5
	SINGLE UNIT COMPANIES, TOTAL	330	79	5.9	55.6	4.2	8.2	33.7	111.0	68.7	178.0	6.6	33.5	36.1
	CORPORATE OWNERSHIP OR CONTROL . .	265	77	5.6	53.4	4.0	7.7	32.2	105.5	65.3	169.1	6.4	31.5	34.1
	NONCORPORATE OWNERSHIP	65	2	.3	2.1	.3	.5	1.5	5.5	3.4	9.0	.2	2.0	2.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	328	132	13.3	129.4	8.9	17.8	76.1	262.4	162.0	418.3	12.0	97.4	105.6
	NONCORPORATE, TOTAL	65	2	.3	2.1	.3	.5	1.5	5.5	3.4	9.0	.2	2.0	2.0
	INDIVIDUAL	36	1	.2	1.3	.2	.3	1.0	3.3	2.3	5.6	.2	1.0	1.0
	PARTNERSHIP	9	1	.1	.5	(Z)	.1	.3	1.4	.7	2.1	(Z)	.6	.6
	OTHER AND UNKNOWN	20	-	(Z)	.4	(Z)	.1	.2	.7	.5	1.2	(Z)	.4	.4
3551	FOOD PRODUCTS MACHINERY													
	TOTAL	688	290	31.9	315.0	20.6	40.7	179.7	605.2	411.7	1 000.1	21.8	240.8	253.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	163	128	18.8	189.0	11.8	23.9	106.5	372.3	262.3	622.2	12.8	164.9	173.1
	CORPORATE OWNERSHIP OR CONTROL . .	163	128	18.8	189.0	11.8	23.9	106.5	372.3	262.3	622.2	12.8	164.8	173.1
	SINGLE UNIT COMPANIES, TOTAL	525	162	13.1	126.9	8.8	16.8	73.2	233.0	149.4	377.9	9.0	75.8	80.0
	CORPORATE OWNERSHIP OR CONTROL . .	426	156	12.6	122.1	8.3	16.0	69.8	224.1	142.0	362.0	8.7	73.1	76.9
	NONCORPORATE OWNERSHIP	99	6	.6	4.8	.4	.8	3.4	8.8	7.4	15.9	.3	2.7	3.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	589	284	31.3	311.1	20.2	39.9	176.3	596.4	404.3	984.2	21.5	238.0	250.0
	NONCORPORATE, TOTAL	99	6	.6	4.8	.4	.8	3.4	8.8	7.4	15.9	.3	2.7	3.1
	INDIVIDUAL	49	4	.3	2.6	.2	.5	1.7	4.6	3.9	8.7	.2	1.7	1.6
	PARTNERSHIP	15	2	.2	1.3	.1	.2	1.1	1.3	2.2	3.4	(Z)	.5	.6
	OTHER AND UNKNOWN	35	-	.1	.9	.1	.2	.7	2.7	1.4	3.9	.1	.6	.9
3552	TEXTILE MACHINERY													
	TOTAL	579	225	32.7	271.0	23.3	47.5	168.5	487.9	340.2	823.7	27.6	225.6	231.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	112	98	23.2	194.5	16.3	33.5	121.1	332.5	238.0	568.9	20.1	184.4	184.8
	CORPORATE OWNERSHIP OR CONTROL . .	111	98	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	467	127	9.5	76.5	7.1	14.0	47.5	155.4	102.1	254.9	7.6	41.1	46.2
	CORPORATE OWNERSHIP OR CONTROL . .	383	122	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	84	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	494	220	32.3	268.4	23.0	46.9	166.6	482.3	336.3	814.2	27.4	223.7	229.2
	NONCORPORATE, TOTAL	85	5	.4	2.6	.3	.6	1.9	5.6	3.9	9.5	.2	1.9	1.9
	INDIVIDUAL	35	3	.2	1.1	.1	.2	.7	2.0	1.7	3.7	.1	.7	.7
	PARTNERSHIP	23	2	.2	1.2	.2	.3	.9	2.6	1.6	4.2	.1	.8	.8
	OTHER AND UNKNOWN	27	-	.1	.4	(Z)	.1	.2	1.0	.6	1.6	(Z)	.4	.4
3553	WOODWORKING MACHINERY													
	TOTAL	242	109	13.7	123.9	9.4	19.2	73.9	285.1	219.6	495.2	12.4	84.9	101.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	48	44	8.9	79.3	6.0	12.4	47.0	195.1	157.6	347.7	8.7	57.3	68.8
	CORPORATE OWNERSHIP OR CONTROL . .	47	43	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	194	65	4.7	44.6	3.4	6.8	26.9	90.0	62.0	147.4	3.7	27.6	33.0
	CORPORATE OWNERSHIP OR CONTROL . .	155	64	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	39	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	202	107	13.2	119.7	9.1	18.7	71.5	278.7	212.8	481.6	12.3	82.0	99.2
	NONCORPORATE, TOTAL	40	2	.4	4.2	.3	.5	2.4	6.4	6.8	13.6	.1	3.0	2.6
	INDIVIDUAL	23	1	.3	3.6	.2	.4	2.0	4.6	5.6	10.6	.1	2.3	2.0
	PARTNERSHIP	8	1	.1	.4	(Z)	.1	.3	1.4	.9	2.3	.1	.5	.5
	OTHER AND UNKNOWN	9	-	(Z)	.2	(Z)	(Z)	.1	.4	.3	.7	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3554	PAPER INDUSTRIES MACHINERY													
	TOTAL	218	109	15.3	159.0	9.0	18.6	80.8	254.0	193.7	447.8	8.3	116.6	115.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	64	51	10.8	115.2	6.0	12.6	55.4	178.2	140.9	320.2	5.0	89.3	86.0
	CORPORATE OWNERSHIP OR CONTROL	64	51	10.8	115.2	6.0	12.6	55.4	178.2	140.9	320.2	5.0	89.3	86.0
	SINGLE UNIT COMPANIES, TOTAL	154	58	4.5	43.9	3.0	6.1	25.4	75.8	52.8	127.6	3.3	27.3	29.1
	CORPORATE OWNERSHIP OR CONTROL	132	58	4.4	42.8	2.9	5.9	24.6	73.2	51.0	123.3	3.2	26.5	28.3
	NONCORPORATE OWNERSHIP	22	-	.1	1.1	.1	.2	.7	2.6	1.8	4.3	.1	.8	.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	196	109	15.1	157.9	8.9	18.4	80.1	251.4	191.9	443.5	8.2	115.8	114.3
	NONCORPORATE, TOTAL	22	-	.1	1.1	.1	.2	.7	2.6	1.8	4.3	.1	.8	.8
	INDIVIDUAL	15	-	.1	.8	.1	.1	.5	1.8	1.3	3.0	.1	.7	.7
	PARTNERSHIP	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3555	PRINTING TRADES MACHINERY													
	TOTAL	574	173	23.9	249.4	15.3	30.3	137.3	503.6	317.2	823.5	16.1	240.8	243.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	119	83	15.6	167.0	9.8	19.7	93.8	344.9	224.5	573.6	9.3	189.2	189.7
	CORPORATE OWNERSHIP OR CONTROL	119	83	15.6	167.0	9.8	19.7	93.8	344.9	224.5	573.6	9.3	189.2	189.7
	SINGLE UNIT COMPANIES, TOTAL	455	90	8.3	82.4	5.5	10.6	43.6	158.7	92.7	249.9	6.8	51.5	53.9
	CORPORATE OWNERSHIP OR CONTROL	372	90	8.1	80.6	5.3	10.4	42.3	154.1	90.3	242.9	6.7	49.7	52.0
	NONCORPORATE OWNERSHIP	83	-	.2	1.8	.1	.3	1.2	4.7	2.4	7.0	.1	1.8	1.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	491	173	23.8	247.6	15.2	30.1	136.1	498.9	314.8	816.5	15.9	238.9	241.7
	NONCORPORATE, TOTAL	83	-	.2	1.8	.1	.3	1.2	4.7	2.4	7.0	.1	1.8	1.9
	INDIVIDUAL	43	-	.1	.9	.1	.2	.6	2.3	1.4	3.7	.1	1.1	1.1
	PARTNERSHIP	18	-	.1	.7	(Z)	.1	.5	2.0	.8	2.7	(Z)	.6	.6
	OTHER AND UNKNOWN	22	-	(Z)	.2	(Z)	(Z)	.1	.4	.2	.6	(Z)	.2	.2
3559	SPECIAL INDUSTRY MACHINERY, N.E.C.													
	TOTAL	1 384	525	72.6	734.7	45.1	91.5	393.8	1 596.1	1 093.9	2 616.9	73.8	613.2	640.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	303	243	52.2	541.2	31.2	64.4	281.9	1 242.0	847.9	2 026.9	58.3	522.2	538.1
	CORPORATE OWNERSHIP OR CONTROL	299	241	52.1	540.6	31.1	64.2	281.5	1 241.2	847.2	2 025.4	58.3	521.9	537.8
	NONCORPORATE OWNERSHIP	4	2	.1	.6	.1	.2	.4	.8	.7	1.5	(Z)	.3	.3
	SINGLE UNIT COMPANIES, TOTAL	1 081	282	20.4	193.4	14.0	27.1	111.9	354.1	246.0	590.0	15.5	91.0	102.8
	CORPORATE OWNERSHIP OR CONTROL	912	276	19.6	186.6	13.3	25.9	107.4	339.3	236.2	565.6	14.8	87.1	98.7
	NONCORPORATE OWNERSHIP	169	6	.8	6.8	.6	1.1	4.5	14.8	9.8	24.4	.7	3.9	4.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 211	517	71.7	727.2	44.4	90.2	388.8	1 580.5	1 083.5	2 591.0	73.1	609.0	636.5
	NONCORPORATE, TOTAL	173	9	.9	7.4	.7	1.3	4.9	15.6	10.5	28.9	.7	4.1	4.4
	INDIVIDUAL	100	1	.3	2.8	.2	.4	1.7	6.2	4.6	10.8	.3	2.0	2.1
	PARTNERSHIP	27	7	.4	3.1	.3	.6	2.3	6.2	3.8	9.8	.2	1.2	1.4
	OTHER AND UNKNOWN	46	-	.2	1.6	.1	.3	1.0	3.2	2.0	5.2	.2	.9	.9
3561	PUMPS AND PUMPING EQUIPMENT													
	TOTAL	559	260	55.5	532.9	35.5	71.6	302.2	1 095.6	852.7	1 917.3	56.9	493.1	534.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	181	161	47.1	459.2	30.0	60.8	262.7	945.1	723.8	1 641.8	50.9	439.2	474.6
	CORPORATE OWNERSHIP OR CONTROL	180	161	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	378	99	8.4	73.7	5.5	10.8	39.5	150.5	128.8	275.5	6.0	53.9	60.0
	CORPORATE OWNERSHIP OR CONTROL	307	98	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	71	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	487	259	55.3	530.8	35.3	71.3	300.9	1 090.5	848.4	1 907.6	56.6	490.0	531.9
	NONCORPORATE, TOTAL	72	1	.3	2.1	.2	.3	1.3	5.1	4.3	9.7	.3	3.1	2.6
	INDIVIDUAL	29	-	.1	.8	.1	.1	.5	1.5	1.3	3.1	.1	1.3	.8
	PARTNERSHIP	22	1	.1	.9	.1	.1	.6	2.3	1.9	4.2	.1	1.1	1.1
	OTHER AND UNKNOWN	21	-	.1	.5	(Z)	.1	.3	1.3	1.1	2.4	.1	.7	.7
3562	BALL AND ROLLER BEARINGS													
	TOTAL	135	93	50.9	525.5	41.4	83.4	403.7	931.3	610.4	1 530.5	51.3	383.1	398.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	80	73	48.5	505.4	39.4	79.5	389.3	896.0	584.6	1 469.4	48.3	368.7	383.5
	CORPORATE OWNERSHIP OR CONTROL	80	73	48.5	505.4	39.4	79.5	389.3	896.0	584.6	1 469.4	48.3	368.7	383.5
	SINGLE UNIT COMPANIES, TOTAL	55	20	2.4	20.1	2.0	3.8	14.5	35.4	25.8	61.1	3.0	14.4	15.0
	CORPORATE OWNERSHIP OR CONTROL	53	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	133	93	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3563	AIR AND GAS COMPRESSORS													
	TOTAL	84	64	22.9	226.6	13.5	27.2	117.5	467.5	397.0	858.4	15.3	283.2	286.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	49	42	21.7	214.6	12.6	25.4	110.8	441.8	375.7	812.6	14.8	274.8	277.2
	CORPORATE OWNERSHIP OR CONTROL	49	42	21.7	214.6	12.6	25.4	110.8	441.8	375.7	812.6	14.8	274.8	277.2
	SINGLE UNIT COMPANIES, TOTAL	35	22	1.2	12.0	.9	1.7	6.6	25.7	21.3	45.7	.5	8.5	9.6
	CORPORATE OWNERSHIP OR CONTROL	32	21	1.2	11.3	.8	1.6	6.2	24.3	20.0	43.4	(D)	8.0	9.0
	NONCORPORATE OWNERSHIP	3	1	.1	.7	.1	.1	.4	1.4	1.3	2.4	(D)	.5	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	81	63	22.8	225.9	13.5	27.0	117.0	466.1	395.7	856.0	(D)	282.8	286.2
	NONCORPORATE, TOTAL	3	1	.1	.7	.1	.1	.4	1.4	1.3	2.4	(D)	.5	.5
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3564	BLOWERS AND FANS													
	TOTAL	396	172	23.5	216.1	16.0	32.0	126.5	468.8	343.3	805.3	22.2	119.8	125.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	118	96	17.4	164.9	11.5	23.5	94.8	368.4	271.3	635.1	18.9	97.3	100.0
	CORPORATE OWNERSHIP OR CONTROL	116	94	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	278	76	6.1	51.3	4.4	8.6	31.8	100.4	72.0	170.2	3.3	22.5	25.4
	CORPORATE OWNERSHIP OR CONTROL	242	76	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	36	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	358	170	23.3	214.4	15.8	31.6	125.1	464.3	340.4	798.0	22.1	119.2	124.8
	NONCORPORATE, TOTAL	38	2	.2	1.8	.2	.4	1.4	4.5	2.8	7.3	.2	.6	.6
	INDIVIDUAL	18	2	.1	1.2	.1	.3	1.1	3.1	1.8	4.9	.1	.2	.2
	PARTNERSHIP	5	-	(Z)	.2	(Z)	(Z)	.1	.4	.3	.6	(Z)	.1	.1
	OTHER AND UNKNOWN	15	-	(Z)	.3	(Z)	.1	.2	1.0	.8	1.8	(Z)	.3	.3
3565	INDUSTRIAL PATTERNS													
	TOTAL	1 021	97	8.5	103.1	7.4	13.9	85.3	161.0	38.8	198.0	5.3	11.0	12.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	27	12	.9	12.3	.8	1.5	10.3	20.1	5.0	24.2	.7	1.7	2.6
	CORPORATE OWNERSHIP OR CONTROL	25	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	994	85	7.6	90.8	6.6	12.4	75.0	140.9	33.8	173.8	4.7	9.3	10.3
	CORPORATE OWNERSHIP OR CONTROL	546	83	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	448	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	571	95	7.1	88.9	6.1	11.6	72.9	132.0	31.5	161.6	4.6	9.2	11.1
	NONCORPORATE, TOTAL	450	2	1.4	14.3	1.3	2.3	12.4	29.0	7.3	36.4	.7	1.8	1.8
	INDIVIDUAL	264	-	.7	7.7	.7	1.3	6.7	16.0	4.1	20.1	.4	1.1	1.1
	PARTNERSHIP	94	-	.4	4.3	.4	.7	3.8	8.9	2.1	11.0	.1	.4	.4
	OTHER AND UNKNOWN	92	-	.2	2.2	.2	.3	1.9	4.1	1.1	5.2	.1	.3	.3
3566	SPEED CHANGERS, DRIVES, AND GEARS													
	TOTAL	346	155	22.5	224.2	15.6	30.6	137.5	409.0	231.3	632.7	21.8	140.7	147.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	75	62	14.4	145.7	9.6	18.7	86.2	276.7	157.1	427.0	13.7	107.2	111.9
	CORPORATE OWNERSHIP OR CONTROL	75	62	14.4	145.7	9.6	18.7	86.2	276.7	157.1	427.0	13.7	107.2	111.9
	SINGLE UNIT COMPANIES, TOTAL	271	93	8.1	78.5	6.0	11.9	51.2	132.3	74.2	205.7	8.1	33.5	35.7
	CORPORATE OWNERSHIP OR CONTROL	223	89	7.6	75.2	5.6	11.3	48.8	125.8	70.5	195.7	7.3	31.5	33.5
	NONCORPORATE OWNERSHIP	48	4	.4	3.4	.3	.7	2.4	6.5	3.7	10.1	.7	2.0	2.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	298	151	22.1	220.9	15.2	30.0	135.1	402.5	227.6	622.7	21.0	138.7	145.4
	NONCORPORATE, TOTAL	48	4	.4	3.4	.3	.7	2.4	6.5	3.7	10.1	.7	2.0	2.2
	INDIVIDUAL	24	-	.1	.5	(Z)	.1	.3	1.1	.7	1.8	.1	.4	.5
	PARTNERSHIP	15	4	.3	2.6	.3	.5	1.9	4.9	2.8	7.5	.6	1.4	1.5
	OTHER AND UNKNOWN	9	-	(Z)	.3	(Z)	.2	.2	.4	.3	.7	(Z)	.2	.2
3567	INDUSTRIAL FURNACES AND OVENS													
	TOTAL	266	108	13.6	138.5	8.1	16.0	69.8	244.3	200.3	443.2	7.5	74.5	75.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	71	57	10.1	104.8	6.0	11.9	52.8	185.8	156.6	342.1	6.0	60.4	60.8
	CORPORATE OWNERSHIP OR CONTROL	71	57	10.1	104.8	6.0	11.9	52.8	185.8	156.6	342.1	6.0	60.4	60.8
	SINGLE UNIT COMPANIES, TOTAL	195	51	3.5	33.7	2.1	4.1	17.0	58.5	43.7	101.1	1.5	14.2	15.0
	CORPORATE OWNERSHIP OR CONTROL	163	50	3.3	32.2	2.0	3.9	16.3	54.2	40.1	92.9	1.4	12.3	13.3
	NONCORPORATE OWNERSHIP	32	1	.2	1.6	.1	.2	.6	4.3	3.6	8.2	.1	2.0	1.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	234	107	13.4	136.9	8.0	15.9	69.2	240.0	196.7	435.0	7.4	72.6	74.1
	NONCORPORATE, TOTAL	32	1	.2	1.6	.1	.2	.6	4.3	3.6	8.2	.1	2.0	1.6
	INDIVIDUAL	17	-	.1	.5	(Z)	.1	.2	1.3	1.0	2.4	(Z)	.3	.3
	PARTNERSHIP	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	10	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3568	POWER TRANSMISSION EQUIPMENT, N.E.C.													
	TOTAL	155	127	27.7	266.5	20.7	42.0	183.0	544.4	340.3	876.4	20.4	198.1	208.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	77	75	23.7	231.5	17.8	35.8	160.8	477.9	292.1	763.4	17.5	177.8	185.2
	CORPORATE OWNERSHIP OR CONTROL	77	75	23.7	231.5	17.8	35.8	160.8	477.9	292.1	763.4	17.5	177.8	185.2
	SINGLE UNIT COMPANIES, TOTAL	78	52	4.0	35.1	2.9	6.2	22.2	66.5	48.2	113.0	2.9	20.3	22.7
	CORPORATE OWNERSHIP OR CONTROL	78	51	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	2	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	153	126	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE, TOTAL	2	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	INDIVIDUAL	1	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	1	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3569	GENERAL INDUSTRIAL MACHINERY, N.E.C.													
	TOTAL	901	360	37.0	351.8	24.0	48.2	196.5	697.7	483.7	1 171.9	31.3	236.9	254.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	205	159	23.2	219.7	14.6	29.4	119.6	442.3	315.3	751.8	20.5	169.1	181.9
	CORPORATE OWNERSHIP OR CONTROL	204	159	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	1	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	SINGLE UNIT COMPANIES, TOTAL	696	201	13.7	132.1	9.4	18.8	76.9	255.4	168.4	420.2	10.6	67.8	72.4
	CORPORATE OWNERSHIP OR CONTROL	610	194	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	86	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	814	353	36.4	346.8	23.6	47.4	193.1	686.7	477.0	1 155.3	31.0	233.7	250.1
	NONCORPORATE, TOTAL	87	7	.6	5.0	.4	.8	3.4	11.0	6.7	16.7	.3	3.2	4.2
	INDIVIDUAL	37	3	.2	1.4	.1	.3	1.0	3.3	2.3	5.6	.1	1.0	1.0
	PARTNERSHIP	19	4	.3	2.7	.2	.4	1.8	5.8	3.3	8.0	.1	1.7	2.7
	OTHER AND UNKNOWN	31	-	.1	.9	.1	.1	.6	1.9	1.2	3.0	.1	.4	.5
3573	ELECTRONIC COMPUTING EQUIPMENT													
	TOTAL	602	355	144.8	1 668.3	64.7	130.6	546.8	3 497.6	2 980.7	6 471.2	212.8	1 600.8	1 574.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	215	196	119.5	1 409.6	53.3	107.6	460.2	3 003.8	2 682.2	5 724.7	164.1	1 451.7	1 344.9
	CORPORATE OWNERSHIP OR CONTROL	212	193	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	3	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	SINGLE UNIT COMPANIES, TOTAL	387	159	25.3	258.7	11.3	23.0	86.6	493.8	298.5	746.5	48.7	149.1	229.2
	CORPORATE OWNERSHIP OR CONTROL	371	159	25.3	258.5	11.3	23.0	86.5	493.5	298.2	745.9	48.7	149.0	229.1
	NONCORPORATE OWNERSHIP	16	-	(Z)	.2	(Z)	(Z)	.1	.3	.3	.6	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	583	352	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE, TOTAL	19	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	INDIVIDUAL	10	3	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	PARTNERSHIP	2	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	7	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	(Z)	(Z)	(Z)
3574	CALCULATING, ACCOUNTING MACHINES													
	TOTAL	79	30	22.5	207.2	17.9	33.4	152.5	407.0	256.7	637.1	19.0	186.9	210.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	26	22	21.2	195.2	16.9	31.7	146.4	376.3	241.1	591.7	17.4	180.9	207.8
	CORPORATE OWNERSHIP OR CONTROL	25	21	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	1	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	SINGLE UNIT COMPANIES, TOTAL	53	8	1.3	12.0	1.0	1.6	6.1	30.7	15.6	45.5	1.6	6.0	8.8
	CORPORATE OWNERSHIP OR CONTROL	41	8	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	12	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	66	29	22.4	206.9	17.9	33.3	152.2	405.9	256.3	635.7	18.4	186.5	210.3
	NONCORPORATE, TOTAL	13	1	.1	.3	.1	.1	.3	1.1	.4	1.5	(Z)	.4	.4
	INDIVIDUAL	7	1	(Z)	.2	(Z)	.1	.2	.6	.1	.7	(Z)	.1	.1
	PARTNERSHIP	2	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	4	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3576	SCALES, BALANCES, EXCEPT LABORATORY													
	TOTAL	97	44	6.7	59.3	4.1	8.6	32.5	129.7	74.3	200.4	5.7	45.6	47.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	37	29	5.7	50.3	3.4	7.2	27.6	112.8	64.9	173.9	(0)	40.2	42.1
	CORPORATE OWNERSHIP OR CONTROL	37	29	5.7	50.3	3.4	7.2	27.6	112.8	64.9	173.9	(0)	40.2	42.1
	SINGLE UNIT COMPANIES, TOTAL	60	15	1.0	9.0	.7	1.3	4.9	17.0	9.4	26.5	(0)	5.4	5.4
	CORPORATE OWNERSHIP OR CONTROL	47	15	1.0	8.7	.6	1.3	4.7	16.2	9.1	25.5	(0)	5.2	5.1
	NONCORPORATE OWNERSHIP	13	-	(Z)	.3	(Z)	.1	.2	.7	.3	1.0	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	84	44	6.7	59.0	4.0	8.5	32.3	129.0	74.0	199.4	5.7	45.4	47.2
	NONCORPORATE, TOTAL	13	-	(Z)	.3	(Z)	.1	.2	.7	.3	1.0	(Z)	.2	.2
	INDIVIDUAL	9	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	PARTNERSHIP	1	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	3	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expendi- tures, new ² (million dollars)	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3579	OFFICE MACHINES, TYPEWRITERS, ETC.													
	TOTAL	217	97	34.5	342.5	20.8	41.1	168.8	870.1	414.6	1 296.2	49.6	276.4	245.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	70	61	31.7	316.5	18.8	37.4	155.1	823.5	381.9	1 216.8	46.9	259.4	227.1
	CORPORATE OWNERSHIP OR CONTROL	70	61	31.7	316.5	18.8	37.4	155.1	823.5	381.9	1 216.8	46.9	259.4	227.1
	SINGLE UNIT COMPANIES, TOTAL	147	36	2.9	26.0	2.0	3.6	13.7	46.7	32.7	79.4	2.7	17.0	18.3
	CORPORATE OWNERSHIP OR CONTROL	124	35	2.8	25.3	1.9	3.5	13.2	45.0	31.9	77.1	2.7	16.5	17.7
	NONCORPORATE OWNERSHIP	23	1	.1	.8	.1	.1	.5	1.6	.7	2.3	(Z)	.5	.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	194	96	34.4	341.7	20.7	40.9	168.3	868.5	413.9	1 293.9	49.6	275.9	244.8
	NONCORPORATE, TOTAL	23	1	.1	.8	.1	.1	.5	1.6	.7	2.3	(Z)	.5	.6
	INDIVIDUAL	8	-	(Z)	.1	(Z)	(Z)	.1	.5	.3	.8	(Z)	.3	.3
	PARTNERSHIP	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	9	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3581	AUTOMATIC MERCHANDISING MACHINES													
	TOTAL	125	48	10.5	83.6	7.3	13.9	52.1	183.4	152.3	324.4	5.6	77.4	89.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	30	23	7.5	60.7	5.0	9.7	37.6	133.5	110.8	235.7	3.4	56.7	65.1
	CORPORATE OWNERSHIP OR CONTROL	30	23	7.5	60.7	5.0	9.7	37.6	133.5	110.8	235.7	3.4	56.7	65.1
	SINGLE UNIT COMPANIES, TOTAL	95	25	3.1	22.9	2.3	4.1	14.6	49.8	41.5	88.7	2.2	20.8	23.8
	CORPORATE OWNERSHIP OR CONTROL	82	25	3.0	22.4	2.2	4.0	14.3	48.6	39.9	85.8	2.1	20.4	23.4
	NONCORPORATE OWNERSHIP	13	-	.1	.5	(Z)	.1	.3	1.2	1.6	2.8	.1	.4	.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	112	48	10.5	83.1	7.3	13.8	51.8	182.1	150.7	321.6	5.6	77.0	88.5
	NONCORPORATE, TOTAL	13	-	.1	.5	(Z)	.1	.3	1.2	1.6	2.8	.1	.4	.4
	INDIVIDUAL	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	5	-	(Z)	.3	(Z)	.1	.2	.9	1.2	2.1	.1	.2	.2
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3582	COMMERCIAL LAUNDRY EQUIPMENT													
	TOTAL	107	47	4.8	42.2	3.4	6.7	25.4	88.2	68.9	157.0	1.2	37.5	36.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	21	21	2.9	26.0	2.0	4.0	16.0	55.6	40.7	96.7	.6	26.3	24.6
	CORPORATE OWNERSHIP OR CONTROL	21	21	2.9	26.0	2.0	4.0	16.0	55.6	40.7	96.7	.6	26.3	24.6
	SINGLE UNIT COMPANIES, TOTAL	86	26	1.9	16.1	1.3	2.8	9.4	32.6	28.2	60.3	.6	11.2	12.0
	CORPORATE OWNERSHIP OR CONTROL	68	25	1.8	15.1	1.3	2.5	8.8	30.2	26.3	56.0	.6	10.3	11.0
	NONCORPORATE OWNERSHIP	18	1	.1	1.0	.1	.2	.7	2.4	1.9	4.3	.1	1.0	1.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	89	46	4.7	41.2	3.3	6.5	24.8	85.8	67.0	152.7	1.1	36.6	35.7
	NONCORPORATE, TOTAL	18	1	.1	1.0	.1	.2	.7	2.4	1.9	4.3	.1	1.0	1.0
	INDIVIDUAL	7	-	(Z)	.2	(Z)	(Z)	.1	.6	.5	1.0	(Z)	.3	.3
	PARTNERSHIP	5	1	.1	.7	.1	.2	.5	1.7	1.3	3.0	(Z)	.6	.6
	OTHER AND UNKNOWN	6	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	(Z)	.1	.1
3585	REFRIGERATION, HEATING EQUIPMENT													
	TOTAL	774	443	150.8	1 442.1	112.6	223.5	978.6	3 517.4	3 714.9	7 083.5	201.2	1 200.2	1 330.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	293	265	134.9	1 306.0	100.9	200.8	895.4	3 271.9	3 412.6	6 546.6	185.7	1 113.9	1 233.6
	CORPORATE OWNERSHIP OR CONTROL	290	264	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	481	178	15.9	136.1	11.7	22.7	83.1	245.5	302.3	536.9	15.5	86.2	97.0
	CORPORATE OWNERSHIP OR CONTROL	410	174	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	71	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	700	438	150.5	1 439.4	112.3	222.9	976.6	3 510.8	3 708.3	7 070.2	200.8	1 198.6	1 328.9
	NONCORPORATE, TOTAL	74	5	.4	2.7	.3	.6	2.0	6.6	6.7	13.3	.3	1.6	1.6
	INDIVIDUAL	34	1	.1	.8	.1	.2	.5	1.7	1.8	3.5	.1	.7	.7
	PARTNERSHIP	19	4	.2	1.3	.2	.3	1.0	3.6	3.7	7.3	.2	.6	.6
	OTHER AND UNKNOWN	21	-	.1	.6	.1	.1	.4	1.3	1.1	2.4	.1	.4	.4
3586	MEASURING AND DISPENSING PUMPS													
	TOTAL	57	33	7.2	67.3	5.0	9.9	38.7	134.1	101.1	232.3	4.5	60.4	64.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	21	19	6.1	57.8	4.2	8.4	32.9	114.5	84.8	195.9	3.6	54.4	58.3
	CORPORATE OWNERSHIP OR CONTROL	21	19	6.1	57.8	4.2	8.4	32.9	114.5	84.8	195.9	3.6	54.4	58.3
	SINGLE UNIT COMPANIES, TOTAL	36	14	1.1	9.5	.8	1.6	5.8	19.6	16.4	36.5	.9	6.0	6.0
	CORPORATE OWNERSHIP OR CONTROL	33	14	1.1	9.5	.8	1.6	5.8	19.6	16.3	36.4	(D)	6.0	6.0
	NONCORPORATE OWNERSHIP	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(D)	(Z)	(Z)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	54	33	7.2	67.3	5.0	9.9	38.7	134.1	101.1	232.3	(D)	60.3	64.2
	NONCORPORATE, TOTAL	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(D)	(Z)	(Z)
	INDIVIDUAL	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(D)	(Z)	(Z)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3599	SERVICE INDUSTRY MACHINERY, N.E.C.													
	TOTAL	706	232	24.4	228.8	15.0	29.3	115.9	503.6	422.8	913.8	15.7	167.8	184.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	152	115	15.2	141.7	9.2	18.0	71.7	315.0	273.6	580.2	9.0	116.0	125.9
	CORPORATE OWNERSHIP OR CONTROL	152	115	15.2	141.7	9.2	18.0	71.7	315.0	273.6	580.2	9.0	116.0	125.9
	SINGLE UNIT COMPANIES, TOTAL	554	117	9.3	87.1	5.8	11.3	44.2	188.6	149.2	333.6	6.7	51.8	58.4
	CORPORATE OWNERSHIP OR CONTROL	472	115	8.9	83.8	5.5	10.8	42.1	179.3	142.1	317.4	6.5	49.3	55.6
	NONCORPORATE OWNERSHIP	82	2	.4	3.2	.3	.5	2.2	9.3	7.1	16.1	.2	2.5	2.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	624	230	24.1	225.6	14.7	28.8	113.7	494.3	415.8	897.6	15.4	165.4	181.6
	NONCORPORATE, TOTAL	82	2	.4	3.2	.3	.5	2.2	9.3	7.1	16.1	.2	2.5	2.8
	INDIVIDUAL	44	-	.1	.8	.1	.1	.4	2.4	1.9	4.3	.1	.9	.9
	PARTNERSHIP	10	2	.2	1.9	.2	.3	1.5	5.5	4.1	9.4	.1	1.2	1.5
	OTHER AND UNKNOWN	20	-	.1	.5	(Z)	.1	.3	1.3	1.0	2.3	.1	.4	.4
3592	CARBURETORS, PISTONS, RINGS, ETC.													
	TOTAL	113	72	26.7	272.3	21.6	43.5	207.1	500.0	262.3	744.3	27.1	98.0	112.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	46	43	24.7	255.6	20.0	40.3	194.7	467.9	243.6	694.1	25.6	91.7	105.1
	CORPORATE OWNERSHIP OR CONTROL	46	43	24.7	255.6	20.0	40.3	194.7	467.9	243.6	694.1	25.6	91.7	105.1
	SINGLE UNIT COMPANIES, TOTAL	67	29	1.9	16.7	1.6	3.2	12.4	32.0	18.7	50.2	1.5	6.3	7.4
	CORPORATE OWNERSHIP OR CONTROL	62	28	1.8	15.9	1.5	3.0	11.6	30.7	17.8	47.9	1.5	6.1	7.2
	NONCORPORATE OWNERSHIP	5	1	.1	.8	.1	.2	.7	1.3	.9	2.3	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	108	71	26.5	271.5	21.5	43.3	206.3	498.6	261.4	742.1	27.0	97.8	112.3
	NONCORPORATE, TOTAL	5	1	.1	.8	.1	.2	.7	1.3	.9	2.3	(Z)	.2	.2
	INDIVIDUAL	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3599	MACHINERY, EXCEPT ELECTRICAL, N.E.C.													
	TOTAL	16 287	1 946	157.8	1 424.7	127.2	248.4	1 021.3	2 515.5	1 175.1	3 665.2	122.2	386.3	416.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	439	253	26.2	259.8	19.8	38.1	177.3	451.7	265.5	709.5	21.2	123.5	132.4
	CORPORATE OWNERSHIP OR CONTROL	424	251	26.0	258.3	19.7	37.8	176.2	448.9	264.2	705.3	21.0	123.3	132.2
	NONCORPORATE OWNERSHIP	15	2	.2	1.4	.1	.3	1.1	2.8	1.3	4.1	.1	.2	.2
	SINGLE UNIT COMPANIES, TOTAL	15 848	1 693	131.6	1 164.9	107.4	210.4	844.0	2 063.8	909.7	2 955.8	101.0	262.7	283.7
	CORPORATE OWNERSHIP OR CONTROL	9 132	1 621	112.6	1 012.1	90.5	179.1	727.3	1 717.8	758.8	2 459.6	83.7	212.1	232.4
	NONCORPORATE OWNERSHIP	6 716	72	19.0	152.8	16.9	31.2	116.7	346.1	150.8	496.2	17.4	50.6	51.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	9 556	1 872	138.6	1 270.5	110.2	216.9	903.5	2 166.6	1 023.0	3 164.9	104.7	335.5	364.6
	NONCORPORATE, TOTAL	6 731	74	19.2	154.2	17.0	31.5	117.7	348.9	152.2	500.3	17.5	50.8	51.5
	INDIVIDUAL	3 636	46	10.2	82.0	9.1	16.5	62.2	187.3	80.6	267.7	9.3	27.3	27.6
	PARTNERSHIP	1 228	28	4.7	37.5	4.1	7.9	29.2	66.9	39.8	125.4	4.1	12.2	12.5
	OTHER AND UNKNOWN	1 867	-	4.2	34.8	3.8	7.1	26.4	74.7	32.8	107.2	4.1	11.3	11.5
36	ELECTRIC, ELECTRONIC EQUIPMENT													
	TOTAL	12 270	5 732	1 661.3	15 189.0	1 160.0	2 273.3	8 811.5	30 578.5	23 301.3	53 394.3	1 417.5	9 235.0	9 726.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	3 616	3 184	1 449.3	13 582.7	1 003.6	1 975.2	7 875.1	27 501.3	21 007.5	48 093.7	1 253.4	8 449.3	8 835.7
	CORPORATE OWNERSHIP OR CONTROL	3 598	3 177	1 448.4	13 575.2	1 003.0	1 974.0	7 870.8	27 486.7	20 993.3	48 067.0	1 252.6	8 443.6	8 829.3
	NONCORPORATE OWNERSHIP	18	7	.9	7.5	.6	1.2	4.3	14.6	14.1	26.7	.8	5.7	6.4
	SINGLE UNIT COMPANIES, TOTAL	8 654	2 548	212.0	1 606.3	156.3	298.0	936.4	3 077.1	2 293.9	5 300.6	164.1	785.7	891.0
	CORPORATE OWNERSHIP OR CONTROL	7 417	2 502	206.5	1 567.3	151.8	290.1	911.1	2 989.1	2 226.2	5 145.4	159.1	760.4	865.1
	NONCORPORATE OWNERSHIP	1 237	46	5.5	39.1	4.5	8.0	25.3	88.0	67.7	155.3	5.0	25.3	25.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	11 015	5 679	1 654.9	15 142.4	1 154.8	2 264.1	8 781.9	30 475.9	23 219.5	53 212.4	1 411.7	9 204.0	9 694.4
	NONCORPORATE, TOTAL	1 255	53	6.4	46.6	5.2	9.2	29.6	102.6	81.8	181.9	5.8	31.0	32.3
	INDIVIDUAL	600	30	3.6	26.4	2.9	5.0	16.7	58.2	46.5	102.5	3.3	18.4	19.4
	PARTNERSHIP	256	23	1.6	11.5	1.3	2.5	7.6	25.5	20.2	45.7	1.2	6.7	6.9
	OTHER AND UNKNOWN	399	-	1.2	8.7	1.0	1.7	5.3	18.9	15.0	33.7	1.3	5.9	6.0
3612	TRANSFORMERS													
	TOTAL	216	136	46.8	420.2	35.6	71.3	286.1	757.3	700.5	1 461.9	26.8	266.6	258.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	100	92	43.7	397.9	33.2	66.7	271.4	716.0	665.3	1 385.6	25.5	255.9	246.9
	CORPORATE OWNERSHIP OR CONTROL	100	92	43.7	397.9	33.2	66.7	271.4	716.0	665.3	1 385.6	25.5	255.9	246.9
	SINGLE UNIT COMPANIES, TOTAL	116	44	3.1	22.3	2.5	4.6	14.7	41.3	35.2	76.3	1.4	10.8	11.8
	CORPORATE OWNERSHIP OR CONTROL	94	43	3.0	21.4	2.4	4.4	14.1	39.8	34.0	73.6	1.3	10.3	11.3
	NONCORPORATE OWNERSHIP	22	1	.1	.9	.1	.2	.6	1.5	1.2	2.7	.1	.5	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	194	135	46.7	419.3	35.6	71.2	285.5	755.8	699.3	1 459.2	26.8	266.2	258.2
	NONCORPORATE, TOTAL	22	1	.1	.9	.1	.2	.6	1.5	1.2	2.7	.1	.5	.5
	INDIVIDUAL	7	1	(Z)	.3	(Z)	.1	.2	.6	.4	1.0	(Z)	.1	.2
	PARTNERSHIP	3	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.3	(Z)	(Z)	(Z)
	OTHER AND UNKNOWN	12	-	.1	.5	(Z)	.1	.3	.8	.7	1.5	(Z)	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3613	SWITCHGEAR, SWITCHBOARD APPARATUS													
	TOTAL	568	283	69.2	619.8	49.6	97.1	388.5	1 303.0	844.2	2 123.5	36.9	386.5	413.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	194	164	60.3	544.3	43.2	84.6	344.2	1 172.4	736.7	1 887.6	32.4	347.3	370.9
	CORPORATE OWNERSHIP OR CONTROL	193	164	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	374	119	8.9	75.5	6.4	12.6	44.3	130.6	107.5	236.0	4.4	39.2	42.1
	CORPORATE OWNERSHIP OR CONTROL	336	119	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	38	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	529	283	69.1	619.1	49.6	97.0	388.1	1 300.9	842.9	2 120.2	36.8	385.8	412.4
	NONCORPORATE, TOTAL	39	-	.1	.7	.1	.1	.4	2.0	1.3	3.3	.1	.7	.7
	INDIVIDUAL	19	-	(Z)	.3	(Z)	(Z)	.2	.8	.5	1.4	(Z)	.3	.3
	PARTNERSHIP	8	-	(Z)	.2	(Z)	(Z)	.1	.5	.3	.9	(Z)	.2	.2
	OTHER AND UNKNOWN	12	-	(Z)	.2	(Z)	(Z)	.1	.7	.4	1.1	(Z)	.2	.2
3621	MOTORS AND GENERATORS													
	TOTAL	426	258	90.6	767.1	69.4	139.6	517.6	1 482.6	1 054.8	2 516.0	59.5	435.2	468.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	206	184	83.4	713.0	64.1	129.3	485.2	1 391.8	982.2	2 327.3	56.0	410.5	439.1
	CORPORATE OWNERSHIP OR CONTROL	204	183	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	220	74	7.2	54.1	5.3	10.3	32.4	90.8	72.6	160.1	3.6	25.1	29.6
	CORPORATE OWNERSHIP OR CONTROL	181	74	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	39	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	385	257	90.4	765.6	69.3	139.3	516.7	1 478.7	1 048.9	2 478.1	59.6	434.1	466.8
	NONCORPORATE, TOTAL	41	1	.2	1.5	.1	.2	.9	3.9	5.8	9.3	.1	1.5	1.9
	INDIVIDUAL	23	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	6	-	(Z)	.2	(Z)	(Z)	.1	.4	.3	.7	(Z)	.1	.1
	OTHER AND UNKNOWN	12	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3622	INDUSTRIAL CONTROL													
	TOTAL	588	216	50.5	459.4	33.1	65.9	253.9	894.5	555.4	1 400.0	46.3	281.0	327.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	142	118	43.6	400.4	28.7	57.6	224.1	782.6	484.7	1 213.7	40.0	250.0	293.1
	CORPORATE OWNERSHIP OR CONTROL	142	118	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	446	98	6.9	59.1	4.4	8.3	29.8	116.8	70.7	186.4	6.3	30.9	34.3
	SINGLE UNIT COMPANIES, TOTAL	406	96	6.7	57.8	4.3	8.1	28.9	113.5	68.6	180.9	6.2	29.9	33.3
	CORPORATE OWNERSHIP OR CONTROL	40	2	.2	1.3	.1	.3	.8	3.3	2.1	5.5	.1	1.0	1.1
	NONCORPORATE OWNERSHIP	548	214	50.3	457.8	33.0	65.7	253.1	896.1	553.3	1 394.5	46.2	280.0	327.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	40	2	.2	1.3	.1	.3	.8	3.3	2.1	5.5	.1	1.0	1.1
	NONCORPORATE, TOTAL	23	-	.1	.5	(Z)	.1	.3	1.6	1.0	2.6	.1	.5	.5
	INDIVIDUAL	9	2	.1	.7	(Z)	.1	.2	1.2	.8	2.1	(Z)	.3	.4
	PARTNERSHIP	8	-	(Z)	.2	(Z)	(Z)	.1	.5	.3	.8	(Z)	.2	.2
3623	WELDING APPARATUS, ELECTRIC													
	TOTAL	166	80	15.5	173.9	9.8	20.9	102.5	353.5	314.2	659.6	11.4	138.2	149.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	54	48	12.2	139.1	7.6	16.2	81.5	293.9	265.5	551.2	9.6	119.9	130.5
	CORPORATE OWNERSHIP OR CONTROL	53	48	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	112	32	3.3	34.8	2.2	4.7	21.0	59.6	48.7	108.4	1.8	18.4	18.8
	CORPORATE OWNERSHIP OR CONTROL	91	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	21	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	144	79	15.3	173.0	9.7	20.8	101.9	351.6	312.9	656.3	11.3	137.7	148.8
	NONCORPORATE, TOTAL	22	1	.1	.9	.1	.2	.6	1.9	1.3	3.3	.1	.6	.6
	INDIVIDUAL	11	-	(Z)	.3	(Z)	.1	.2	.7	.6	1.3	(Z)	.2	.2
	PARTNERSHIP	5	1	.1	.4	(Z)	.1	.3	.8	.4	1.2	(Z)	.2	.2
	OTHER AND UNKNOWN	6	-	(Z)	.2	(Z)	.1	.1	.4	.3	.8	(Z)	.2	.2
3624	CARBON AND GRAPHITE PRODUCTS													
	TOTAL	72	44	11.3	99.6	8.6	16.7	70.9	217.4	158.2	377.4	20.2	100.9	98.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	31	28	9.7	87.5	7.3	14.2	63.2	197.1	147.2	345.9	19.5	96.6	93.4
	CORPORATE OWNERSHIP OR CONTROL	31	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	41	16	1.6	12.1	1.3	2.6	7.8	20.3	11.0	31.4	.7	4.3	5.0
	SINGLE UNIT COMPANIES, TOTAL	38	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CORPORATE OWNERSHIP OR CONTROL	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	69	43	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of -	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3629	ELECTRICAL INDUSTRIAL APPARATUS, IIEC													
	TOTAL	256	121	20.2	165.0	13.5	26.0	89.4	270.0	187.4	449.4	11.2	94.4	94.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	69	53	14.2	117.3	9.2	17.8	60.9	180.9	125.9	302.9	8.3	67.4	66.4
	CORPORATE OWNERSHIP OR CONTROL	69	53	14.2	117.3	9.2	17.8	60.9	180.9	125.9	302.9	8.3	67.4	66.4
	SINGLE UNIT COMPANIES, TOTAL	189	68	5.9	47.7	4.3	8.2	28.5	89.1	61.5	146.5	2.9	27.0	32.8
	CORPORATE OWNERSHIP OR CONTROL	172	65	5.8	47.0	4.2	8.0	27.9	87.2	60.5	143.6	2.9	26.5	32.2
	NONCORPORATE OWNERSHIP	17	3	.1	.7	.1	.2	.6	1.9	1.0	2.8	(2)	.5	.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	241	118	20.1	164.3	13.4	25.8	88.8	268.1	186.4	446.6	11.1	93.9	96.6
	NONCORPORATE, TOTAL	17	3	.1	.7	.1	.2	.6	1.9	1.0	2.8	(2)	.5	.6
	INDIVIDUAL	7	2	.1	.3	.1	.1	.3	1.2	.5	1.6	(2)	.3	.4
	PARTNERSHIP	5	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	5	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3631	HOUSEHOLD COOKING EQUIPMENT													
	TOTAL	84	51	23.3	205.7	18.4	36.8	141.5	412.0	532.1	939.8	25.5	157.5	160.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	38	33	20.1	180.1	15.8	31.9	123.5	370.4	474.8	840.6	23.5	140.8	151.7
	CORPORATE OWNERSHIP OR CONTROL	38	33	20.1	180.1	15.8	31.9	123.5	370.4	474.8	840.6	23.5	140.8	151.7
	SINGLE UNIT COMPANIES, TOTAL	46	18	3.2	25.6	2.6	5.0	18.0	41.6	57.3	99.1	1.9	16.7	16.3
	CORPORATE OWNERSHIP OR CONTROL	41	18	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	5	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	79	51	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE, TOTAL	5	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	INDIVIDUAL	3	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	PARTNERSHIP	2	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3632	HOUSEHOLD REFRIGERATORS, FREEZERS													
	TOTAL	36	25	34.1	305.3	28.6	55.6	233.0	790.8	944.8	1 719.7	25.5	267.6	280.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	19	19	33.7	302.1	28.3	55.1	230.9	783.7	937.7	1 705.7	25.3	266.1	278.1
	CORPORATE OWNERSHIP OR CONTROL	19	19	33.7	302.1	28.3	55.1	230.9	783.7	937.7	1 705.7	25.3	266.1	278.1
	SINGLE UNIT COMPANIES, TOTAL	17	6	.4	3.2	.3	.6	2.1	7.1	7.1	14.0	.2	1.5	1.9
	CORPORATE OWNERSHIP OR CONTROL	13	6	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	4	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	32	25	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE, TOTAL	4	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	INDIVIDUAL	1	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	3	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3633	HOUSEHOLD LAUNDRY EQUIPMENT													
	TOTAL	29	24	23.6	223.1	19.4	36.9	171.2	684.7	691.2	1 356.5	31.0	152.0	164.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	23	22	23.5	222.3	19.3	36.7	170.6	682.3	688.8	1 351.6	30.9	151.4	166.6
	CORPORATE OWNERSHIP OR CONTROL	23	22	23.5	222.3	19.3	36.7	170.6	682.3	688.8	1 351.6	30.9	151.4	166.6
	SINGLE UNIT COMPANIES, TOTAL	6	2	.1	.8	.1	.2	.6	2.4	2.5	4.9	.1	.6	.6
	CORPORATE OWNERSHIP OR CONTROL	4	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	2	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	27	24	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE, TOTAL	2	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	INDIVIDUAL	1	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	1	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3634	ELECTRIC HOUSEWARES AND FANS													
	TOTAL	300	168	51.5	358.4	42.1	79.8	241.6	910.3	735.6	1 615.0	32.6	302.8	314.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	123	116	46.3	325.7	37.7	71.3	218.9	831.6	665.1	1 462.4	29.2	275.3	287.3
	CORPORATE OWNERSHIP OR CONTROL	123	116	46.3	325.7	37.7	71.3	218.9	831.6	665.1	1 462.4	29.2	275.3	287.3
	SINGLE UNIT COMPANIES, TOTAL	177	52	5.2	32.7	4.4	8.4	22.8	78.6	70.6	152.6	3.4	27.6	27.1
	CORPORATE OWNERSHIP OR CONTROL	155	52	5.2	32.5	4.4	8.4	22.6	77.4	69.6	150.4	3.3	27.1	26.6
	NONCORPORATE OWNERSHIP	22	-	(2)	.2	(2)	.1	.2	1.2	1.0	2.2	(2)	.5	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	278	168	51.5	358.2	42.1	79.7	241.5	909.1	734.6	1 612.8	32.6	302.3	313.8
	NONCORPORATE, TOTAL	22	-	(2)	.2	(2)	.1	.2	1.2	1.0	2.2	(2)	.5	.5
	INDIVIDUAL	11	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	PARTNERSHIP	1	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	10	-	(2)	.1	(2)	.1	.6	.5	.5	1.1	(2)	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3635	HOUSEHOLD VACUUM CLEANERS													
	TOTAL	36	24	11.2	98.7	8.4	16.3	68.0	299.5	176.2	467.7	9.7	67.7	74.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	12	11	10.4	93.0	7.8	15.2	64.7	288.5	160.9	442.3	9.4	64.0	68.8
	CORPORATE OWNERSHIP OR CONTROL	12	11	10.4	93.0	7.8	15.2	64.7	288.5	160.9	442.3	9.4	64.0	68.8
	SINGLE UNIT COMPANIES, TOTAL	24	13	.7	5.7	.5	1.1	3.2	11.0	15.3	25.5	.3	3.7	5.5
	CORPORATE OWNERSHIP OR CONTROL	21	13	.7	5.6	.5	1.1	3.2	10.7	15.1	25.0	.3	3.6	5.4
	NONCORPORATE OWNERSHIP	3	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.4	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	33	24	11.2	98.6	8.4	16.3	67.9	299.3	176.0	467.3	9.7	67.6	74.2
	NONCORPORATE, TOTAL	3	-	(Z)	.1	(Z)	(Z)	.1	.3	.2	.4	(Z)	.1	.1
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3636	SEWING MACHINES													
	TOTAL	75	18	5.3	54.6	4.4	8.6	41.6	124.6	37.0	159.6	9.3	52.7	55.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	11	9	4.6	48.5	3.9	7.7	37.7	112.5	27.9	138.5	8.7	48.6	51.0
	CORPORATE OWNERSHIP OR CONTROL	11	9	4.6	48.5	3.9	7.7	37.7	112.5	27.9	138.5	8.7	48.6	51.0
	SINGLE UNIT COMPANIES, TOTAL	64	9	.6	6.1	.5	.9	3.9	12.1	9.1	21.1	.6	4.0	4.2
	CORPORATE OWNERSHIP OR CONTROL	44	9	.6	5.8	.5	.8	3.7	11.4	8.9	20.1	.6	3.8	3.9
	NONCORPORATE OWNERSHIP	20	-	(Z)	.3	(Z)	.1	.2	.8	.2	1.0	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	55	18	5.2	54.3	4.3	8.5	41.4	123.8	36.7	158.6	9.3	52.4	54.9
	NONCORPORATE, TOTAL	20	-	(Z)	.3	(Z)	.1	.2	.8	.2	1.0	(Z)	.2	.2
	INDIVIDUAL	11	-	(Z)	.1	(Z)	(Z)	.1	.4	.1	.6	(Z)	.2	.2
	PARTNERSHIP	3	-	(Z)	.1	(Z)	(Z)	.1	.2	(Z)	.2	(Z)	(Z)	(Z)
	OTHER AND UNKNOWN	6	-	(Z)	.1	(Z)	(Z)	.1	.2	.1	.2	(Z)	.1	.1
3639	HOUSEHOLD APPLIANCES, N.E.C.													
	TOTAL	85	48	14.0	123.5	10.7	20.9	83.4	341.4	363.1	681.9	18.3	78.0	103.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	43	34	12.4	111.0	9.7	18.9	76.4	312.1	334.9	625.8	17.2	69.9	94.2
	CORPORATE OWNERSHIP OR CONTROL	43	34	12.4	111.0	9.7	18.9	76.4	312.1	334.9	625.8	17.2	69.9	94.2
	SINGLE UNIT COMPANIES, TOTAL	42	14	1.5	12.5	1.0	2.1	7.0	29.3	28.2	56.1	1.1	8.0	9.4
	CORPORATE OWNERSHIP OR CONTROL	37	14	1.5	12.4	1.0	2.0	6.9	29.0	27.9	55.6	1.1	8.0	9.3
	NONCORPORATE OWNERSHIP	5	-	(Z)	.1	(Z)	.1	.3	.3	.3	.6	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	80	48	14.0	123.4	10.7	20.9	83.3	341.2	362.8	681.4	18.3	77.9	103.5
	NONCORPORATE, TOTAL	5	-	(Z)	.1	(Z)	.1	.3	.3	.3	.6	(Z)	.1	.1
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3641	ELECTRIC LAMPS													
	TOTAL	143	72	31.5	239.7	27.1	52.2	185.7	724.4	366.3	1 095.7	31.1	114.5	110.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	61	57	30.5	233.3	26.3	50.7	181.2	710.4	357.7	1 073.1	30.5	109.7	107.9
	CORPORATE OWNERSHIP OR CONTROL	60	56	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	82	15	1.0	6.4	.9	1.5	4.5	14.0	8.6	22.6	.6	4.7	2.2
	CORPORATE OWNERSHIP OR CONTROL	60	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	22	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	120	70	31.1	236.4	26.8	51.7	183.5	716.9	362.4	1 085.8	30.9	114.1	106.9
	NONCORPORATE, TOTAL	23	2	.4	3.3	.3	.5	2.2	7.5	3.9	9.9	.2	.3	3.2
	INDIVIDUAL	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	7	1	(Z)	.2	(Z)	.1	.2	1.0	.6	1.6	(Z)	.1	.1
	OTHER AND UNKNOWN	10	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3643	CURRENT-CARRYING WIRING DEVICES													
	TOTAL	401	210	48.3	369.4	37.3	72.8	235.3	766.9	477.9	1 216.6	52.2	213.7	251.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	123	112	39.4	307.7	30.4	59.1	196.4	644.9	396.0	1 014.7	44.1	187.3	221.6
	CORPORATE OWNERSHIP OR CONTROL	122	111	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	278	98	8.9	61.8	6.9	13.7	38.8	122.1	81.9	201.9	8.1	26.3	30.1
	CORPORATE OWNERSHIP OR CONTROL	241	97	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	37	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	363	208	48.1	367.4	37.1	72.4	234.1	761.4	472.9	1 206.1	51.4	212.7	250.0
	NONCORPORATE, TOTAL	38	2	.3	2.1	.2	.4	1.1	5.5	5.1	10.5	.8	1.4	1.7
	INDIVIDUAL	21	1	.1	1.2	.1	.2	.5	3.3	3.2	6.5	.6	.8	1.0
	PARTNERSHIP	6	1	.1	.4	.1	.1	.3	1.4	1.5	2.8	(Z)	.4	.5
	OTHER AND UNKNOWN	11	-	.1	.4	(Z)	.1	.3	.8	.4	1.1	.1	.2	.2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3644	NONCURRENT-CARRYING WIRING DEVICES													
	TOTAL	179	117	25.7	217.0	19.3	37.7	147.0	490.8	400.8	886.4	25.2	175.9	186.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	84	78	21.6	183.8	16.0	31.2	125.0	420.7	353.0	769.3	22.1	159.4	168.7
	CORPORATE OWNERSHIP OR CONTROL	84	78	21.6	183.8	16.0	31.2	125.0	420.7	353.0	769.3	22.1	159.4	168.7
	SINGLE UNIT COMPANIES, TOTAL	95	39	4.1	33.2	3.3	6.5	22.1	70.1	47.8	117.0	3.1	16.5	18.1
	CORPORATE OWNERSHIP OR CONTROL	86	38	4.0	32.4	3.2	6.3	21.4	68.4	46.7	114.2	3.0	16.1	17.7
	NONCORPORATE OWNERSHIP	9	1	.1	.8	.1	.1	.7	1.7	1.1	2.8	(2)	.4	.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	170	116	25.6	216.2	19.2	37.5	146.4	489.0	399.6	883.5	25.1	175.6	186.5
	NONCORPORATE, TOTAL	9	1	.1	.8	.1	.1	.7	1.7	1.1	2.8	(2)	.4	.4
	INDIVIDUAL	1	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	PARTNERSHIP	3	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	5	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3645	RESIDENTIAL LIGHTING FIXTURES													
	TOTAL	701	278	26.5	189.3	21.0	40.6	120.7	390.2	386.5	767.2	13.7	123.8	137.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	92	75	13.5	101.6	10.6	21.2	64.2	203.2	206.6	401.9	7.0	78.6	88.6
	CORPORATE OWNERSHIP OR CONTROL	89	75	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	3	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	SINGLE UNIT COMPANIES, TOTAL	609	203	13.0	87.7	10.5	19.4	56.4	187.0	179.9	365.2	6.7	45.0	49.1
	CORPORATE OWNERSHIP OR CONTROL	501	199	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	108	4	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	590	274	26.0	185.5	20.6	39.8	118.1	380.0	376.9	747.4	13.3	121.0	135.0
	NONCORPORATE, TOTAL	111	4	.5	3.7	.4	.8	2.6	10.2	9.6	19.8	.5	2.7	2.7
	INDIVIDUAL	49	2	.2	1.3	.2	.3	.9	4.1	3.6	7.5	.2	1.9	1.0
	PARTNERSHIP	23	2	.2	1.5	.2	.3	1.1	4.3	4.2	8.5	.1	1.2	1.2
	OTHER AND UNKNOWN	39	—	.1	.9	.1	.2	.6	1.8	1.8	3.7	.1	.5	.6
3646	COMMERCIAL LIGHTING FIXTURES													
	TOTAL	236	140	18.8	148.3	14.0	27.0	93.2	350.4	374.8	718.7	13.7	116.2	127.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	73	68	12.8	101.1	9.4	18.5	63.9	251.8	257.9	505.0	10.8	93.0	101.1
	CORPORATE OWNERSHIP OR CONTROL	73	68	12.8	101.1	9.4	18.5	63.9	251.8	257.9	505.0	10.8	93.0	101.1
	SINGLE UNIT COMPANIES, TOTAL	163	72	6.0	47.2	4.6	8.4	29.3	98.6	116.9	213.7	2.9	23.3	26.4
	CORPORATE OWNERSHIP OR CONTROL	147	71	5.8	46.6	4.5	8.3	28.8	97.3	115.6	211.0	2.9	23.0	26.1
	NONCORPORATE OWNERSHIP	16	1	.1	.6	.1	.1	.5	1.4	1.4	2.7	(2)	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	220	139	18.6	147.8	13.8	26.9	92.7	349.0	373.5	716.0	13.7	115.9	127.2
	NONCORPORATE, TOTAL	16	1	.1	.6	.1	.1	.5	1.4	1.4	2.7	(2)	.3	.3
	INDIVIDUAL	7	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	PARTNERSHIP	8	—	(2)	.3	(2)	.1	.2	.9	.8	1.7	(2)	.2	.2
	OTHER AND UNKNOWN	1	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3647	VEHICULAR LIGHTING EQUIPMENT													
	TOTAL	47	31	13.6	142.1	10.7	21.5	101.9	299.8	205.2	499.8	7.2	42.7	50.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	16	15	11.8	129.3	9.3	18.8	94.3	273.0	183.7	452.3	6.5	36.7	42.7
	CORPORATE OWNERSHIP OR CONTROL	16	15	11.8	129.3	9.3	18.8	94.3	273.0	183.7	452.3	6.5	36.7	42.7
	SINGLE UNIT COMPANIES, TOTAL	31	16	1.8	12.9	1.4	2.7	7.7	26.9	21.5	47.5	.7	6.0	7.6
	CORPORATE OWNERSHIP OR CONTROL	28	16	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	3	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	44	31	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE, TOTAL	3	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	INDIVIDUAL	2	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	1	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3648	LIGHTING EQUIPMENT, N.E.C.													
	TOTAL	190	95	12.7	107.9	9.2	18.4	63.1	254.3	219.4	466.5	16.6	77.7	85.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	63	58	10.1	88.1	7.2	14.6	51.3	214.6	180.9	388.8	15.0	67.4	74.1
	CORPORATE OWNERSHIP OR CONTROL	63	58	10.1	88.1	7.2	14.6	51.3	214.6	180.9	388.8	15.0	67.4	74.1
	SINGLE UNIT COMPANIES, TOTAL	127	37	2.6	19.8	2.0	3.9	11.8	39.7	38.6	77.7	1.6	10.3	11.4
	CORPORATE OWNERSHIP OR CONTROL	105	36	2.5	19.3	1.9	3.7	11.4	38.5	37.2	75.1	1.6	10.0	11.1
	NONCORPORATE OWNERSHIP	22	1	.1	.5	.1	.2	.4	1.3	1.3	2.6	.1	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	168	94	12.6	107.4	9.1	18.3	62.7	253.0	218.1	463.9	16.6	77.3	85.2
	NONCORPORATE, TOTAL	22	1	.1	.5	.1	.2	.4	1.3	1.3	2.6	.1	.3	.3
	INDIVIDUAL	14	1	.1	.4	.1	.1	.3	.9	1.0	2.0	(2)	.2	.2
	PARTNERSHIP	3	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	5	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3651	RADIO AND TV RECEIVING SETS													
	TOTAL	372	164	86.5	651.4	69.8	132.4	453.6	1 807.8	2 715.4	4 440.1	58.6	565.5	664.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	102	89	79.3	604.8	64.6	123.3	426.0	1 706.3	2 598.5	4 229.5	54.4	530.6	622.9
	CORPORATE OWNERSHIP OR CONTROL	101	89	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	270	75	7.2	46.6	5.2	9.1	27.6	101.5	116.9	210.6	4.3	34.9	41.9
	CORPORATE OWNERSHIP OR CONTROL	230	73	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	40	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	331	162	86.4	650.3	69.7	132.1	452.9	1 804.8	2 711.7	4 433.5	58.5	564.6	663.9
	NONCORPORATE, TOTAL	41	2	.2	1.1	.2	.3	.7	3.0	3.7	6.6	.1	.9	.9
	INDIVIDUAL	21	1	.1	.6	.1	.2	.4	1.9	2.1	4.1	(Z)	.4	.4
	PARTNERSHIP	7	1	.1	.3	(Z)	.1	.2	.6	.8	1.4	(Z)	.3	.3
	OTHER AND UNKNOWN	13	-	(Z)	.2	(Z)	(Z)	.1	.5	.7	1.1	(Z)	.2	.2
3652	PHONOGRAPH RECORDS, PRERECORDED TAPES													
	TOTAL	567	119	20.3	146.5	15.8	30.8	100.1	375.6	191.5	567.7	16.9	71.0	67.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	66	45	14.2	106.1	11.0	22.2	73.1	276.7	133.5	412.0	10.2	56.3	51.8
	CORPORATE OWNERSHIP OR CONTROL	66	45	14.2	106.1	11.0	22.2	73.1	276.7	133.5	412.0	10.2	56.3	51.8
	SINGLE UNIT COMPANIES, TOTAL	501	74	6.1	40.4	4.8	8.7	26.9	98.9	58.1	155.8	6.7	14.8	15.8
	CORPORATE OWNERSHIP OR CONTROL	421	74	5.9	39.1	4.6	8.4	26.0	94.8	55.6	149.4	6.3	13.8	14.6
	NONCORPORATE OWNERSHIP	80	-	.2	1.3	.2	.3	.9	4.0	2.4	6.4	.4	1.0	1.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	487	119	20.2	145.2	15.7	30.5	99.2	371.5	189.1	561.3	16.6	70.1	66.6
	NONCORPORATE, TOTAL	80	-	.2	1.3	.2	.3	.9	4.0	2.4	6.4	.4	1.0	1.0
	INDIVIDUAL	29	-	.1	1.4	.1	.1	.3	1.5	.9	2.5	.1	.4	.4
	PARTNERSHIP	10	-	(Z)	.1	(Z)	(Z)	.1	.5	.3	.7	(Z)	.1	.1
	OTHER AND UNKNOWN	41	-	.1	.8	.1	.2	.5	2.0	1.2	3.2	.2	.5	.5
3661	TELEPHONE AND TELEGRAPH APPARATUS													
	TOTAL	203	110	134.4	1 323.0	94.7	176.4	821.8	2 650.1	1 970.3	4 524.7	169.2	758.3	850.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	89	77	131.9	1 304.6	93.1	173.8	812.4	2 605.0	1 932.6	4 443.1	167.2	745.2	841.6
	CORPORATE OWNERSHIP OR CONTROL	89	77	131.9	1 304.6	93.1	173.8	812.4	2 605.0	1 932.6	4 443.1	167.2	745.2	841.6
	SINGLE UNIT COMPANIES, TOTAL	114	33	2.5	18.4	1.6	2.6	9.4	45.0	37.6	81.7	2.0	13.1	14.5
	CORPORATE OWNERSHIP OR CONTROL	100	32	2.4	17.7	1.5	2.5	8.8	41.1	34.5	74.6	1.9	11.8	13.2
	NONCORPORATE OWNERSHIP	14	1	.1	.7	.1	.1	.5	3.9	3.1	7.0	.2	1.3	1.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	189	109	134.4	1 323.3	94.6	176.3	821.3	2 646.1	1 967.2	4 517.7	169.0	757.0	854.7
	NONCORPORATE, TOTAL	14	1	.1	.7	.1	.1	.5	3.9	3.1	7.0	.2	1.3	1.3
	INDIVIDUAL	8	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3662	RADIO AND TV COMMUNICATION EQUIPMENT													
	TOTAL	1 773	921	319.2	3 589.1	161.9	320.9	1 447.6	5 803.1	3 338.1	9 140.2	212.2	2 107.2	2 081.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	614	535	288.3	3 312.4	142.6	283.3	1 317.4	5 297.5	3 043.4	8 361.0	180.3	1 963.7	1 911.0
	CORPORATE OWNERSHIP OR CONTROL	612	534	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 159	386	30.9	276.7	19.3	37.6	130.2	505.6	294.8	779.3	32.0	143.5	170.3
	CORPORATE OWNERSHIP OR CONTROL	1 048	382	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	111	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 660	916	318.4	3 581.3	161.4	320.0	1 443.6	5 792.0	3 329.6	9 120.7	211.6	2 102.9	2 076.9
	NONCORPORATE, TOTAL	113	5	.8	7.8	.5	.9	4.0	11.1	8.5	19.6	.6	4.4	4.3
	INDIVIDUAL	56	4	.6	6.1	.3	.7	3.3	7.8	6.1	13.8	.4	3.2	3.2
	PARTNERSHIP	25	1	.1	.9	.1	.2	.5	1.8	1.4	3.4	.2	.8	.5
	OTHER AND UNKNOWN	32	-	.1	.8	(Z)	.1	.3	1.4	1.0	2.3	.1	.4	.5
3671	ELECTRON TUBES, RECEIVING TYPE													
	TOTAL	25	13	11.4	87.7	9.5	18.2	63.7	173.8	56.8	230.4	1.8	23.2	23.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	12	11	10.9	85.1	9.0	17.3	61.4	170.4	56.4	226.6	1.8	22.8	23.5
	CORPORATE OWNERSHIP OR CONTROL	12	11	10.9	85.1	9.0	17.3	61.4	170.4	56.4	226.6	1.8	22.8	23.5
	SINGLE UNIT COMPANIES, TOTAL	13	2	.5	2.5	.5	.9	2.3	3.4	.4	3.8	(Z)	.4	.4
	CORPORATE OWNERSHIP OR CONTROL	8	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	20	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3672	CATHODE RAY TV PICTURE TUBES													
	TOTAL	75	21	15.2	146.9	12.2	24.3	97.3	345.5	359.1	696.5	26.2	55.8	66.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	16	15	14.0	137.7	11.2	22.5	91.2	330.0	338.4	660.3	25.7	54.1	64.5
	CORPORATE OWNERSHIP OR CONTROL	15	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	59	6	1.2	9.1	1.0	1.8	6.1	15.6	20.7	36.2	.4	1.7	1.9
	CORPORATE OWNERSHIP OR CONTROL	47	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	12	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	62	21	15.2	146.6	12.2	24.3	97.1	345.1	358.6	695.6	26.1	55.7	66.2
	NONCORPORATE, TOTAL	13	-	(Z)	.2	(Z)	(Z)	.1	.4	.5	.9	(Z)	.1	.1
	INDIVIDUAL	5	-	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.3	(Z)	(Z)	(Z)
	PARTNERSHIP	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3673	ELECTRON TUBES, TRANSMITTING													
	TOTAL	53	38	20.5	233.8	12.3	25.3	115.8	342.8	138.0	479.3	13.5	99.8	102.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	31	30	19.8	228.3	11.9	24.5	113.1	332.9	133.1	464.5	13.3	96.9	100.0
	CORPORATE OWNERSHIP OR CONTROL	31	30	19.8	228.3	11.9	24.5	113.1	332.9	133.1	464.5	13.3	96.9	100.0
	SINGLE UNIT COMPANIES, TOTAL	22	8	.6	5.4	.4	.8	2.7	9.9	4.9	14.8	.2	2.9	2.8
	CORPORATE OWNERSHIP OR CONTROL	19	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	50	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3674	SEMICONDUCTORS, RELATED DEVICES													
	TOTAL	327	198	97.6	953.1	58.4	116.3	419.8	1 735.1	931.4	2 704.8	170.5	537.9	502.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	128	118	89.0	881.1	52.1	104.3	379.8	1 595.2	868.6	2 506.8	155.5	510.0	467.5
	CORPORATE OWNERSHIP OR CONTROL	128	118	89.0	881.1	52.1	104.3	379.8	1 595.2	868.6	2 506.8	155.5	510.0	467.5
	SINGLE UNIT COMPANIES, TOTAL	199	80	8.6	71.9	6.2	11.9	40.0	140.0	62.8	197.9	15.0	27.9	35.4
	CORPORATE OWNERSHIP OR CONTROL	189	79	8.6	71.2	6.2	11.8	39.7	139.6	62.4	197.3	14.9	27.8	35.0
	NONCORPORATE OWNERSHIP	10	1	.1	.7	(Z)	.1	.4	.4	.4	.6	(Z)	.1	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	317	197	97.6	952.3	58.3	116.2	419.4	1 734.8	931.0	2 704.2	170.5	537.8	502.5
	NONCORPORATE, TOTAL	10	1	.1	.7	(Z)	.1	.4	.4	.4	.6	(Z)	.1	.3
	INDIVIDUAL	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3675	ELECTRONIC CAPACITORS													
	TOTAL	113	101	27.6	169.2	22.5	44.5	119.6	298.6	152.9	445.8	13.4	89.4	99.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	69	66	24.5	150.9	19.9	39.6	107.6	266.2	137.4	398.4	12.6	83.8	93.2
	CORPORATE OWNERSHIP OR CONTROL	69	66	24.5	150.9	19.9	39.6	107.6	266.2	137.4	398.4	12.6	83.9	93.2
	SINGLE UNIT COMPANIES, TOTAL	44	35	3.1	18.2	2.6	4.9	12.0	32.5	15.5	47.5	.6	5.6	6.4
	CORPORATE OWNERSHIP OR CONTROL	43	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	112	100	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3676	ELECTRONIC RESISTORS													
	TOTAL	86	78	20.5	144.5	15.7	31.3	93.9	263.5	111.6	372.2	10.4	56.3	62.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	57	55	18.5	132.0	14.2	28.2	85.9	244.7	105.7	347.7	9.8	53.7	59.9
	CORPORATE OWNERSHIP OR CONTROL	57	55	18.5	132.0	14.2	28.2	85.9	244.7	105.7	347.7	9.8	53.7	59.9
	SINGLE UNIT COMPANIES, TOTAL	29	23	2.0	12.5	1.5	3.1	8.0	18.8	5.8	24.5	.6	2.5	2.8
	CORPORATE OWNERSHIP OR CONTROL	29	23	2.0	12.5	1.5	3.1	8.0	18.8	5.8	24.5	.6	2.5	2.8
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	86	78	20.5	144.5	15.7	31.3	93.9	263.5	111.6	372.2	10.4	56.3	62.7

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3677	ELECTRONIC COILS AND TRANSFORMERS													
	TOTAL	247	205	23.9	142.0	19.2	37.0	97.6	213.9	156.6	354.1	8.8	52.3	59.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	97	91	15.7	95.5	12.5	24.6	66.8	142.3	109.8	236.5	6.3	40.6	45.6
	CORPORATE OWNERSHIP OR CONTROL	97	91	15.7	95.5	12.5	24.6	66.8	142.3	109.8	236.5	6.3	40.6	45.6
	SINGLE UNIT COMPANIES, TOTAL	150	114	8.2	46.5	6.7	12.4	30.8	71.5	46.8	117.5	2.4	11.7	13.8
	CORPORATE OWNERSHIP OR CONTROL	142	109	8.0	45.6	6.6	12.1	30.2	69.9	45.6	114.7	2.4	11.6	13.6
	NONCORPORATE OWNERSHIP	8	5	.2	.9	.2	.3	.6	1.6	1.2	2.8	.1	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	239	200	23.7	141.1	19.0	37.0	96.9	212.2	155.4	351.3	8.7	52.3	59.2
	NONCORPORATE, TOTAL	8	5	.2	.9	.2	.3	.6	1.6	1.2	2.8	.1	.1	.1
	INDIVIDUAL	5	3	.1	.5	.1	.2	.4	.6	.5	1.1	.1	(Z)	(Z)
	PARTNERSHIP	3	2	.1	.5	(Z)	.1	.2	1.0	.6	1.7	(Z)	.1	.1
3678	ELECTRONIC CONNECTORS													
	TOTAL	91	79	18.1	141.2	13.5	26.8	90.2	345.6	141.0	483.3	12.2	91.2	95.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	51	49	15.6	123.9	11.7	23.3	80.3	311.7	124.5	433.4	10.7	84.8	88.4
	CORPORATE OWNERSHIP OR CONTROL	51	49	15.6	123.9	11.7	23.3	80.3	311.7	124.5	433.4	10.7	84.8	88.4
	SINGLE UNIT COMPANIES, TOTAL	40	30	2.4	17.4	1.8	3.5	9.9	34.0	16.5	49.9	1.4	6.4	7.1
	CORPORATE OWNERSHIP OR CONTROL	39	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	90	78	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3679	ELECTRONIC COMPONENTS, N.E.C.													
	TOTAL	1 850	706	101.2	851.1	70.6	137.5	462.1	1 586.0	1 418.2	3 059.9	86.7	508.2	481.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	379	315	70.0	624.8	47.1	92.2	329.7	1 187.8	1 167.3	2 415.2	57.9	414.0	378.4
	CORPORATE OWNERSHIP OR CONTROL	375	312	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 471	391	31.2	226.3	23.5	44.6	132.4	399.0	250.8	644.6	28.8	94.2	103.5
	CORPORATE OWNERSHIP OR CONTROL	1 253	384	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	218	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 628	696	100.2	843.9	69.8	135.4	458.1	1 573.3	1 407.5	3 035.8	85.1	503.5	477.2
	NONCORPORATE, TOTAL	222	10	1.0	7.2	.8	1.4	3.9	13.5	10.7	24.1	1.5	4.7	4.7
	INDIVIDUAL	104	6	.6	4.0	.4	.8	2.1	7.6	6.4	14.0	.9	2.9	2.9
	PARTNERSHIP	44	4	.2	1.6	.2	.3	1.0	3.0	2.0	4.9	.4	.8	.8
	OTHER AND UNKNOWN	74	-	.2	1.6	.2	.3	.8	2.9	2.3	5.1	.3	1.0	1.0
3691	STORAGE BATTERIES													
	TOTAL	212	120	22.1	209.3	18.0	36.0	159.3	477.8	511.7	968.6	30.8	123.2	133.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	100	96	20.6	196.4	16.8	33.7	151.3	450.8	477.6	907.9	29.4	115.7	125.8
	CORPORATE OWNERSHIP OR CONTROL	100	96	20.6	196.4	16.8	33.7	151.3	450.8	477.6	907.9	29.4	115.7	125.8
	SINGLE UNIT COMPANIES, TOTAL	112	24	1.5	12.8	1.1	2.2	8.0	27.0	34.2	60.8	1.4	7.4	7.9
	CORPORATE OWNERSHIP OR CONTROL	68	24	1.4	11.7	1.0	2.0	7.1	23.8	30.8	54.2	1.2	6.5	6.9
	NONCORPORATE OWNERSHIP	44	-	.1	1.1	.1	.2	.8	3.2	3.4	6.6	.2	1.0	1.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	168	120	22.0	208.2	17.8	35.8	158.4	474.6	508.4	962.0	30.6	122.2	132.7
	NONCORPORATE, TOTAL	44	-	.1	1.1	.1	.2	.8	3.2	3.4	6.6	.2	1.0	1.0
	INDIVIDUAL	26	-	.1	.7	.1	.1	.5	2.0	2.2	4.2	.1	.6	.6
	PARTNERSHIP	7	-	(Z)	.2	(Z)	(Z)	.1	.6	.6	1.1	(Z)	.2	.2
	OTHER AND UNKNOWN	11	-	(Z)	.2	(Z)	(Z)	.2	.6	.7	1.3	(Z)	.2	.2
3692	PRIMARY BATTERIES, DRY AND WET													
	TOTAL	48	31	8.4	64.6	6.8	13.5	46.4	221.6	130.5	348.1	7.2	58.5	63.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	29	27	8.1	62.5	6.5	13.0	45.1	218.0	128.1	342.2	7.0	57.8	62.3
	CORPORATE OWNERSHIP OR CONTROL	29	27	8.1	62.5	6.5	13.0	45.1	218.0	128.1	342.2	7.0	57.8	62.3
	SINGLE UNIT COMPANIES, TOTAL	19	4	.3	2.1	.2	.5	1.3	3.6	2.4	5.9	.2	.8	.9
	CORPORATE OWNERSHIP OR CONTROL	14	4	.3	2.1	.2	.5	1.3	3.4	2.2	5.5	.2	.7	.9
	NONCORPORATE OWNERSHIP	5	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.2	.4	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	43	31	8.4	64.5	6.8	13.5	46.4	221.4	130.3	347.7	7.2	58.5	63.1
	NONCORPORATE, TOTAL	5	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.2	.4	(Z)	.1	.1
	INDIVIDUAL	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manu- facture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3693	X-RAY APPARATUS AND TUBES													
	TOTAL	104	54	12.1	120.9	6.9	14.1	55.5	311.3	147.2	443.7	6.1	87.2	106.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	34	30	9.9	100.5	5.6	11.2	45.5	265.9	122.9	379.3	6.2	75.6	90.2
	CORPORATE OWNERSHIP OR CONTROL	34	30	9.9	100.5	5.6	11.2	45.5	265.9	122.9	379.3	6.2	75.6	90.2
	SINGLE UNIT COMPANIES, TOTAL	70	24	2.2	20.4	1.3	2.9	10.0	45.4	24.3	64.4	1.9	11.6	16.7
	CORPORATE OWNERSHIP OR CONTROL	63	24	2.2	20.3	1.3	2.9	10.0	45.2	24.2	64.1	1.9	11.5	16.6
	NONCORPORATE OWNERSHIP	7	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.4	(Z)	.1	.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	97	54	12.1	120.8	6.9	14.1	55.5	311.1	147.1	443.4	8.0	87.1	106.8
	NONCORPORATE, TOTAL	7	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.4	(Z)	.1	.1
	INDIVIDUAL	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3694	ENGINE ELECTRICAL EQUIPMENT													
	TOTAL	290	143	57.9	591.3	47.7	96.9	451.7	1 212.6	855.0	2 035.0	30.6	220.8	245.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	68	65	50.4	540.6	41.7	85.0	416.9	1 111.8	768.4	1 849.4	26.6	196.6	217.5
	CORPORATE OWNERSHIP OR CONTROL	68	65	50.4	540.6	41.7	85.0	416.9	1 111.8	768.4	1 849.4	26.6	196.6	217.5
	SINGLE UNIT COMPANIES, TOTAL	222	78	7.5	50.8	6.0	11.9	34.9	100.7	86.6	185.6	4.2	24.2	27.6
	CORPORATE OWNERSHIP OR CONTROL	172	76	7.3	49.5	5.9	11.6	33.9	96.8	83.6	178.6	4.0	23.2	26.7
	NONCORPORATE OWNERSHIP	50	2	.2	1.3	.1	.3	1.0	3.9	3.0	6.9	.2	1.0	1.0
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	240	141	57.8	590.0	47.5	96.6	450.7	1 208.7	852.0	2 028.1	30.6	219.8	244.2
	NONCORPORATE, TOTAL	50	2	.2	1.3	.1	.3	1.0	3.9	3.0	6.9	.2	1.0	1.0
	INDIVIDUAL	29	1	.1	.7	.1	.1	.5	2.1	1.6	3.7	.1	.5	.6
	PARTNERSHIP	9	1	(Z)	.3	(Z)	.1	.2	1.3	1.0	2.2	(Z)	.3	.3
	OTHER AND UNKNOWN	12	-	(Z)	.3	(Z)	.1	.2	.6	.5	1.0	(Z)	.1	.2
3699	ELECTRICAL EQUIPMENT AND SUPPLIES, NEC													
	TOTAL	998	192	19.8	135.4	15.4	28.6	84.4	274.4	236.4	519.5	16.7	74.6	82.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	97	76	10.1	68.4	8.2	15.6	46.9	138.6	113.8	263.4	7.2	40.2	45.7
	CORPORATE OWNERSHIP OR CONTROL	96	76	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	901	116	9.7	67.0	7.2	13.0	37.5	135.7	122.6	256.1	9.5	34.5	37.3
	CORPORATE OWNERSHIP OR CONTROL	731	112	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	170	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	827	188	19.3	132.2	14.9	27.8	82.4	266.5	230.6	505.7	16.3	72.8	81.1
	NONCORPORATE, TOTAL	171	4	.6	3.2	.5	.8	2.0	7.9	5.9	13.8	.4	1.8	1.8
	INDIVIDUAL	76	2	.3	1.5	.2	.3	.9	4.0	3.2	7.2	.2	1.0	1.0
	PARTNERSHIP	44	2	.2	.9	.2	.3	.6	1.9	1.2	3.1	.1	.4	.4
	OTHER AND UNKNOWN	51	-	.1	.9	.1	.2	.5	2.0	1.5	3.4	.1	.4	.5
37	TRANSPORTATION EQUIPMENT													
	TOTAL	8 802	3 618	1 719.0	19 880.0	1 246.2	2 527.4	12 848.6	39 799.4	55 767.8	94 704.9	2 660.2	14 523.0	15 705.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	2 186	1 910	1 575.5	18 747.9	1 129.5	2 303.7	12 041.2	37 799.9	53 707.0	90 688.0	2 535.4	13 927.6	14 952.8
	CORPORATE OWNERSHIP OR CONTROL	2 168	1 903	1 574.7	18 742.9	1 128.8	2 302.3	12 037.0	37 787.7	53 697.5	90 666.3	2 535.1	13 926.1	14 950.7
	NONCORPORATE OWNERSHIP	18	7	.8	5.1	.7	1.4	4.2	12.1	9.5	21.7	.3	1.5	2.0
	SINGLE UNIT COMPANIES, TOTAL	6 616	1 708	143.5	1 132.0	116.7	223.6	807.4	1 999.6	2 060.8	4 016.9	124.8	595.3	752.6
	CORPORATE OWNERSHIP OR CONTROL	4 690	1 640	135.4	1 073.6	109.7	211.4	764.7	1 883.1	1 936.2	3 777.6	118.2	555.4	710.3
	NONCORPORATE OWNERSHIP	1 926	68	8.1	58.5	7.0	12.3	42.8	116.5	124.6	239.3	6.6	39.9	42.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	6 858	3 543	1 710.1	19 816.5	1 238.5	2 513.7	12 801.7	39 670.8	55 633.7	94 443.9	2 653.3	14 481.5	15 661.1
	NONCORPORATE, TOTAL	1 944	75	8.9	63.5	7.7	13.7	46.9	128.7	134.0	261.0	6.8	41.4	44.3
	INDIVIDUAL	968	39	4.1	28.8	3.6	6.2	22.0	61.4	61.1	122.2	3.1	21.7	22.8
	PARTNERSHIP	375	36	3.1	22.8	2.6	4.8	16.2	44.5	46.8	90.0	2.1	10.8	12.8
	OTHER AND UNKNOWN	601	-	1.7	12.0	1.5	2.7	8.7	22.8	26.2	48.8	1.6	8.9	8.7
3711	MOTOR VEHICLES AND CAR BODIES													
	TOTAL	231	119	339.2	4 299.5	284.0	587.9	3 405.4	11 782.5	31 169.5	42 905.6	917.2	1 857.2	2 183.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	99	88	336.3	4 275.8	281.8	583.8	3 389.9	11 739.5	31 116.9	42 810.4	915.2	1 834.7	2 161.4
	CORPORATE OWNERSHIP OR CONTROL	98	88	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	132	31	2.9	23.7	2.2	4.1	15.4	42.9	52.6	95.3	2.0	22.4	22.5
	CORPORATE OWNERSHIP OR CONTROL	100	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	32	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	198	119	339.1	4 298.8	283.9	587.7	3 404.8	11 781.3	31 166.7	42 901.6	917.1	1 856.9	2 183.6
	NONCORPORATE, TOTAL	33	-	.1	.7	.1	.1	.6	1.2	2.9	4.1	(Z)	.2	.2
	INDIVIDUAL	12	-	.1	.4	(Z)	.1	.3	.6	1.1	1.6	(Z)	.1	.1
	PARTNERSHIP	5	-	(Z)	.2	(Z)	(Z)	.1	.4	1.0	1.4	(Z)	.1	.1
	OTHER AND UNKNOWN	16	-	(Z)	.1	(Z)	(Z)	.1	.3	.8	1.0	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages	(million dollars)	(million dollars)	(million dollars)	(million dollars)	1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3713	TRUCK AND BUS BODIES													
	TOTAL	786	354	42.6	353.8	33.1	65.3	245.1	659.7	940.5	1 564.4	48.3	255.0	301.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	173	151	25.6	219.3	19.6	39.1	151.1	423.7	635.2	1 028.8	36.6	173.5	212.2
	CORPORATE OWNERSHIP OR CONTROL	172	150	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	613	203	17.0	134.6	13.6	26.1	93.9	236.1	305.3	535.6	11.7	81.6	89.6
	CORPORATE OWNERSHIP OR CONTROL	442	194	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	171	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	614	344	41.6	346.8	32.3	63.9	239.8	644.9	924.7	1 533.7	47.7	250.1	296.6
	NONCORPORATE, TOTAL	172	10	1.0	7.0	.8	1.4	5.2	14.8	15.8	30.6	.6	5.0	5.1
	INDIVIDUAL	82	7	.5	3.7	.4	.7	2.7	7.9	7.8	15.7	.3	2.3	2.3
	PARTNERSHIP	39	3	.3	2.0	.2	.4	1.7	4.5	5.2	9.8	.1	1.4	1.8
	OTHER AND UNKNOWN	51	-	.2	1.3	.2	.3	.9	2.4	2.7	5.2	.1	1.4	1.1
3714	MOTOR VEHICLE PARTS, ACCESSORIES													
	TOTAL	2 119	935	400.9	4 601.5	332.3	696.0	3 620.3	9 164.7	9 330.4	18 333.5	1 113.1	1 858.1	2 049.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	657	579	370.6	4 356.6	307.9	648.8	3 448.8	8 675.9	8 906.4	17 428.7	1 084.3	1 746.3	1 925.4
	CORPORATE OWNERSHIP OR CONTROL	650	576	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	7	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 462	356	30.3	244.9	24.5	47.2	171.6	488.8	424.1	904.8	28.8	111.8	124.1
	CORPORATE OWNERSHIP OR CONTROL	1 122	346	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	340	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 772	922	399.3	4 589.0	330.9	693.3	3 611.0	9 135.8	9 302.8	18 277.3	1 111.3	1 852.5	2 043.7
	NONCORPORATE, TOTAL	347	13	1.6	12.4	1.4	2.6	9.3	28.8	27.6	56.3	1.8	5.7	5.9
	INDIVIDUAL	173	4	.6	4.7	.5	.9	3.6	12.0	10.1	22.1	.8	2.1	2.2
	PARTNERSHIP	71	9	.8	5.5	.7	1.4	3.9	12.4	13.2	25.5	.6	2.5	2.6
	OTHER AND UNKNOWN	103	-	.3	2.2	.2	.4	1.7	4.4	4.3	8.7	.4	1.1	1.1
3715	TRUCK TRAILERS													
	TOTAL	255	139	24.7	205.6	19.7	37.8	149.1	449.3	684.8	1 117.9	14.6	167.0	190.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	90	79	20.2	169.6	16.1	30.8	123.5	384.7	594.7	965.0	12.4	148.3	168.7
	CORPORATE OWNERSHIP OR CONTROL	89	78	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	165	60	4.5	36.0	3.6	7.0	25.6	64.6	90.1	152.9	2.2	18.8	22.2
	CORPORATE OWNERSHIP OR CONTROL	121	60	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	44	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	210	138	24.5	203.9	19.5	37.3	147.7	445.3	680.1	1 109.2	14.5	166.3	190.0
	NONCORPORATE, TOTAL	45	1	.2	1.7	.2	.4	1.4	4.0	4.7	8.7	.1	.8	.9
	INDIVIDUAL	22	-	.1	.4	(Z)	.1	.3	.7	1.1	1.8	(Z)	.3	.3
	PARTNERSHIP	7	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	16	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3721	AIRCRAFT													
	TOTAL	168	86	231.8	2 867.1	131.0	259.1	1 332.3	5 083.0	4 028.7	8 779.3	57.1	6 160.4	6 375.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	65	61	229.7	2 850.1	129.6	256.4	1 322.5	5 059.2	4 007.4	8 734.8	56.1	6 149.7	6 363.5
	CORPORATE OWNERSHIP OR CONTROL	63	61	229.7	2 850.1	129.6	256.4	1 322.5	5 059.2	4 007.4	8 734.8	56.1	6 149.7	6 363.5
	SINGLE UNIT COMPANIES, TOTAL	103	25	2.1	16.9	1.5	2.7	9.8	23.8	21.3	44.5	1.0	10.7	11.8
	CORPORATE OWNERSHIP OR CONTROL	85	23	2.0	16.5	1.4	2.6	9.4	23.0	20.9	43.4	1.0	10.4	11.5
	NONCORPORATE OWNERSHIP	17	2	.1	.5	.1	.1	.3	.8	.4	1.1	(Z)	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	151	84	231.7	2 866.6	131.0	259.0	1 332.0	5 082.3	4 028.3	8 778.2	57.1	6 160.1	6 375.0
	NONCORPORATE, TOTAL	17	2	.1	.5	.1	.1	.3	.8	.4	1.1	(Z)	.3	.3
	INDIVIDUAL	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	6	2	.1	.3	(Z)	.1	.2	.5	.1	.6	(Z)	.1	.1
	OTHER AND UNKNOWN	6	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3724	AIRCRAFT ENGINES AND ENGINE PARTS													
	TOTAL	232	156	104.7	1 256.6	60.4	125.0	603.4	1 991.7	1 742.1	3 640.2	73.0	834.2	868.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	107	100	100.3	1 211.4	57.1	117.0	574.0	1 920.9	1 703.0	3 529.5	70.5	815.3	850.3
	CORPORATE OWNERSHIP OR CONTROL	107	100	100.3	1 211.4	57.1	117.0	574.0	1 920.9	1 703.0	3 529.5	70.5	815.3	850.3
	SINGLE UNIT COMPANIES, TOTAL	125	56	4.4	45.1	3.3	8.0	29.5	70.8	39.1	110.6	2.5	18.9	17.9
	CORPORATE OWNERSHIP OR CONTROL	111	55	4.3	44.5	3.3	7.9	29.0	69.8	38.5	109.1	2.4	18.7	17.7
	NONCORPORATE OWNERSHIP	14	1	.1	.7	(Z)	.1	.5	1.0	.6	1.6	.1	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	218	155	104.7	1 255.9	60.3	124.9	603.0	1 990.7	1 741.5	3 638.6	72.9	834.0	868.0
	NONCORPORATE, TOTAL	14	1	.1	.7	(Z)	.1	.5	1.0	.6	1.6	.1	.2	.2
	INDIVIDUAL	5	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	7	1	(Z)	.6	(Z)	.1	.4	.7	.4	1.1	.1	.1	.1
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
372A	AIRCRAFT EQUIPMENT, N.E.C.													
	TOTAL	694	313	102.2	1 158.1	68.1	139.5	677.9	2 048.9	1 064.0	3 031.9	38.9	1 102.9	1 177.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	194	170	91.4	1 054.8	60.1	123.2	612.4	1 868.2	973.2	2 765.1	32.4	1 052.9	1 122.9
	CORPORATE OWNERSHIP OR CONTROL	193	169	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	500	143	10.9	103.3	8.0	16.3	65.5	180.7	90.8	266.8	6.5	50.0	54.3
	CORPORATE OWNERSHIP OR CONTROL	397	137	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	103	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	590	306	101.7	1 152.8	67.6	138.6	674.2	2 037.8	1 058.9	3 015.9	38.5	1 099.8	1 173.9
	NONCORPORATE, TOTAL	104	7	.6	5.3	.4	.8	3.7	11.1	5.1	16.0	.4	3.2	3.3
	INDIVIDUAL	50	4	.3	2.4	.2	.4	1.7	5.3	3.0	8.4	.1	1.8	1.7
	PARTNERSHIP	17	3	.2	1.7	.2	.3	1.3	3.5	1.2	4.5	.2	.7	.8
	OTHER AND UNKNOWN	37	-	.1	1.1	.1	.2	.7	2.3	.9	3.1	.1	.8	.8
3731	SHIP BUILDING AND REPAIRING													
	TOTAL	455	277	144.6	1 422.3	117.7	233.4	1 053.2	1 881.3	1 399.7	1 281.0	142.0	552.1	721.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	116	107	125.6	1 247.8	101.4	201.7	914.3	1 622.1	1 218.5	2 640.6	117.5	458.7	532.7
	CORPORATE OWNERSHIP OR CONTROL	114	106	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	339	170	19.0	174.5	16.2	31.8	138.8	259.3	181.2	440.4	24.5	93.5	188.7
	CORPORATE OWNERSHIP OR CONTROL	291	161	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	48	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	405	267	143.8	1 416.6	117.0	232.2	1 048.4	1 870.9	1 393.1	3 264.0	141.7	548.3	716.5
	NONCORPORATE, TOTAL	50	10	.7	5.7	.6	1.2	4.8	10.5	6.6	17.0	.3	3.8	4.8
	INDIVIDUAL	25	7	.6	4.3	.5	1.0	3.6	8.5	5.1	13.6	.2	3.4	4.3
	PARTNERSHIP	12	3	.1	1.1	.1	.2	.9	1.5	1.2	2.7	(Z)	.3	.4
	OTHER AND UNKNOWN	13	-	.1	.3	(Z)	.1	.2	.5	.2	.7	(Z)	.1	.1
3732	BOAT BUILDING AND REPAIRING													
	TOTAL	1 777	368	40.6	281.3	33.6	64.0	212.4	516.8	552.0	1 048.2	37.2	179.8	209.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	140	116	20.0	143.1	16.1	32.1	107.6	270.4	290.0	549.6	16.1	100.4	119.1
	CORPORATE OWNERSHIP OR CONTROL	140	116	20.0	143.1	16.1	32.1	107.6	270.4	290.0	549.6	16.1	100.4	119.1
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 637	252	20.7	138.2	17.6	31.9	104.8	246.4	262.0	498.6	21.0	79.4	90.7
	CORPORATE OWNERSHIP OR CONTROL	930	239	18.4	124.0	15.5	28.5	93.8	218.5	231.5	440.6	19.1	67.7	77.5
	NONCORPORATE OWNERSHIP	707	13	2.3	14.2	2.1	3.5	10.9	27.9	30.5	58.0	2.0	12.8	13.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 070	355	38.4	267.1	31.6	60.6	201.4	488.9	521.5	990.2	35.2	167.0	196.6
	NONCORPORATE, TOTAL	707	13	2.3	14.2	2.1	3.5	10.9	27.9	30.5	58.0	2.0	12.8	13.1
	INDIVIDUAL	393	6	1.2	7.3	1.0	1.8	5.6	15.5	16.2	31.5	1.1	7.7	7.8
	PARTNERSHIP	100	7	.6	3.6	.5	.9	2.8	6.5	8.0	14.4	.4	2.4	2.5
	OTHER AND UNKNOWN	214	-	.5	3.2	.5	.8	2.5	5.9	6.4	12.2	.5	2.7	2.8
3743	RAILROAD EQUIPMENT													
	TOTAL	163	103	50.8	529.1	38.4	72.7	371.9	1 113.3	1 341.2	2 446.2	55.3	468.3	459.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	84	77	49.1	514.8	37.1	70.4	361.9	1 086.3	1 313.5	2 392.6	54.4	460.6	450.4
	CORPORATE OWNERSHIP OR CONTROL	84	77	49.1	514.8	37.1	70.4	361.9	1 086.3	1 313.5	2 392.6	54.4	460.6	450.4
	NONCORPORATE OWNERSHIP	79	26	1.7	14.3	1.3	2.3	10.0	27.0	27.7	53.6	1.0	7.7	9.0
	SINGLE UNIT COMPANIES, TOTAL	65	26	1.6	13.9	1.3	2.2	9.7	26.1	26.8	51.8	.9	7.4	8.7
	CORPORATE OWNERSHIP OR CONTROL	14	-	.1	.4	.1	.1	.3	.9	.9	1.8	(Z)	.3	.3
	NONCORPORATE OWNERSHIP	14	-	.1	.4	.1	.1	.3	.9	.9	1.8	(Z)	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	149	103	50.8	528.7	38.4	72.6	371.6	1 112.4	1 340.3	2 444.4	55.3	468.0	459.0
	NONCORPORATE, TOTAL	14	-	.1	.4	.1	.1	.3	.9	.9	1.8	(Z)	.3	.3
	INDIVIDUAL	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	4	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	5	-	(Z)	.2	(Z)	(Z)	.2	.5	.3	.8	(Z)	.1	.1
3751	MOTORCYCLES, BICYCLES, AND PARTS													
	TOTAL	222	52	17.6	139.6	15.0	29.1	106.2	315.2	373.0	659.5	16.0	101.1	128.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	26	21	13.7	113.4	11.6	22.7	86.2	261.3	312.1	546.4	11.4	81.9	103.8
	CORPORATE OWNERSHIP OR CONTROL	25	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	196	31	3.9	26.2	3.4	6.4	20.0	53.9	60.9	113.0	4.5	19.3	25.0
	CORPORATE OWNERSHIP OR CONTROL	122	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	74	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	147	49	17.4	138.0	14.8	28.7	105.1	312.0	369.2	652.5	15.8	99.8	127.4
	NONCORPORATE, TOTAL	75	3	.2	1.6	.2	.3	1.1	3.2	3.8	7.0	.1	1.4	1.4
	INDIVIDUAL	36	3	.1	1.0	.1	.2	.7	2.1	2.4	4.5	.1	.8	.8
	PARTNERSHIP	14	-	(Z)	.3	(Z)	.1	.2	.5	.7	1.3	(Z)	.3	.3
	OTHER AND UNKNOWN	23	-	.1	.3	(Z)	.1	.2	.6	.7	1.3	(Z)	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3761	GUIDED MISSILES, SPACE VEHICLES													
	TOTAL	70	57	118.4	1 751.5	47.6	91.5	575.9	2 948.7	1 166.3	4 123.7	62.9	463.9	463.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	66	57	118.4	1 751.3	47.6	91.5	575.8	2 948.3	1 166.2	4 123.1	62.9	463.9	463.0
	CORPORATE OWNERSHIP OR CONTROL	66	57	118.4	1 751.3	47.6	91.5	575.8	2 948.3	1 166.2	4 123.1	62.9	463.9	463.0
	SINGLE UNIT COMPANIES, TOTAL	4	—	(2)	.2	(2)	.2	.1	.4	.2	.6	(2)	(2)	(2)
	CORPORATE OWNERSHIP OR CONTROL	3	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	1	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	69	57	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE, TOTAL	1	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	1	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3764	SPACE PROPULSION UNITS AND PARTS													
	TOTAL	29	28	20.8	276.2	8.1	17.3	87.6	506.6	220.7	716.3	18.4	164.1	174.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	23	23	20.6	274.5	8.0	17.1	86.5	503.7	219.1	711.8	(0)	163.2	173.3
	CORPORATE OWNERSHIP OR CONTROL	23	23	20.6	274.5	8.0	17.1	86.5	503.7	219.1	711.8	(0)	163.2	173.3
	SINGLE UNIT COMPANIES, TOTAL	6	5	.2	1.7	.1	.2	1.0	2.9	1.6	4.5	(0)	.9	.9
	CORPORATE OWNERSHIP OR CONTROL	6	5	.2	1.7	.1	.2	1.0	2.9	1.6	4.5	(0)	.9	.9
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	29	28	20.8	276.2	8.1	17.3	87.6	506.6	220.7	716.3	18.4	164.1	174.2
3769	SPACE VEHICLE EQUIPMENT, N.E.C.													
	TOTAL	48	39	20.9	289.3	7.9	16.9	83.3	513.9	266.3	786.2	11.0	80.4	91.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	34	32	20.4	282.6	7.5	16.1	79.7	505.1	263.0	776.7	10.8	78.9	89.1
	CORPORATE OWNERSHIP OR CONTROL	34	32	20.4	282.6	7.5	16.1	79.7	505.1	263.0	776.7	10.8	78.9	89.1
	SINGLE UNIT COMPANIES, TOTAL	14	7	.5	6.7	.3	.7	3.6	8.8	3.4	11.5	.3	1.4	2.1
	CORPORATE OWNERSHIP OR CONTROL	12	6	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	2	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	46	38	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE, TOTAL	2	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	PARTNERSHIP	1	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	1	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3792	TRAVEL TRAILERS AND CAMPERS													
	TOTAL	1 030	385	37.1	266.3	31.1	57.8	195.9	479.9	884.1	1 342.2	35.2	134.6	161.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	178	150	19.0	150.3	16.0	29.9	111.6	277.7	520.5	782.5	21.6	86.9	104.9
	CORPORATE OWNERSHIP OR CONTROL	176	150	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	2	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	SINGLE UNIT COMPANIES, TOTAL	852	235	18.1	116.0	15.1	27.9	84.3	202.2	363.6	559.7	13.6	47.8	56.9
	CORPORATE OWNERSHIP OR CONTROL	578	228	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	274	7	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	754	378	35.9	259.6	30.1	56.1	190.9	467.4	859.9	1 305.5	34.5	131.6	156.7
	NONCORPORATE, TOTAL	276	7	1.1	6.6	1.0	1.7	4.9	12.5	24.3	36.7	.7	3.0	3.0
	INDIVIDUAL	117	3	.5	2.8	.4	.6	2.1	5.0	9.4	14.3	.3	.9	.9
	PARTNERSHIP	75	4	.4	2.1	.3	.6	1.6	4.1	8.5	12.6	.2	1.1	1.1
	OTHER AND UNKNOWN	84	—	.3	1.8	.3	.5	1.3	3.4	6.3	9.7	.2	1.1	1.0
3795	TANKS AND TANK COMPONENTS													
	TOTAL	22	15	5.9	65.0	4.6	9.0	46.9	111.7	150.1	272.2	3.1	46.7	35.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	8	8	5.5	61.5	4.3	8.5	44.5	105.3	143.0	258.8	2.8	44.8	34.0
	CORPORATE OWNERSHIP OR CONTROL	8	8	5.5	61.5	4.3	8.5	44.5	105.3	143.0	258.8	2.8	44.8	34.0
	SINGLE UNIT COMPANIES, TOTAL	14	7	.4	3.5	.3	.6	2.4	6.4	7.1	13.4	.3	1.9	1.8
	CORPORATE OWNERSHIP OR CONTROL	12	6	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE OWNERSHIP	2	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	20	14	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	NONCORPORATE, TOTAL	2	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	PARTNERSHIP	1	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	OTHER AND UNKNOWN	1	—	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3799	TRANSPORTATION EQUIPMENT, N.E.C.													
	TOTAL	501	192	16.1	117.2	13.4	25.2	82.0	232.1	434.2	654.6	16.9	97.1	113.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	126	91	9.3	71.1	7.7	14.6	50.7	147.6	304.4	443.7	12.0	67.6	78.3
	CORPORATE OWNERSHIP OR CONTROL	124	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	375	101	6.8	46.1	5.7	10.5	31.3	84.5	129.8	210.9	4.9	29.4	35.2
	CORPORATE OWNERSHIP OR CONTROL	292	95	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	83	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	416	186	15.6	114.0	13.0	24.4	79.7	225.1	426.3	639.9	16.3	93.6	104.5
	NONCORPORATE, TOTAL	85	6	.5	3.2	.4	.8	2.3	7.0	8.0	14.7	.6	3.6	4.0
	INDIVIDUAL	41	5	.3	1.7	.2	.5	1.3	3.4	4.4	7.7	.1	2.3	2.2
	PARTNERSHIP	16	1	.1	.9	.1	.2	.5	2.4	1.6	3.7	.3	.7	1.2
	OTHER AND UNKNOWN	28	-	.1	.7	.1	.2	.5	1.2	2.0	3.2	.1	.6	.6
38	INSTRUMENTS, RELATED PRODUCTS													
	TOTAL	5 983	2 066	453.2	4 286.2	291.4	568.9	2 231.8	10 580.1	5 058.2	15 526.7	480.0	2 920.4	3 106.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	1 450	1 106	377.7	3 661.2	239.5	469.7	1 899.2	9 335.0	4 353.2	13 601.2	424.1	2 587.6	2 737.2
	CORPORATE OWNERSHIP OR CONTROL	1 435	1 101	377.0	3 654.5	239.0	468.8	1 896.1	9 322.7	4 346.0	13 581.5	423.9	2 583.9	2 733.4
	NONCORPORATE OWNERSHIP	14	5	.7	6.4	.4	.8	3.0	12.6	7.2	19.8	.2	3.7	3.8
	SINGLE UNIT COMPANIES, TOTAL	4 533	960	75.5	625.0	51.9	99.2	332.7	1 245.1	705.0	1 925.5	56.0	332.9	369.6
	CORPORATE OWNERSHIP OR CONTROL	3 686	943	72.7	605.5	49.7	95.6	321.1	1 194.4	676.6	1 846.3	53.9	318.8	355.5
	NONCORPORATE OWNERSHIP	847	17	2.8	19.5	2.2	3.7	11.6	50.7	28.4	79.2	2.1	14.1	14.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	5 122	2 044	449.7	4 260.3	288.7	564.4	2 217.2	10 517.1	5 022.6	15 427.8	477.8	2 902.7	3 088.9
	NONCORPORATE, TOTAL	861	22	3.5	25.9	2.6	4.5	14.6	63.3	35.6	98.9	2.3	17.7	17.9
	INDIVIDUAL	470	10	1.9	15.2	1.3	2.3	7.6	37.8	21.3	59.0	1.3	11.4	11.7
	PARTNERSHIP	144	12	.9	5.8	.8	1.4	4.1	14.9	8.8	23.7	.5	3.0	3.1
	OTHER AND UNKNOWN	247	-	.7	4.9	.5	.9	2.8	10.6	5.6	16.2	.4	3.2	3.2
3811	ENGINEERING, SCIENTIFIC INSTRUMENTS													
	TOTAL	743	266	37.4	365.4	22.6	44.0	185.9	680.9	354.6	1 042.0	19.0	264.6	262.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	168	124	27.5	277.4	16.4	32.0	142.8	515.3	263.1	786.6	13.5	212.4	207.0
	CORPORATE OWNERSHIP OR CONTROL	164	122	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	575	142	9.9	88.0	6.2	12.1	43.1	165.5	91.5	255.4	5.6	52.2	55.3
	CORPORATE OWNERSHIP OR CONTROL	497	139	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	78	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	661	261	36.8	360.1	22.2	43.4	183.6	669.0	346.9	1 022.4	18.9	260.5	258.1
	NONCORPORATE, TOTAL	82	5	.6	5.3	.4	.7	2.4	11.9	7.7	19.6	.2	4.0	4.1
	INDIVIDUAL	50	4	.5	4.7	.3	.5	2.0	10.3	6.7	16.9	.1	3.4	3.5
	PARTNERSHIP	12	1	.1	.4	.1	.1	.2	1.2	.8	2.0	(Z)	.4	.4
	OTHER AND UNKNOWN	20	-	(Z)	.3	(Z)	(Z)	.1	.4	.3	.7	(Z)	.2	.2
3822	ENVIRONMENTAL CONTROLS													
	TOTAL	131	62	30.7	253.6	23.3	44.5	166.4	511.8	223.8	728.1	17.1	132.4	141.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	43	40	28.7	240.3	21.8	41.7	158.7	485.6	208.5	686.8	16.2	125.9	134.3
	CORPORATE OWNERSHIP OR CONTROL	43	40	28.7	240.3	21.8	41.7	158.7	485.6	208.5	686.8	16.2	125.9	134.3
	SINGLE UNIT COMPANIES, TOTAL	88	22	2.0	13.2	1.5	2.8	7.7	26.2	15.4	41.3	.9	6.5	7.0
	CORPORATE OWNERSHIP OR CONTROL	75	22	1.9	13.0	1.4	2.8	7.5	25.5	15.1	40.4	.9	6.3	6.8
	NONCORPORATE OWNERSHIP	13	-	(Z)	.2	(Z)	(Z)	.1	.6	.3	.9	(Z)	.2	.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	118	62	30.6	253.3	23.3	44.5	166.2	511.2	223.5	727.2	17.1	132.1	141.1
	NONCORPORATE, TOTAL	13	-	(Z)	.2	(Z)	(Z)	.1	.6	.3	.9	(Z)	.2	.2
	INDIVIDUAL	6	-	(Z)	.1	(Z)	(Z)	.1	.3	.1	.4	(Z)	.1	.1
	PARTNERSHIP	3	-	(Z)	.1	(Z)	(Z)	(Z)	.3	.1	.4	(Z)	.1	.1
	OTHER AND UNKNOWN	4	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	(Z)	.1	(Z)	(Z)	(Z)
3823	PROCESS CONTROL INSTRUMENTS													
	TOTAL	192	133	38.8	391.1	18.8	37.9	151.1	632.3	271.1	906.9	29.7	262.3	281.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	86	76	35.1	356.1	16.4	33.5	133.3	564.8	242.3	811.5	27.3	245.7	262.4
	CORPORATE OWNERSHIP OR CONTROL	84	74	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	106	57	3.8	35.0	2.3	4.5	17.7	67.4	28.9	95.4	2.4	16.6	19.0
	CORPORATE OWNERSHIP OR CONTROL	103	56	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	187	130	38.5	388.5	18.6	37.5	149.6	626.6	269.1	899.2	29.6	261.3	285.4
	NONCORPORATE, TOTAL	5	3	.3	2.6	.2	.4	1.4	5.7	2.0	7.7	.1	1.0	1.0
	INDIVIDUAL	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OTHER AND UNKNOWN	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3824	FLUID METERS AND COUNTING DEVICES													
	TOTAL	61	43	8.8	76.6	5.9	11.7	42.8	181.2	108.1	286.2	7.2	74.3	66.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	33	29	8.1	70.1	5.4	10.7	38.8	168.4	102.1	267.8	6.9	71.0	63.3
	CORPORATE OWNERSHIP OR CONTROL	33	29	8.1	70.1	5.4	10.7	38.8	168.4	102.1	267.8	6.9	71.0	63.3
	SINGLE UNIT COMPANIES, TOTAL	28	14	7	6.5	5	1.0	4.0	12.8	6.0	18.4	3	2.4	2.9
	CORPORATE OWNERSHIP OR CONTROL	26	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	59	42	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE, TOTAL	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIVIDUAL	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3825	INSTRUMENTS TO MEASURE ELECTRICITY													
	TOTAL	632	252	52.9	506.7	33.6	67.0	251.3	1 019.3	505.1	1 493.5	37.7	344.8	370.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	158	129	41.4	404.9	26.1	52.3	204.6	827.9	407.8	1 212.4	28.6	289.9	304.6
	CORPORATE OWNERSHIP OR CONTROL	171	142	43.2	421.7	27.1	54.0	211.2	855.4	427.6	1 259.7	30.2	287.8	316.8
	SINGLE UNIT COMPANIES, TOTAL	474	123	11.5	101.8	7.4	14.7	46.7	191.4	97.2	281.1	9.0	55.2	65.4
	CORPORATE OWNERSHIP OR CONTROL	413	121	11.3	100.5	7.3	14.5	45.9	188.1	95.7	276.3	8.9	54.0	64.2
	NONCORPORATE OWNERSHIP	61	2	2	1.3	1	2	7	3.2	1.6	4.8	2	1.1	1.2
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	573	250	52.7	505.4	33.4	66.8	250.5	1 016.1	503.5	1 488.7	37.5	343.7	368.8
	NONCORPORATE, TOTAL	61	2	2	1.3	1	2	7	3.2	1.6	4.8	2	1.1	1.2
	INDIVIDUAL	41	2	1	1.8	1	2	5	2.3	1.1	3.3	1	1.8	1.8
	PARTNERSHIP	5	-	(Z)	1	(Z)	(Z)	(Z)	2	1	2	(Z)	1	1
	OTHER AND UNKNOWN	15	-	1	5	(Z)	1	3	8	4	1.2	(Z)	3	3
3829	MEASURING, CONTROLLING DEVICES, N.E.C.													
	TOTAL	595	153	21.6	208.5	12.9	25.6	102.4	379.5	207.3	577.7	13.1	154.5	164.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	105	72	16.2	160.0	9.5	19.3	78.6	282.4	158.1	433.3	9.4	123.7	132.5
	CORPORATE OWNERSHIP OR CONTROL	105	72	16.2	160.0	9.5	19.3	78.6	282.4	158.1	433.3	9.4	123.7	132.5
	SINGLE UNIT COMPANIES, TOTAL	490	81	5.4	48.5	3.4	6.3	23.7	97.2	49.3	144.4	3.7	30.9	32.4
	CORPORATE OWNERSHIP OR CONTROL	418	80	5.3	47.2	3.3	6.1	23.1	93.6	47.5	139.0	3.5	29.5	31.1
	NONCORPORATE OWNERSHIP	72	1	2	1.3	1	2	7	3.6	1.8	5.4	2	1.3	1.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	523	152	21.4	207.2	12.7	25.4	101.7	375.9	205.6	572.3	12.9	153.2	163.6
	NONCORPORATE, TOTAL	72	1	2	1.3	1	2	7	3.6	1.8	5.4	2	1.3	1.3
	INDIVIDUAL	36	-	1	5	1	1	3	2.0	1	2.9	1	1.8	1.8
	PARTNERSHIP	15	1	(Z)	3	(Z)	(Z)	1	7	4	1.1	(Z)	1	1
	OTHER AND UNKNOWN	21	-	1	5	(Z)	1	3	9	5	1.3	1	3	3
3832	OPTICAL INSTRUMENTS AND LENSES													
	TOTAL	494	146	18.8	193.3	10.4	20.6	85.1	384.3	175.4	538.4	12.7	137.7	156.2
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	92	75	13.3	141.6	6.9	14.0	59.1	289.4	125.2	394.0	8.7	114.1	130.5
	CORPORATE OWNERSHIP OR CONTROL	92	75	13.3	141.6	6.9	14.0	59.1	289.4	125.2	394.0	8.7	114.1	130.5
	SINGLE UNIT COMPANIES, TOTAL	402	71	5.5	51.7	3.5	6.7	26.1	94.9	50.2	144.4	4.0	23.7	25.7
	CORPORATE OWNERSHIP OR CONTROL	341	70	5.3	50.0	3.3	6.4	24.9	90.7	48.5	138.4	3.9	22.6	24.6
	NONCORPORATE OWNERSHIP	61	1	2	1.8	2	3	1.2	4.2	1.8	6.0	1	1.1	1.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	433	145	18.6	191.6	10.2	20.3	83.9	380.1	173.7	532.4	12.6	136.6	155.1
	NONCORPORATE, TOTAL	61	1	2	1.8	2	3	1.2	4.2	1.8	6.0	1	1.1	1.1
	INDIVIDUAL	26	-	1	7	1	1	4	1.9	1	2.6	1	1.5	1.5
	PARTNERSHIP	17	1	1	6	1	1	5	1.3	1	2.0	(Z)	3	3
	OTHER AND UNKNOWN	18	-	1	5	1	1	3	1.0	4	1.4	(Z)	3	3
3841	SURGICAL AND MEDICAL INSTRUMENTS													
	TOTAL	506	199	34.5	282.4	24.3	48.0	161.1	630.0	347.9	961.8	42.0	187.0	203.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	142	111	26.8	217.9	18.8	37.0	123.5	496.5	273.4	756.7	32.4	155.6	167.4
	CORPORATE OWNERSHIP OR CONTROL	141	111	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	364	88	7.7	64.5	5.6	11.0	37.6	133.5	74.5	205.1	9.6	31.4	36.2
	CORPORATE OWNERSHIP OR CONTROL	318	88	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	46	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	459	199	34.4	281.6	24.3	47.8	160.7	628.1	347.0	959.0	41.9	186.5	203.1
	NONCORPORATE, TOTAL	47	-	1	8	1	1	4	1.9	1	2.8	1	1.5	1.5
	INDIVIDUAL	26	-	1	5	(Z)	1	2	1.1	1	1.6	1	1.3	1.3
	PARTNERSHIP	5	-	(Z)	1	(Z)	(Z)	1	4	1	1.5	(Z)	1	1
	OTHER AND UNKNOWN	16	-	(Z)	2	(Z)	(Z)	1	5	3	1.8	(Z)	2	2

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3842	SURGICAL APPLIANCES AND SUPPLIES													
	TOTAL	872	256	43.9	365.3	29.8	58.1	197.8	929.0	535.2	1 453.5	47.5	243.2	265.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	207	141	35.7	305.7	23.7	46.5	163.3	805.9	457.9	1 254.4	42.2	215.4	235.7
	CORPORATE OWNERSHIP OR CONTROL . .	202	140	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	5	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	665	115	8.3	59.5	6.2	11.7	34.5	123.1	77.3	199.1	5.3	27.7	30.0
	CORPORATE OWNERSHIP OR CONTROL . .	461	111	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	204	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	663	251	43.0	359.3	29.1	56.8	194.1	914.0	525.0	1 428.2	47.0	239.5	261.9
	NONCORPORATE, TOTAL	209	5	.9	6.0	.8	1.3	3.7	15.1	10.3	25.3	.5	3.7	3.7
	INDIVIDUAL	114	1	.4	2.5	.3	.5	1.4	7.1	3.7	10.8	.3	2.0	2.0
	PARTNERSHIP	35	4	.4	2.2	.3	.6	1.5	5.2	4.8	10.0	.2	1.0	1.0
	OTHER AND UNKNOWN	60	-	.2	1.3	.2	.3	.8	2.8	1.7	4.5	.1	.7	.7
3843	DENTAL EQUIPMENT AND SUPPLIES													
	TOTAL	429	107	12.4	110.0	8.5	16.6	58.3	262.3	159.8	409.2	14.9	81.7	91.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	84	58	8.8	82.3	5.9	11.8	42.4	202.1	127.9	318.0	12.6	69.8	78.0
	CORPORATE OWNERSHIP OR CONTROL . .	84	58	8.8	82.3	5.9	11.8	42.4	202.1	127.9	318.0	12.6	69.8	78.0
	SINGLE UNIT COMPANIES, TOTAL	345	49	3.5	27.7	2.6	4.8	15.9	60.2	31.9	91.1	2.3	12.0	13.9
	CORPORATE OWNERSHIP OR CONTROL . .	246	48	3.3	26.2	2.4	4.5	14.9	55.5	29.5	84.0	2.2	10.6	12.4
	NONCORPORATE OWNERSHIP	99	1	.2	1.5	.2	.3	1.0	4.8	2.4	7.2	.1	1.4	1.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	330	106	12.1	104.5	8.3	16.3	57.3	257.5	157.4	402.0	14.8	80.3	90.4
	NONCORPORATE, TOTAL	99	1	.2	1.5	.2	.3	1.0	4.8	2.4	7.2	.1	1.4	1.4
	INDIVIDUAL	62	-	.1	.8	.1	.2	.5	3.0	1.5	4.5	.1	.9	.9
	PARTNERSHIP	10	1	.1	.4	(Z)	.1	.3	1.1	.4	1.5	(Z)	.2	.2
	OTHER AND UNKNOWN	27	-	.1	.3	(Z)	.1	.2	.7	.4	1.2	(Z)	.3	.3
3851	OPHTHALMIC GOODS													
	TOTAL	499	125	26.6	183.4	20.5	39.8	129.9	416.3	180.1	568.3	17.4	134.3	160.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	105	62	20.1	141.3	15.3	29.9	102.1	330.4	130.4	434.7	13.7	113.8	137.1
	CORPORATE OWNERSHIP OR CONTROL . .	105	62	20.1	141.3	15.3	29.9	102.1	330.4	130.4	434.7	13.7	113.8	137.1
	SINGLE UNIT COMPANIES, TOTAL	394	63	6.6	42.0	5.3	9.9	27.8	85.9	49.7	133.6	3.7	20.5	22.9
	CORPORATE OWNERSHIP OR CONTROL . .	300	62	6.2	40.3	5.0	9.5	26.5	81.5	47.8	127.2	3.4	19.1	21.4
	NONCORPORATE OWNERSHIP	94	1	.3	1.7	.3	.4	1.3	4.4	1.9	6.3	.2	1.5	1.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	405	124	26.3	181.6	20.3	39.3	128.6	411.9	178.2	562.0	17.1	132.8	158.5
	NONCORPORATE, TOTAL	94	1	.3	1.7	.3	.4	1.3	4.4	1.9	6.3	.2	1.5	1.5
	INDIVIDUAL	57	-	.2	1.1	.2	.3	.8	3.0	1.4	4.4	.2	1.0	1.0
	PARTNERSHIP	14	1	.1	.3	.1	.1	.2	.7	.2	.9	(Z)	.2	.2
	OTHER AND UNKNOWN	23	-	.1	.3	(Z)	.1	.2	.7	.3	1.0	(Z)	.2	.2
3861	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES													
	TOTAL	627	225	96.0	1 119.7	56.0	107.0	545.8	4 087.9	1 487.9	5 623.9	202.9	720.6	751.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	163	133	88.7	1 057.7	51.1	97.9	513.5	3 949.0	1 407.3	5 406.1	196.1	685.9	713.9
	CORPORATE OWNERSHIP OR CONTROL . .	161	133	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	464	92	7.4	62.0	4.8	9.1	32.4	138.9	80.6	217.8	6.8	34.8	37.3
	CORPORATE OWNERSHIP OR CONTROL . .	389	91	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	75	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	550	224	95.8	1 117.6	55.9	106.8	545.0	4 082.5	1 484.9	5 615.5	202.6	719.4	749.9
	NONCORPORATE, TOTAL	77	1	.2	2.1	.1	.2	.9	5.4	3.0	8.5	.3	1.2	1.2
	INDIVIDUAL	33	1	.1	1.1	(Z)	.1	.3	2.5	2.0	4.5	.2	.6	.6
	PARTNERSHIP	16	-	(Z)	.4	(Z)	(Z)	.3	1.2	.4	1.5	.1	.2	.2
	OTHER AND UNKNOWN	28	-	.1	.6	(Z)	.1	.3	1.8	.6	2.4	.1	.4	.4
3873	WATCHES, CLOCKS, AND WATCHCASES													
	TOTAL	202	99	30.8	230.3	24.7	47.6	153.8	466.0	482.0	937.2	18.8	183.0	187.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	64	56	27.5	205.9	22.1	42.8	138.2	418.0	429.4	838.8	16.4	163.8	165.2
	CORPORATE OWNERSHIP OR CONTROL . .	64	56	27.5	205.9	22.1	42.8	138.2	418.0	429.4	838.8	16.4	163.8	165.2
	SINGLE UNIT COMPANIES, TOTAL	138	43	3.3	24.4	2.6	4.8	15.5	48.0	52.5	98.4	2.4	19.2	21.9
	CORPORATE OWNERSHIP OR CONTROL . .	99	42	3.1	23.6	2.4	4.6	14.9	46.0	50.8	94.7	2.4	18.6	21.3
	NONCORPORATE OWNERSHIP	39	1	.1	.9	.1	.2	.6	2.0	1.8	3.8	.1	.7	.7
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	163	98	30.7	229.4	24.6	47.4	153.2	463.9	480.2	933.4	18.7	182.3	186.4
	NONCORPORATE, TOTAL	39	1	.1	.9	.1	.2	.6	2.0	1.8	3.8	.1	.7	.7
	INDIVIDUAL	16	-	(Z)	.3	(Z)	.1	.2	.6	.6	1.2	(Z)	.3	.3
	PARTNERSHIP	10	1	.1	.3	(Z)	.1	.3	.8	.5	1.3	(Z)	.1	.1
	OTHER AND UNKNOWN	13	-	(Z)	.3	(Z)	.1	.2	.6	.6	1.2	(Z)	.3	.3

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end-of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
39	MISCELLANEOUS MANUFACTURING INDUSTRIES													
	TOTAL	15 187	3 754	445.6	3 179.8	349.1	660.9	2 084.4	6 768.7	5 554.3	12 173.2	313.6	2 102.9	2 259.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	1 524	1 200	240.2	1 802.6	184.2	361.9	1 186.0	4 054.7	3 296.6	7 237.3	198.3	1 391.9	1 500.0
	CORPORATE OWNERSHIP OR CONTROL	1 497	1 190	239.6	1 799.8	183.8	361.0	1 184.1	4 049.8	3 292.7	7 228.6	198.2	1 390.5	1 498.7
	NONCORPORATE OWNERSHIP	27	10	.7	2.8	.6	.9	1.8	4.9	3.9	8.7	.1	1.4	1.3
	SINGLE UNIT COMPANIES, TOTAL	13 663	2 554	205.3	1 381.9	164.9	299.0	898.4	2 713.9	2 257.7	4 935.9	115.3	711.0	759.6
	CORPORATE OWNERSHIP OR CONTROL	8 934	2 433	187.6	1 274.3	149.6	272.5	822.9	2 457.5	2 047.3	4 466.7	105.3	637.2	689.1
	NONCORPORATE OWNERSHIP	4 729	121	17.7	107.6	15.3	26.5	75.5	256.4	210.4	469.2	10.0	73.8	70.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	10 431	3 623	427.2	3 074.1	333.2	633.5	2 007.0	6 507.4	5 340.0	11 695.3	303.5	2 027.8	2 187.9
	NONCORPORATE, TOTAL	4 756	131	18.4	110.4	15.9	27.4	77.4	261.3	214.3	477.9	10.1	75.0	71.7
	INDIVIDUAL	2 397	63	8.8	51.5	7.6	12.9	35.9	127.0	98.2	226.2	5.5	35.8	34.3
	PARTNERSHIP	1 014	68	6.1	37.2	5.2	9.4	26.9	86.8	79.8	166.1	2.7	25.7	23.7
	OTHER AND UNKNOWN	1 345	-	3.5	21.6	3.0	5.1	14.5	47.5	36.3	83.7	1.9	13.4	13.7
3911	JEWELRY, PRECIOUS METAL													
	TOTAL	1 524	315	32.6	267.2	23.8	44.6	155.6	536.0	612.1	1 124.6	10.3	259.7	288.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	89	60	11.7	100.8	7.7	15.3	51.5	204.2	253.2	444.6	3.9	138.5	152.9
	CORPORATE OWNERSHIP OR CONTROL	86	60	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	1 435	255	21.0	166.4	16.1	29.3	104.3	331.8	358.8	680.0	6.4	121.2	135.8
	CORPORATE OWNERSHIP OR CONTROL	948	246	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	487	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 034	306	30.9	255.3	22.4	42.1	147.8	503.2	573.9	1 053.8	9.8	243.4	272.1
	NONCORPORATE, TOTAL	490	9	1.7	11.9	1.4	2.4	8.1	32.8	38.1	70.7	.5	16.1	16.6
	INDIVIDUAL	261	-	.7	5.1	.6	1.0	3.4	14.9	17.4	32.2	.2	7.7	7.9
	PARTNERSHIP	99	9	.6	4.2	.5	.9	3.0	12.3	14.2	26.5	.2	5.6	5.8
	OTHER AND UNKNOWN	130	-	.3	2.6	.3	.5	1.6	5.5	6.6	12.0	.1	2.9	2.9
3914	SILVERWARE AND PLATED WARE													
	TOTAL	205	71	12.6	101.7	9.7	19.3	73.7	198.5	174.3	364.7	6.3	98.1	102.4
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	39	34	9.2	77.2	7.1	14.3	57.0	152.8	143.0	288.5	5.2	85.6	89.7
	CORPORATE OWNERSHIP OR CONTROL	39	34	9.2	77.2	7.1	14.3	57.0	152.8	143.0	288.5	5.2	85.6	89.7
	NONCORPORATE OWNERSHIP	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	166	37	3.4	24.4	2.6	5.0	16.7	45.7	31.3	76.2	4.6	15.2	15.7
	CORPORATE OWNERSHIP OR CONTROL	112	35	3.2	22.9	2.5	4.6	15.5	42.2	28.1	69.5	4.5	13.7	14.2
	NONCORPORATE OWNERSHIP	54	2	.2	1.5	.2	.3	1.2	3.5	3.2	6.6	.1	1.5	1.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	151	69	12.3	100.2	9.6	19.0	72.5	195.0	171.1	358.1	6.2	99.3	100.9
	NONCORPORATE, TOTAL	54	2	.2	1.5	.2	.3	1.2	3.5	3.2	6.6	.1	1.5	1.5
	INDIVIDUAL	28	-	(Z)	.3	(Z)	.1	.3	.9	.7	1.7	.1	.4	.4
	PARTNERSHIP	8	2	.1	.9	.1	.2	.8	2.1	2.0	4.1	(Z)	.8	.8
	OTHER AND UNKNOWN	18	-	(Z)	.2	(Z)	.1	.2	.5	.4	.9	(Z)	.2	.2
3915	JEWELERS MATERIALS, LAPIDARY WORK													
	TOTAL	567	87	8.0	55.7	6.7	12.5	36.3	116.4	216.4	323.3	5.3	51.3	62.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	25	18	1.9	14.0	1.5	3.0	9.3	24.1	59.3	81.5	1.1	15.9	18.1
	CORPORATE OWNERSHIP OR CONTROL	24	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	542	69	6.1	41.6	5.2	9.5	27.0	92.3	157.0	241.8	4.2	35.5	44.0
	CORPORATE OWNERSHIP OR CONTROL	349	63	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	193	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	373	81	7.2	51.3	6.0	11.2	33.1	106.6	199.4	296.6	4.7	47.5	58.1
	NONCORPORATE, TOTAL	194	6	.8	4.4	.7	1.3	3.2	9.7	17.0	26.7	.5	3.8	4.0
	INDIVIDUAL	111	3	.4	2.1	.4	.6	1.5	4.7	7.0	11.8	.3	2.2	2.1
	PARTNERSHIP	37	3	.3	1.6	.2	.5	1.2	3.8	8.3	11.9	.2	1.1	1.4
	OTHER AND UNKNOWN	46	-	.1	.7	.1	.2	.5	1.3	1.7	3.0	.1	.5	.5
3931	MUSICAL INSTRUMENTS													
	TOTAL	344	111	24.5	173.4	19.7	38.3	123.9	339.3	296.6	617.5	10.6	134.5	151.6
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	70	59	20.0	142.3	15.9	31.5	101.8	280.8	261.7	526.8	8.6	117.1	133.4
	CORPORATE OWNERSHIP OR CONTROL	69	59	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	274	52	4.5	31.1	3.8	6.8	22.1	58.5	34.9	90.7	2.1	17.3	18.3
	CORPORATE OWNERSHIP OR CONTROL	184	49	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	90	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	253	108	24.2	171.5	19.4	37.9	122.5	335.3	293.2	610.1	10.4	132.8	150.0
	NONCORPORATE, TOTAL	91	3	.3	1.9	.3	.4	1.4	4.0	3.4	7.4	.2	1.6	1.7
	INDIVIDUAL	43	1	.1	.8	.1	.2	.6	2.0	1.7	3.7	.1	.8	.8
	PARTNERSHIP	19	2	.1	.5	.1	.1	.3	.9	.6	1.5	.1	.3	.3
	OTHER AND UNKNOWN	29	-	.1	.6	.1	.2	.4	1.1	1.0	2.1	.1	.5	.6

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3942	DOLLS													
	TOTAL	243	105	10.2	54.0	9.0	16.2	38.6	98.3	101.5	199.1	1.7	29.0	30.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	22	13	2.8	16.0	2.5	5.0	11.7	25.4	30.2	56.0	.5	10.7	10.8
	CORPORATE OWNERSHIP OR CONTROL	22	13	2.6	16.0	2.5	5.0	11.7	25.4	30.2	56.0	.5	10.7	10.8
	SINGLE UNIT COMPANIES, TOTAL	221	87	7.4	38.0	6.5	11.1	26.9	72.9	71.3	143.1	1.3	18.2	20.1
	CORPORATE OWNERSHIP OR CONTROL	163	80	6.8	35.0	5.9	10.2	24.8	67.8	66.4	133.1	1.2	17.0	19.7
	NONCORPORATE OWNERSHIP	58	7	.6	3.0	.6	.9	2.1	5.1	5.0	10.0	.1	1.2	1.4
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	185	93	9.6	51.0	8.4	15.3	36.5	93.2	96.5	189.1	1.7	27.7	29.5
	NONCORPORATE, TOTAL	58	7	.6	3.0	.6	.9	2.1	5.1	5.0	10.0	.1	1.2	1.4
	INDIVIDUAL	27	5	.2	.9	.2	.3	.7	1.5	1.2	2.7	(Z)	.2	.2
	PARTNERSHIP	10	2	.3	1.7	.3	.5	1.1	3.0	3.2	6.1	.1	1.1	1.1
	OTHER AND UNKNOWN	15	-	.1	.4	.1	.1	.3	.6	.5	1.2	(Z)	.1	.1
3944	GAMES, TOYS, CHILDREN'S VEHICLES													
	TOTAL	664	284	61.5	421.0	48.3	91.9	269.1	980.6	761.7	1 734.3	72.7	289.7	295.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	135	122	46.5	331.9	35.8	69.3	211.2	797.3	602.4	1 385.6	57.9	226.0	237.1
	CORPORATE OWNERSHIP OR CONTROL	134	122	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	529	162	14.9	89.0	12.6	22.6	57.9	183.3	159.3	348.7	14.8	63.8	58.0
	CORPORATE OWNERSHIP OR CONTROL	415	155	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	114	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	549	277	61.0	418.1	47.9	91.1	267.1	972.0	752.6	1 716.7	72.3	287.6	293.0
	NONCORPORATE, TOTAL	115	7	.5	2.9	.4	.8	2.0	8.5	9.1	17.5	.4	2.1	2.1
	INDIVIDUAL	61	5	.3	1.6	.3	.5	1.2	3.6	3.1	6.7	.2	.8	.8
	PARTNERSHIP	28	2	.2	1.0	.1	.2	.6	3.2	4.7	7.9	.1	.8	.8
	OTHER AND UNKNOWN	26	-	.1	.3	(Z)	.1	.2	1.7	1.3	3.0	.1	.5	.5
3949	SPORTING AND ATHLETIC GOODS, N.E.C.													
	TOTAL	1 553	463	61.0	405.9	49.1	93.5	291.7	920.4	843.6	1 729.2	46.7	346.7	377.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	253	213	40.0	284.0	32.1	62.6	209.9	642.8	618.1	1 234.4	32.7	254.3	275.8
	CORPORATE OWNERSHIP OR CONTROL	249	211	40.0	283.5	32.0	62.5	209.6	641.6	617.3	1 232.4	32.7	254.0	275.5
	NONCORPORATE OWNERSHIP	4	2	.1	.5	.1	.1	.4	1.2	.8	2.0	(Z)	.3	.3
	SINGLE UNIT COMPANIES, TOTAL	1 300	250	21.0	121.9	17.1	30.9	81.8	277.5	225.5	494.8	14.0	92.4	102.2
	CORPORATE OWNERSHIP OR CONTROL	901	241	19.8	115.4	16.0	29.0	77.3	261.4	213.1	466.3	13.3	85.8	95.6
	NONCORPORATE OWNERSHIP	399	9	1.2	6.1	1.1	1.9	4.4	16.1	12.4	28.6	.7	6.6	6.6
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	1 150	452	59.8	399.3	48.0	91.5	286.9	903.0	830.4	1 699.6	46.0	339.8	371.0
	NONCORPORATE, TOTAL	403	11	1.3	6.6	1.1	2.0	4.8	17.4	13.2	30.6	.7	6.9	6.9
	INDIVIDUAL	228	7	.7	3.9	.7	1.2	2.8	11.3	8.2	19.5	.4	4.3	4.3
	PARTNERSHIP	70	4	.3	1.5	.3	.5	1.1	3.2	2.8	6.0	.1	1.4	1.4
	OTHER AND UNKNOWN	107	-	.2	1.3	.2	.4	.9	2.9	2.2	5.1	.2	1.2	1.1
3951	PENS AND MECHANICAL PENCILS													
	TOTAL	117	64	10.9	81.9	8.5	16.4	52.6	213.7	104.9	310.5	7.6	48.5	56.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	26	26	6.9	53.5	5.3	10.2	33.0	137.7	69.4	190.3	4.4	33.1	40.0
	CORPORATE OWNERSHIP OR CONTROL	26	26	6.9	53.5	5.3	10.2	33.0	137.7	69.4	190.3	4.4	33.1	40.0
	SINGLE UNIT COMPANIES, TOTAL	89	38	3.9	28.4	3.2	6.1	19.6	76.0	35.5	111.2	3.2	15.4	16.8
	CORPORATE OWNERSHIP OR CONTROL	77	37	3.9	27.9	3.2	6.0	19.3	74.7	35.0	109.3	3.2	15.1	16.5
	NONCORPORATE OWNERSHIP	12	1	.1	.5	.1	.1	.3	1.3	.5	1.9	.1	.3	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	105	63	10.8	81.4	8.4	16.3	52.3	212.4	104.4	308.7	7.6	48.1	56.5
	NONCORPORATE, TOTAL	12	1	.1	.5	.1	.1	.3	1.3	.5	1.9	.1	.3	.3
	INDIVIDUAL	4	-	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	(Z)	.1	.1
	PARTNERSHIP	3	1	.1	.3	(Z)	.1	.2	.9	.4	1.3	(Z)	.2	.2
	OTHER AND UNKNOWN	5	-	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.2	(Z)	(Z)	(Z)
3952	LEAD PENCILS AND ART GOODS													
	TOTAL	144	49	7.1	50.0	5.1	10.4	28.6	108.2	90.8	198.8	3.9	42.3	43.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	31	25	5.3	30.5	3.8	7.9	22.0	87.2	68.4	155.8	2.9	33.7	34.4
	CORPORATE OWNERSHIP OR CONTROL	30	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	113	24	1.7	10.5	1.4	2.6	6.6	21.0	22.3	43.0	1.0	8.6	9.5
	CORPORATE OWNERSHIP OR CONTROL	72	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	41	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	102	43	6.9	40.1	5.0	10.2	28.0	105.2	88.3	193.4	3.8	41.2	42.8
	NONCORPORATE, TOTAL	42	1	.2	1.0	.1	.2	.6	3.0	2.4	5.4	.1	1.1	1.1
	INDIVIDUAL	19	-	.1	.4	.1	.1	.3	1.4	1.0	2.4	(Z)	.5	.5
	PARTNERSHIP	10	1	.1	.3	(Z)	.1	.2	1.2	1.0	2.2	(Z)	.4	.4
	OTHER AND UNKNOWN	13	-	(Z)	.2	(Z)	.1	.1	.4	.4	.8	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)					(million dollars)	(million dollars)
3953	MARKING DEVICES													
	TOTAL	621	99	8.1	63.2	5.5	10.7	36.0	121.5	60.1	180.0	2.6	18.7	21.1
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	62	38	3.2	27.1	2.0	4.2	14.6	53.3	29.5	81.1	1.0	9.5	11.8
	CORPORATE OWNERSHIP OR CONTROL	62	38	3.2	27.1	2.0	4.2	14.6	53.3	29.5	81.1	1.0	9.5	11.8
	SINGLE UNIT COMPANIES, TOTAL	559	61	4.9	36.1	3.4	6.5	21.4	68.3	30.6	98.8	1.6	9.2	9.3
	CORPORATE OWNERSHIP OR CONTROL	301	57	4.1	31.2	2.8	5.4	18.3	55.1	24.0	79.0	1.3	7.2	7.2
	NONCORPORATE OWNERSHIP	258	4	.8	4.9	.6	1.1	3.1	13.1	6.6	19.8	.3	2.1	2.1
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	363	95	7.3	58.3	4.8	9.6	32.9	108.4	53.5	160.2	2.3	16.6	19.0
	NONCORPORATE, TOTAL	258	4	.8	4.9	.6	1.1	3.1	13.1	6.6	19.8	.3	2.1	2.1
	INDIVIDUAL	146	1	.5	2.9	.4	.6	1.8	8.3	4.2	12.5	.2	1.3	1.3
	PARTNERSHIP	46	3	.2	1.1	.1	.2	.7	2.8	1.4	4.2	(Z)	.4	.4
	OTHER AND UNKNOWN	66	-	.1	.9	.1	.2	.5	2.1	1.1	3.2	(Z)	.4	.4
3955	CARBON PAPER AND INKED RIBBONS													
	TOTAL	84	52	5.7	49.1	3.8	7.8	27.9	113.4	123.4	237.5	5.7	35.0	36.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	40	35	4.6	39.7	3.0	6.2	22.5	91.1	102.8	194.9	4.9	31.4	32.3
	CORPORATE OWNERSHIP OR CONTROL	40	35	4.6	39.7	3.0	6.2	22.5	91.1	102.8	194.9	4.9	31.4	32.3
	SINGLE UNIT COMPANIES, TOTAL	44	17	1.1	9.4	.9	1.6	5.4	22.3	20.6	42.6	.9	3.7	4.4
	CORPORATE OWNERSHIP OR CONTROL	37	17	1.1	9.0	.8	1.5	5.1	21.4	19.5	40.6	.8	3.5	4.1
	NONCORPORATE OWNERSHIP	7	-	(Z)	.4	(Z)	.1	.3	.9	1.0	1.9	(Z)	.2	.3
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	77	52	5.6	48.7	3.8	7.8	27.6	112.6	122.3	235.5	5.7	34.8	36.4
	NONCORPORATE, TOTAL	7	-	(Z)	.4	(Z)	.1	.3	.9	1.0	1.9	(Z)	.2	.3
	INDIVIDUAL	3	-	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1	.3	(Z)	(Z)	(Z)
	OTHER AND UNKNOWN	4	-	(Z)	.4	(Z)	.1	.3	.8	.9	1.7	(Z)	.2	.3
3961	COSTUME JEWELRY													
	TOTAL	766	208	21.4	132.1	17.6	32.1	82.2	275.7	198.2	471.6	6.7	66.7	67.8
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	31	28	6.8	47.9	5.5	10.7	27.7	104.7	65.9	169.8	1.5	32.7	31.6
	CORPORATE OWNERSHIP OR CONTROL	31	28	6.8	47.9	5.5	10.7	27.7	104.7	65.9	169.8	1.5	32.7	31.6
	SINGLE UNIT COMPANIES, TOTAL	735	180	14.6	84.2	12.1	21.4	54.5	171.0	132.3	301.8	5.2	34.0	36.2
	CORPORATE OWNERSHIP OR CONTROL	504	168	13.3	77.4	11.0	19.5	49.4	149.2	120.2	267.9	4.7	30.5	32.7
	NONCORPORATE OWNERSHIP	231	12	1.2	6.8	1.1	2.0	5.1	21.8	12.1	33.9	.5	3.5	3.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	535	196	20.1	125.3	16.5	30.1	77.1	254.0	186.1	437.7	6.2	63.2	64.2
	NONCORPORATE, TOTAL	231	12	1.2	6.8	1.1	2.0	5.1	21.8	12.1	33.9	.5	3.5	3.5
	INDIVIDUAL	122	7	.6	3.1	.5	.9	2.2	10.8	4.9	15.7	.2	1.4	1.4
	PARTNERSHIP	50	5	.5	2.8	.5	.9	2.3	8.8	5.9	14.7	.2	1.6	1.5
	OTHER AND UNKNOWN	59	-	.2	.9	.1	.3	.6	2.2	1.3	3.4	.1	.6	.6
3962	ARTIFICIAL FLOWERS													
	TOTAL	263	53	4.8	26.7	4.2	7.3	18.0	57.5	52.0	108.7	3.3	19.5	21.3
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	14	12	1.7	9.3	1.5	2.6	6.9	21.3	19.5	40.1	1.1	8.1	8.9
	CORPORATE OWNERSHIP OR CONTROL	12	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	249	41	3.1	17.4	2.7	4.7	11.1	36.2	32.6	68.6	2.2	11.3	12.4
	CORPORATE OWNERSHIP OR CONTROL	147	39	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	102	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	159	51	4.4	24.6	3.8	6.7	16.6	52.5	47.0	98.7	2.2	17.7	19.4
	NONCORPORATE, TOTAL	104	2	.4	2.1	.4	.6	1.3	5.1	5.0	10.0	1.1	1.7	1.9
	INDIVIDUAL	54	-	.2	.9	.2	.3	.6	2.3	1.9	4.2	1.0	.7	.7
	PARTNERSHIP	12	2	.1	.7	.1	.2	.4	1.6	2.3	3.8	.1	.7	.8
	OTHER AND UNKNOWN	36	-	.1	.5	.1	.2	.3	1.1	.9	2.0	.1	.3	.3
3963	BUTTONS													
	TOTAL	186	51	4.0	26.7	3.2	6.0	17.6	51.8	42.8	93.7	2.3	12.1	12.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	21	19	1.5	11.2	1.1	2.3	7.3	21.7	17.5	39.4	.9	5.8	5.7
	CORPORATE OWNERSHIP OR CONTROL	21	19	1.5	11.2	1.1	2.3	7.3	21.7	17.5	39.4	.9	5.8	5.7
	SINGLE UNIT COMPANIES, TOTAL	165	32	2.6	15.5	2.1	3.8	10.3	30.1	25.3	54.3	1.4	6.3	6.9
	CORPORATE OWNERSHIP OR CONTROL	105	30	2.3	13.9	1.9	3.3	9.2	26.5	22.5	47.9	1.4	5.7	6.4
	NONCORPORATE OWNERSHIP	60	2	.3	1.6	.3	.5	1.2	3.6	2.8	6.4	.1	.5	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	126	49	3.8	25.1	3.0	5.6	16.4	48.2	40.0	87.3	2.3	11.6	12.1
	NONCORPORATE, TOTAL	60	2	.3	1.6	.3	.5	1.2	3.6	2.8	6.4	.1	.5	.5
	INDIVIDUAL	27	1	.1	.8	.1	.2	.6	1.7	1.3	2.9	(Z)	.3	.3
	PARTNERSHIP	18	1	.1	.6	.1	.2	.5	1.4	1.1	2.5	(Z)	.2	.2
	OTHER AND UNKNOWN	15	-	(Z)	.2	(Z)	.1	.1	.6	.4	1.0	(Z)	.1	.1

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3954	NEEDLES, PINS, AND FASTENERS													
	TOTAL	267	125	20.2	137.7	16.1	32.0	94.6	334.5	240.1	574.7	21.2	93.2	94.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	58	57	15.2	104.6	11.9	23.6	72.3	268.5	177.4	447.5	15.8	77.7	76.8
	CORPORATE OWNERSHIP OR CONTROL	58	57	15.2	104.6	11.9	23.6	72.3	268.5	177.4	447.5	15.8	77.7	76.8
	SINGLE UNIT COMPANIES, TOTAL	209	68	5.0	33.0	4.2	8.4	22.3	66.1	62.7	127.2	5.4	15.5	17.3
	CORPORATE OWNERSHIP OR CONTROL	172	66	4.8	32.1	4.1	8.1	21.5	63.1	60.9	122.4	5.3	15.0	16.8
	NONCORPORATE OWNERSHIP	37	2	.2	1.0	.2	.3	.8	3.0	1.8	4.8	.1	.5	.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	230	123	20.0	136.7	16.0	31.7	93.8	331.5	238.3	569.9	21.1	92.7	93.5
	NONCORPORATE, TOTAL	37	2	.2	1.0	.2	.3	.8	3.0	1.8	4.8	.1	.5	.5
	INDIVIDUAL	22	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PARTNERSHIP	12	2	.1	.7	.1	.2	.6	1.8	1.0	2.8	.1	.2	.2
	OTHER AND UNKNOWN	3	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3991	BROOMS AND BRUSHES													
	TOTAL	450	166	17.5	118.5	14.2	26.8	79.5	255.5	204.9	438.3	13.0	93.9	98.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	64	55	9.9	70.8	7.9	15.3	48.1	142.5	119.1	259.7	9.1	64.1	68.3
	CORPORATE OWNERSHIP OR CONTROL	60	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	386	111	7.6	47.7	6.3	11.5	31.4	93.0	85.9	178.6	3.9	29.8	30.3
	CORPORATE OWNERSHIP OR CONTROL	224	97	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	162	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	284	150	16.3	112.7	13.1	25.1	75.1	222.9	192.3	413.3	12.5	90.1	94.6
	NONCORPORATE, TOTAL	166	16	1.2	5.7	1.0	1.7	4.4	12.6	12.6	25.0	.5	3.8	3.9
	INDIVIDUAL	86	11	.7	3.0	.6	.8	2.3	6.0	6.0	11.9	.2	2.0	2.1
	PARTNERSHIP	35	5	.4	2.1	.4	.6	1.6	5.2	5.2	10.2	.2	1.2	1.3
	OTHER AND UNKNOWN	45	-	.1	.6	.1	.2	.5	1.4	1.5	2.8	.1	.6	.6
3993	SIGNS AND ADVERTISING DISPLAYS													
	TOTAL	3 287	637	49.8	415.9	37.5	68.3	261.6	747.7	460.2	1 198.1	30.6	116.6	124.5
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	208	159	15.1	128.8	11.2	20.7	80.1	240.5	155.9	389.7	9.8	49.0	56.6
	CORPORATE OWNERSHIP OR CONTROL	204	158	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	3 079	478	34.7	287.1	26.4	47.6	181.4	507.2	304.3	808.3	20.9	67.5	72.9
	CORPORATE OWNERSHIP OR CONTROL	1 866	463	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1 213	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	2 070	621	45.8	387.0	34.2	62.7	241.9	682.9	424.0	1 097.3	28.0	108.1	120.7
	NONCORPORATE, TOTAL	1 217	16	3.9	28.9	3.3	5.6	19.6	64.8	36.1	100.7	2.6	8.5	8.9
	INDIVIDUAL	665	5	2.1	15.1	1.7	3.0	10.2	34.9	20.1	54.9	1.0	4.7	4.9
	PARTNERSHIP	155	11	1.1	8.0	.9	1.6	5.6	17.0	9.0	26.0	.5	2.1	2.1
	OTHER AND UNKNOWN	367	-	.8	5.8	.7	1.1	3.9	12.9	7.0	19.9	.5	1.7	1.8
3995	BURIAL CASKETS													
	TOTAL	515	189	14.6	109.3	11.8	22.6	72.0	210.3	183.7	391.9	6.8	56.4	57.9
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	86	60	6.4	49.7	5.0	9.7	32.9	106.4	77.3	182.2	4.6	27.9	28.5
	CORPORATE OWNERSHIP OR CONTROL	84	58	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	429	129	8.4	59.6	6.8	12.9	39.1	103.9	106.5	209.7	4.1	28.5	29.4
	CORPORATE OWNERSHIP OR CONTROL	292	121	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	137	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	376	179	13.9	103.9	11.0	21.2	68.2	200.6	171.1	369.7	8.1	53.5	55.1
	NONCORPORATE, TOTAL	139	10	.9	5.4	.8	1.4	3.8	9.7	12.6	22.3	.6	2.9	2.9
	INDIVIDUAL	67	6	.5	2.7	.4	.7	1.8	4.2	5.9	10.2	.3	1.6	1.6
	PARTNERSHIP	33	4	.4	2.1	.3	.6	1.6	4.1	5.5	9.6	.3	.9	.9
	OTHER AND UNKNOWN	39	-	.1	.7	.1	.2	.5	1.3	1.2	2.5	.1	.4	.4
3996	HARD SURFACE FLOOR COVERINGS													
	TOTAL	20	11	5.8	59.4	4.6	9.7	44.7	212.0	135.2	342.3	14.0	43.0	49.7
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	11	8	5.3	55.4	4.2	9.0	42.1	203.4	127.2	325.3	13.7	40.2	47.1
	CORPORATE OWNERSHIP OR CONTROL	11	8	5.3	55.4	4.2	9.0	42.1	203.4	127.2	325.3	13.7	40.2	47.1
	SINGLE UNIT COMPANIES, TOTAL	9	3	.5	4.0	.4	.7	2.6	8.7	8.0	16.9	.4	2.8	2.5
	CORPORATE OWNERSHIP OR CONTROL	9	3	.5	4.0	.4	.7	2.6	8.7	8.0	16.9	.4	2.8	2.5
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	20	11	5.8	59.4	4.6	9.7	44.7	212.0	135.2	342.3	14.0	43.0	49.7

See footnotes at end of table.

TABLE 2. Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1972—Continued

1972 code	Item	Establishments ¹		All employees		Production workers			Value added by manufac- ture	Cost of materials	Value of shipments	Capital expendi- tures, new ²	Inventories end of—	
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages					1971	1972
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3999	MANUFACTURING INDUSTRIES, N.E.C.													
	TOTAL	3 367	614	65.1	430.5	51.4	94.5	280.1	897.2	651.8	1 534.7	40.2	247.9	261.0
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	237	154	26.2	194.1	20.0	38.4	124.0	449.1	298.8	735.0	22.4	133.6	143.3
	CORPORATE OWNERSHIP OR CONTROL	233	151	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	4	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SINGLE UNIT COMPANIES, TOTAL	3 130	460	38.8	236.5	31.4	56.0	156.0	448.2	353.0	799.7	17.8	114.3	117.7
	CORPORATE OWNERSHIP OR CONTROL	2 056	443	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NONCORPORATE OWNERSHIP	1 074	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	2 289	594	61.3	410.5	48.2	88.8	266.0	855.8	620.1	1 458.4	38.6	231.6	249.3
	NONCORPORATE, TOTAL	1 078	20	3.7	20.0	3.3	5.6	14.0	41.4	31.7	76.3	1.5	16.3	11.7
	INDIVIDUAL	425	11	1.6	7.6	1.4	2.4	5.3	17.0	12.5	30.9	.6	6.5	4.6
	PARTNERSHIP	333	9	1.2	7.2	1.1	1.9	5.2	13.5	11.4	26.8	.5	6.7	3.9
	OTHER AND UNKNOWN	320	-	1.0	5.2	.8	1.4	3.6	10.9	7.8	18.6	.4	3.1	3.2
60	ADMINISTRATIVE AND AUXILIARY													
	TOTAL	8 039	4 245	994.3	13 772.3	-	-	-	-	-	-	-	-	-
	TYPE OF ORGANIZATION:													
	MULTIUNIT COMPANIES, TOTAL	8 039	4 245	994.3	13 772.3	-	-	-	-	-	-	-	-	-
	CORPORATE OWNERSHIP OR CONTROL	8 039	4 245	994.3	13 772.3	-	-	-	-	-	-	-	-	-
	NONCORPORATE OWNERSHIP	-	-	-	-	-	-	-	-	-	-	-	-	-
	SINGLE UNIT COMPANIES, TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
	CORPORATE OWNERSHIP OR CONTROL	-	-	-	-	-	-	-	-	-	-	-	-	-
	NONCORPORATE OWNERSHIP	-	-	-	-	-	-	-	-	-	-	-	-	-
	LEGAL FORM OF ORGANIZATION:													
	CORPORATE	8 039	4 245	994.3	13 772.3	-	-	-	-	-	-	-	-	-
	NONCORPORATE, TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
	INDIVIDUAL	-	-	-	-	-	-	-	-	-	-	-	-	-
	PARTNERSHIP	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER AND UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown (under 50 thousand dollars or man-hours; under 50 employees).

¹All data are based on reports for individual manufacturing establishments and not on a company basis. Each establishment of multiestablishment companies is classified by its primary industrial activity. For this reason the statistics presented in this table cannot be compared directly with tabulations in which the whole corporation is the reporting unit and the entire company is classified in one industry—for example, the "Statistics of Income, Corporation Income Tax Returns," compiled by the Bureau of Internal Revenue, U.S. Treasury Department. Establishments were classified as part of a multiunit company when the company operated two establishments or more, of which at least one was a manufacturing establishment.

²Includes expenditures for plants in operation and for plants under construction but not yet in operation.

³Establishments in this industry reported value of production rather than value of shipments. Consequently, the formula for computing adjusted value added by manufacture was modified to include only changes in work-in-process inventories between the beginning and end of the year.

⁴Establishments in this industry reported value of work done instead of value of shipments. Consequently, the formula for computing value added by manufacture was not adjusted for any inventory change between the beginning and end of the year. It does not include value added by resales.

Water Use in Manufacturing

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EXPLANATORY TEXT

GENERAL

This report contains statistics showing the use of water by manufacturing industries in 1973 with selected comparable data for 1968.

Information on industrial water use by manufacturing establishments was first collected and published by the Bureau of the Census in the 1953 Annual Survey of Manufactures. In the 1963 Census of Manufactures, as in the 1954 census, information on water use was collected from all manufacturing establishments employing six people or more, except for establishments in the printing and publishing and apparel industries. The latter establishments are relatively small water users and/or operate primarily in rented quarters where water is usually furnished by the landlord. The detailed information on water utilization for 1968 and 1973 was collected and published for those manufacturing establishments using 20 million gallons of water or more per establishment.

Information was not collected in the 1958 Census of Manufactures. However, a special post-census survey was taken in 1959 which included all establishments reporting water use of 20 million gallons or more in 1954 as well as all companies having at least one establishment with 250 employees or more in the 1958 Census of Manufactures. In industries known to be extensive users of water, all establishments with 100 employees or more were included.

Approximately 85 percent of the 15.0 trillion gallons consumed by manufacturing establishments in 1973 was accounted for by four major industry groups; namely, Primary Metal Industries (SIC Major Group 33), Chemicals and Allied Products (SIC Major Group 28), Paper and Allied Products (SIC Major Group 26), and Petroleum and Coal Products (SIC Major Group 29). Even within these major groups, specific industries accounted for the major share: Blast furnaces and steel mills consumed about 27 percent of the total manufacturing consumption of water, and manufacturers of industrial organic chemicals used about 14 percent of the total. About 70 percent of industrial water was consumed by establishments located in six Water Use Regions; namely, the Great Lakes, the Ohio River, the Middle Atlantic, the Texas Gulf, the Lower Mississippi, and the South Atlantic Regions.

MANUFACTURERS' USE OF WATER

While manufacturing industries are important users of water in the United States, the utilization by such establishments is highly concentrated. According to the 1973 survey, establishments with an annual water intake of 20 million gallons of

water or more accounted for about 97 percent of water withdrawn for manufacturing purposes. These plants, however, represent only about 4 percent of the total number of manufacturing establishments and employ approximately 43 percent of the total number of persons engaged in manufacturing within the major groups covered in this survey. (See table A.)

1973 INDUSTRIAL WATER USE

In the 1972 Census of Manufactures, the standard census forms submitted by all establishments employing 10 people or more contained a check-type question on water consumption in terms of broad size ranges of gallons used. Approximately 13,300 establishments indicated the use of 20 million gallons or more of water in 1972. These "large" water users were included in the mailing of the special water use survey for 1973. Of that number, 10,700 reported detailed information on water intake, recirculation, discharge, method of water treatment, and capital expenditures and annual costs for water treatment. Most of the other 2,600 establishments indicated that water use in 1973 was less than 20 million gallons and are, therefore, excluded from this study. All data for water use exclude government owned establishments operated by private contractors for the account of the Atomic Energy Commission. The 1973, 1968, 1964, and 1959 figures include data for establishments located in Alaska and Hawaii. The 1954 figures exclude those establishments.

While the quantity of water intake by manufacturing establishments is relatively large, the quantities actually consumed in process, by evaporation, etc., is only about 6 percent of the withdrawals. Data on net use, as defined above, may be calculated in the tables shown in this report by subtracting water discharged from water intake. Gross water use, as shown in the tables, reflects recirculation or reuse of the water in the same establishments and partially reflects water management. While no measure of the deterioration of the water resulting from use is available, data are shown for the quantities of intake water treated as well as for treatment of water for discharge.

The tables appearing in this chapter provide statistics for establishments using 20 million gallons or more annually, and include those which recirculate and those which treat discharged water. The arrangement of the data is by industry, Water Use Region, and State. The boundaries for States are political, while those for Water Use Regions are combinations of counties without regard for State lines. These regions,

which center around river basins, were developed in consultations with the Federal agencies having responsibility for water development or use and with representatives of private industry, and they approximate the major drainage systems in the country. Descriptions of the Water Use Regions are included at the end of this text. It was not possible to follow the exact definitions because Water Use Regions sometimes split counties. For technical reasons, county lines were followed in this survey for purposes of tabulating Water Use Region data. The areas included are shown in a series of maps appearing in this report. The industry classifications used are based on the 1972 edition of the Standard Industrial Classification (SIC) manual. (See Introduction.)

Totals for water use have been provided for the SIC industry classifications at the 2-, 3-, and 4-digit levels. Differences in manufacturing processes are not as great at the SIC 4-digit level as at the higher order 2- and 3-digit levels. Accordingly, the water use statistics are most meaningful when examined on a 4-digit SIC basis and related to the processes, products, employment data, etc., at that level. The aggregations at the 3-digit, and especially at the 2-digit levels, represent totals for industries which differ widely in processes used, materials fabricated, or products produced. Thus, for example, the water consumption use for SIC Major Group 26, Paper and Allied Products, will differ in the Columbia-North Pacific Water Use Region from that in California-South Pacific Water Use Region because of industrial composition as well as geography or other factors.

MEASURES OF INDUSTRIAL ACTIVITY

While industrial processes and geography determine very largely the consumption pattern of water intake, differing manufacturing practices and institutional variations also affect the use and reuse of water. Measures regarding the relationship of water intake and water management to industrial activity are frequently needed to gage present and future industrial water requirements.

To facilitate such studies at either local or regional levels, the tables shown in this report contain data showing, for selected industrial groups, the employment, value added by manufacture, and value of shipments for significant water users which, as indicated above, account for practically all industrial water consumption. The most valid use of these data is to provide measures of industrial activity for significant water-using establishments as well as to show those establishments which circulate water, treat water, and discharge or use water for other purposes. The industrial activity measures (employment, value of shipments, and value added by manufacture) are from the census of manufactures covering the year 1972.

DEFINITIONS AND DESCRIPTIONS

INDUSTRIAL WATER USE TERMS

The terms "establishments," "manufacturing industries," "industry classifications," and "Standard Industrial Classification" are defined in the Introduction.

Water Intake by Source

Public water system.—Water supplied by a water system (whether municipally or privately owned) whose primary purpose is to supply water to the general public. The data also include water supplied by systems whose principal function is to supply water to industrial users.

Company water system.—Water supplied from a company's water supply system or obtained from another company where the supplying company is not primarily a water supplier to the general public and/or industrial users. The data also include that portion of water obtained from a joint water supply system operated by the reporting company.

Brackish water.—All water with 1,000 to 10,000 parts per million of dissolved solids.

Salt water.—All water with more than 10,000 parts per million of dissolved solids.

Water Intake by Purpose

Process.—Water that comes directly in contact with products and/or materials, including water which is consumed in production.

Sanitary service.—Water used for drinking, lunchrooms or cafeterias, and domestic sewage.

Gross water used.—Represents the estimated quantity of water that would have been required if no water had been recirculated or reused. For example, if total water intake was 400 million gallons and, of this 400 million gallons, 100 million gallons were used twice for cooling purposes and once for washing products or materials, the total water required would be 300 million gallons, plus the 100 million gallons not recirculated, for a total of 400 million gallons (less consumption and evaporation loss).

Water Discharged

Total.—Quantity of water brought to ultimate discharge point. The data exclude quantities of water held in ponds, lagoons, or

EXPLANATORY TEXT—Continued

basins, for reuse or treatment, or water discharged by evaporation processes.

Public utility sewer.—Water discharged to public utility sewer systems, whether municipally or privately owned.

Ground.—Includes quantities which seep into ground from collection basins such as ponds and lagoons.

Transferred to other users.—Includes quantities transferred, after use, to another establishment of either the same company or another company.

EXPENDITURE AND COST ITEMS

Capital expenditures.—Expenditures for new water treatment plants and equipment that are chargeable to the fixed asset accounts and for which depreciation or amortization reserves are maintained. Companies reported actual capital outlays during the year—not the final value of equipment put in place and buildings completed during the year. Capital expenditures during the year were determined by the following computation: The cost of additions completed during the year, plus construction in progress at the end of the year, minus construction in progress at the beginning of the year. Expenditures for land are excluded.

Annual cost.—Includes the estimated costs of material, parts, fuel, power, labor, and depreciation (or amortization) due to the operation and maintenance of water treatment plant and equipment. It also includes leasing costs of equipment used to treat water and costs of water treatment services provided by private contractors. Figures exclude payments to governmental units for public sewerage.

WATER USE REGIONS

New England.—The drainage within the United States that ultimately discharges into (a) the Bay of Fundy; (b) the Atlantic Ocean, whose point of discharge is located within and between the States of Maine and Connecticut; (c) Long Island Sound; and (d) the St. Francis River, a tributary of the St. Lawrence River.

Middle Atlantic.—The drainage within the United States that ultimately discharges into (a) the Atlantic Ocean, whose point of discharge is located within and between the States of New York and Virginia; and (b) the Richelieu River, a tributary of the St. Lawrence River.

South Atlantic-Gulf.—The drainage that ultimately discharges into (a) the Atlantic Ocean, whose point of discharge is located within and between the States of North Carolina and Florida; and (b) the Gulf of Mexico, whose point of discharge is located within and between the States of Florida and Mississippi, including the Pearl River.

Great Lakes.—The drainage within the United States that discharges into (a) the Great Lakes system, including the Lakes surfaces; and (b) the St. Lawrence River as far east as, but excluding, the Richelieu River.

Ohio.—The drainage of the Ohio River, excluding that of the Tennessee River.

Tennessee.—The drainage of the Tennessee River.

Upper Mississippi.—The drainage of the Mississippi River above the mouth of the Ohio River, but excluding that of the Missouri River above a point immediately below the mouth of the Gasconade River.

Lower Mississippi.—The drainage of (a) the Mississippi River below the mouth of the Ohio River, but excluding the drainages of the Arkansas, White, and Red Rivers above the points of highest backwater effects of the Mississippi River in those rivers; and (b) the coastal streams, other than the Mississippi River, that discharge into the Gulf of Mexico from, but excluding, the Pearl River to, but excluding, the Sabine River.

Souris-Red-Rainy.—The drainage within the United States of the Souris, Red, and Rainy Rivers.

Missouri.—The drainage within the United States of (a) the Missouri River above a point immediately below the mouth of the Gasconade River; and (b) the Saskatchewan River.

Arkansas-White-Red.—The drainage of (a) the Arkansas River above the point of highest backwater effect of the Mississippi River; (b) the Red River above the point of highest backwater effect of the Mississippi River; and (c) the White River above the point of highest backwater effect of the Mississippi River, near Peach Orchard Bluff, Arkansas.

Texas-Gulf.—The drainage that discharges into the Gulf of Mexico from and including Sabine Pass to, but excluding, the Rio Grande and the lower Rio Grande Valley.

Rio Grande.—The drainage within the United States of (a) the Rio Grande; (b) the San Luis Valley, North Plains, San Augustine Plains, Mimbres, Estancia, Jornada del Muerto,

EXPLANATORY TEXT—Continued

Tularosa, Salt, and various smaller closed basins; and (c) the lower Rio Grande Valley.

Upper Colorado.—The drainage of (a) the Colorado River above the Lee Ferry Compact Point which is about 1 mile below the mouth of the Paria River; and (b) the Great Divide closed basin.

Lower Colorado.—The drainage within the United States of (a) the Colorado River below the Lee Ferry Compact Point which is about 1 mile below the mouth of the Paria River; (b) the Rios Yaqui, Magdalena, and Sonoita and other lesser streams that ultimately discharge into the Gulf of California; and (c) the Animas Valley, Wilcox Playa, El Dorado Valley, and other smaller closed basins.

Great Basin.—The drainage of the Great Basin that ultimately discharges into the States of Utah and Nevada.

Columbia-North Pacific.—The drainage within the United States that ultimately discharges into (a) the Straits of Georgia and of Juan de Fuca; (b) the Pacific Ocean, whose point of discharge is within the States of Washington and Oregon, including the Columbia River; and (c) the Great Basin in the State of Oregon.

California-South Pacific.—The drainage within the United States that ultimately discharges into (a) the Pacific Ocean, whose point of discharge is within the State of California, which includes the Central Valley; and (b) that portion of the Great Basin, and other closed basins, in the State of California.

Alaska.—The drainage within the State of Alaska.

Hawaii.—The drainage within the State of Hawaii.

DATA COLLECTED BUT NOT PUBLISHED

The two general types of data included in this survey which have been suppressed because of either poor response rate or related problems are as follows: (1) An inquiry on the quantity of intake water transferred to manufacturing establishments from other water users by means of piping or canals, etc.; and (2) an inquiry designed to measure water quality (BOD, oil and grease, suspended solids, metals, nutrients, and thermal) at final discharge both before and after treatment. Water quality information was also requested for intake water before treatment for BOD, suspended solids, and thermal.

TABLE A. Comparative Statistics for All Manufacturing Establishments and Such Establishments Consuming 20 Million Gallons of Water or More in 1973

SIC code	Industry group	Establishments			Employees			Value added by manufacture		
		Total ¹ (number)	Establishments reporting consumption of 20 million gallons of water or more		Total for all establishments ¹ (1,000)	In establishments reporting consumption of 20 million gallons of water or more		Total for all establishments ¹ (million dollars)	For establishments reporting consumption of 20 million gallons of water or more	
			Number	Percent of total		Number ¹ (1,000)	Percent of total for all establishments		Value ¹ (million dollars)	Percent of total for all establishments
	All industries.....	² 254,170	10,668	4.2	16,604.3	7,083.0	42.7	320,369.2	172,760.3	53.9
20	Food and kindred products.....	28,184	2,556	9.1	1,569.4	690.2	44.0	35,616.6	17,526.3	49.2
21	Tobacco products.....	272	18	6.6	66.3	41.4	62.4	2,637.2	2,248.2	85.2
22	Textile mill products.....	7,203	788	10.9	952.7	457.7	48.0	11,718.0	5,692.5	48.6
24	Lumber and wood products.....	33,948	238	.7	691.0	77.6	11.2	10,309.4	1,568.0	15.2
25	Furniture and fixtures.....	9,232	63	.7	461.6	48.1	10.4	6,089.5	734.0	12.1
26	Paper and allied products.....	6,038	703	11.6	633.4	279.8	44.2	13,064.1	6,964.4	53.3
28	Chemicals and allied products.....	11,425	1,343	11.8	836.5	543.3	64.9	32,413.9	22,917.4	70.7
29	Petroleum and coal products.....	2,016	278	13.8	139.5	103.2	74.0	5,793.1	4,318.5	74.5
30	Rubber and miscellaneous plastics products.	9,237	437	4.7	617.7	244.4	39.6	11,653.3	5,772.3	49.5
31	Leather and leather products.....	3,201	61	1.9	273.4	19.3	7.1	2,917.2	278.5	9.5
32	Stone, clay, and glass products.....	16,015	647	4.0	623.2	243.3	39.0	12,586.5	5,699.3	45.3
33	Primary metal industries.....	6,792	905	13.3	1,142.8	822.6	72.0	23,258.1	17,726.5	76.2
34	Fabricated metal products.....	29,525	790	2.7	1,493.3	456.8	30.6	27,005.6	9,110.1	33.7
35	Machinery, except electrical.....	40,792	556	1.4	1,827.7	697.7	38.2	37,562.9	16,326.9	43.5
36	Electric and electronic equipment.....	12,274	644	5.2	1,662.2	885.0	53.2	30,583.6	17,798.2	58.2
37	Transportation equipment.....	8,802	413	4.7	1,719.0	1,214.5	70.7	39,799.4	31,055.0	78.0
38	Instruments and related products.....	5,987	137	2.3	454.1	198.7	43.8	10,583.7	5,880.6	55.6
39	Miscellaneous manufacturing industries.....	15,188	91	.6	446.1	59.4	13.3	6,777.0	1,143.7	16.9
--	Administration and auxiliary.....	² 8,039	(X)	(X)	² 994.3	(X)	(X)	(X)	(X)	(X)

(X) Not applicable.

¹Source: 1972 Census of Manufactures.²Includes administration and auxiliary establishments for all major groups but excludes manufacturing establishments for SIC Major Group 23, Apparel and Other Textile Products, and SIC Major Group 27, Printing and Publishing.

TABLE B. Water Use in Manufacturing Industries by Major Industry Group: 1973, 1968, 1964, 1959, and 1954

(All water data in billions of gallons)

SIC code	Industry group and year	Water intake				Gross water used, including recirculated	Water discharged			All employees (1,000)
		Total	Fresh	Brackish ¹	Salt ¹		Total	Treated prior to discharge	Untreated prior to discharge	
	All industries, total.....1973 ² ..	15,024	12,195	1,396	1,434	43,413	14,144	6,156	7,987	³ 7,083
	.....1968 ² ..	15,467	12,454	3,013	(¹)	35,701	14,276	4,353	9,923	7,276
	.....1964 ² ..	14,007	11,177	2,830	(¹)	29,857	13,111	3,811	9,300	6,397
	.....1959 ⁴ ..	12,131	9,689	2,442	(¹)	26,257	11,445	2,666	8,779	6,560
	.....1954 ⁴ ..	11,570	9,948	1,622	(¹)	21,042	10,789	1,373	9,416	6,929
20	Food and kindred products.....1973..	804	628	68	108	1,580	745	247	498	³ 690
	.....1968..	811	740	71	(¹)	1,346	753	185	568	633
	.....1964..	760	681	79	(¹)	1,191	688	158	530	626
	.....1959..	624	555	69	(¹)	1,298	571	74	497	618
	.....1954..	616	556	60	(¹)	1,318	550	38	512	672
21	Tobacco manufactures.....1973..	5	5	-	-	100	4	(D)	(D)	³ 41
	.....1968..	6	6	-	-	77	5	(Z)	5	32
	.....1964..	3	3	-	-	64	2	(Z)	2	31
	.....1959..	3	3	-	-	44	2	(Z)	2	43
	.....1954..	3	3	-	-	11	2	-	2	34
22	Textile mill products.....1973..	178	(D)	(D)	-	426	160	69	91	³ 458
	.....1968..	154	152	2	(¹)	328	136	54	82	414
	.....1964..	148	146	1	(¹)	269	135	35	100	353
	.....1959..	135	135	1	(¹)	182	120	17	103	378
	.....1954..	184	181	3	(¹)	211	147	13	134	454
24	Lumber and wood products.....1973..	160	148	(D)	(D)	265	123	38	85	³ 78
	.....1968..	101	118	17	(¹)	205	93	19	74	63
	.....1964..	151	126	24	(¹)	217	123	34	89	66
	.....1959..	140	116	24	(¹)	184	126	31	95	75
	.....1954..	133	107	26	(¹)	160	109	1	108	85
25	Furniture and fixtures.....1973..	6	(D)	(D)	-	9	6	(D)	(D)	³ 48
	.....1968..	4	4	(Z)	(¹)	6	4	(Z)	4	51
	.....1964..	3	3	-	-	4	3	(Z)	3	35
	.....1959..	3	2	(Z)	(¹)	4	2	(Z)	2	31
	.....1954..	7	7	(Z)	(¹)	8	4	(Z)	4	42
26	Paper and allied products.....1973..	2,415	2,295	76	45	8,127	2,301	1,250	1,051	³ 280
	.....1968..	2,252	2,083	169	(¹)	6,522	2,078	915	1,163	268
	.....1964..	2,064	1,911	153	(¹)	5,491	1,942	707	1,235	249
	.....1959..	1,937	1,768	170	(¹)	6,046	1,824	763	1,061	282
	.....1954..	1,786	1,651	135	(¹)	4,242	1,620	201	1,419	251
28	Chemicals and allied products.....1973..	4,176	2,927	471	778	11,099	3,911	1,578	2,334	³ 543
	.....1968..	4,476	2,950	1,526	(¹)	9,416	4,175	674	3,501	527
	.....1964..	3,899	2,554	1,345	(¹)	7,726	3,688	589	3,099	480
	.....1959..	3,240	2,083	1,157	(¹)	5,225	3,061	499	2,562	434
	.....1954..	2,685	2,172	513	(¹)	4,293	2,550	332	2,218	447
29	Petroleum and coal products.....1973..	1,283	639	463	181	8,158	1,159	694	465	³ 103
	.....1968..	1,435	820	615	(¹)	7,290	1,217	918	299	106
	.....1964..	1,398	710	688	(¹)	6,161	1,317	1,006	311	119
	.....1959..	1,319	719	600	(¹)	5,780	1,204	656	548	142
	.....1954..	1,245	637	608	(¹)	4,152	1,134	458	676	155
30	Rubber and miscellaneous plastics products.....1973 ⁵ ..	154	150	3	-	443	143	27	116	³ 244
31	Leather and leather products.....1973..	8	(D)	(D)	-	10	8	3	5	³ 19
	.....1968..	16	16	(Z)	(¹)	20	15	10	5	32
	.....1964..	14	14	(Z)	(¹)	14	12	2	10	26
	.....1959..	12	12	(Z)	(¹)	14	12	2	10	26
	.....1954..	20	19	1	(¹)	22	18	4	14	37
32	Stone, clay, and glass products.....1973..	219	179	11	30	475	192	34	158	³ 243
	.....1968..	251	214	37	(¹)	413	218	36	182	225
	.....1964..	249	209	39	(¹)	389	218	41	177	218
	.....1959..	251	222	29	(¹)	412	264	11	253	231
	.....1954..	279	258	21	(¹)	575	254	27	227	207
33	Primary metal industries.....1973..	4,941	4,396	(D)	(D)	8,842	4,757	2,055	2,702	³ 823
	.....1968..	5,005	4,486	518	(¹)	7,780	4,696	1,431	3,265	895
	.....1964..	4,600	4,168	432	(¹)	6,702	4,312	1,159	3,153	814
	.....1959..	3,702	3,408	294	(¹)	5,673	3,551	536	3,015	852
	.....1954..	3,842	3,621	221	(¹)	4,947	3,682	270	3,412	912
34	Fabricated metal products.....1973 ⁵ ..	107	107	-	-	268	101	27	74	³ 457
35	Machinery, except electrical.....1973..	171	158	(D)	(D)	438	165	41	124	³ 698
	.....1968..	189	164	25	(¹)	338	181	25	156	673
	.....1964..	158	130	27	(¹)	274	150	12	138	531
	.....1959..	171	147	23	(¹)	251	165	31	134	514
	.....1954..	114	111	3	(¹)	153	116	3	113	690

See footnotes at end of table.

TABLE B. Water Use in Manufacturing Industries by Major Industry Group: 1973, 1968, 1964, 1959, and 1954—Continued

(All water data in billions of gallons)

SIC code	Industry group and year	Water intake				Gross water used, including recirculated	Water discharged			All employees (1,000)
		Total	Fresh	Brackish ¹	Salt ¹		Total	Treated prior to discharge	Untreated prior to discharge	
36	Electric and electronic equipment....1973..	104	102	(D)	(D)	1,043	97	31	66	³ 885
	1968..	127	125	2	(¹)	370	118	28	90	979
	1964..	102	101	1	(¹)	274	88	15	73	800
	1959..	93	82	11	(¹)	159	88	7	81	567
	1954..	114	103	11	(¹)	130	90	5	85	464
37	Transportation equipment.....1973..	242	220	(D)	(D)	1,967	227	43	184	³ 1,215
	1968..	313	295	18	(¹)	911	293	23	270	1,304
	1964..	242	189	53	(¹)	602	233	24	209	1,206
	1959..	260	203	56	(¹)	522	229	22	207	1,285
	1954..	231	222	9	(¹)	325	215	9	206	1,418
38	Instruments and related products.....1973..	37	37	-	-	135	35	16	18	³ 199
	1968..	38	37	(Z)	(¹)	118	36	13	23	176
	1964..	29	29	(Z)	(¹)	76	26	9	17	146
	1959..	23	23	(Z)	(¹)	60	22	7	15	153
	1954..	19	19	(Z)	(¹)	54	18	(Z)	-	140
39	Miscellaneous manufacturing industries.....1973..	12	12	(D)	(D)	26	12	3	9	³ 59
	1968..	14	11	4	(¹)	24	13	(Z)	13	58
	1964..	13	13	-	-	22	12	(Z)	12	43
	1959..	14	13	(Z)	(¹)	20	13	1	12	45
	1954..	21	16	5	(¹)	24	21	6	15	66

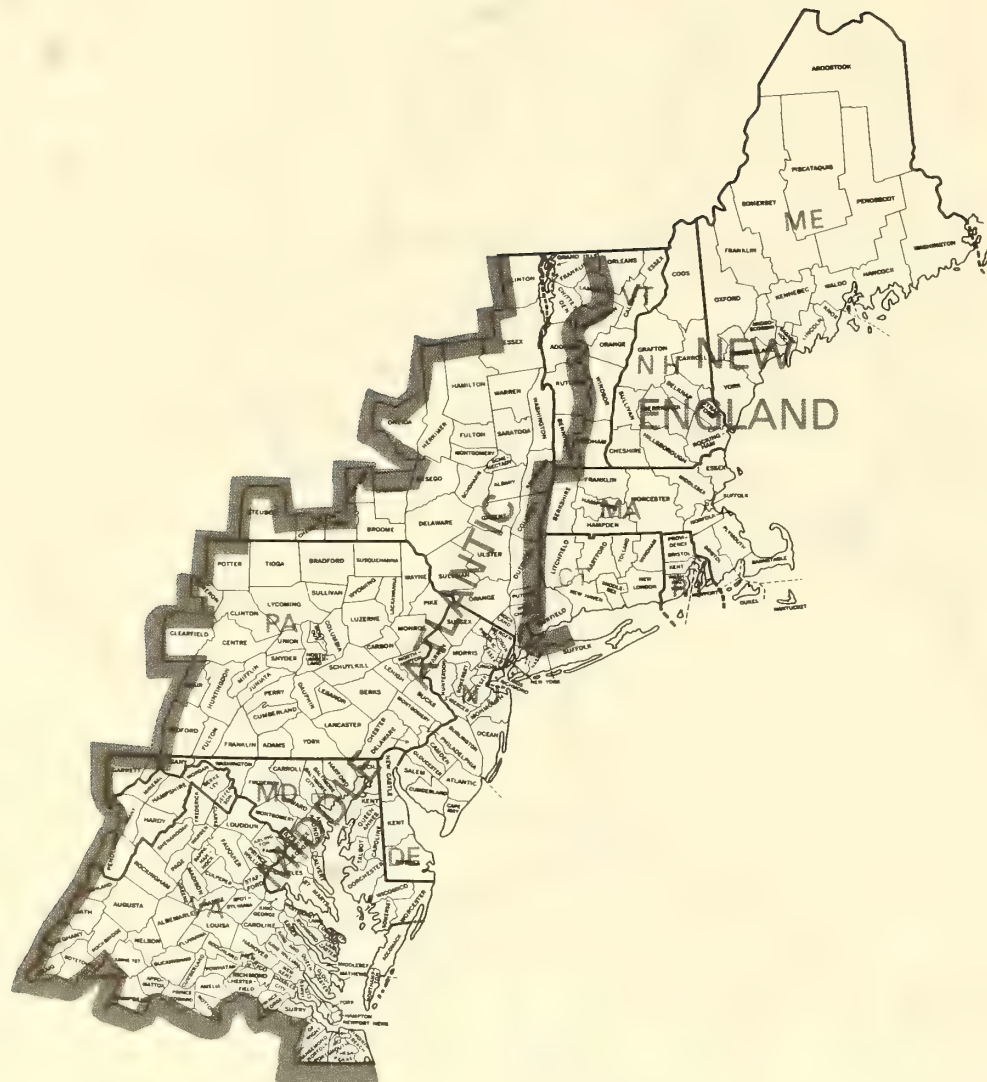
- Represents zero. (D) Withheld to avoid disclosing the operations of individual companies. (Z) Less than 500 million gallons.

¹For 1968 and prior years, salt water is included in brackish water.²Excludes establishments classified in SIC Major Groups 23 and 27.³Represents employees in 1972, in establishments consuming 20 million gallons of water or more.⁴Includes establishments classified in SIC Major Groups 23 and 27. In 1959, such establishments had total water intake of 23 billion gallons, gross water use of 58 billion gallons, discharge of 22 billion gallons, and 152 thousand employees.⁵Because of changes in definitions included in the 1972 Standard Industrial Classification Manual, data for previous periods for Major Groups 30 and 34 are not comparable with those for 1973 and have, therefore, been suppressed. However, these figures are included in the U.S. totals.

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SR4-9

INDUSTRIAL WATER USE REGIONS



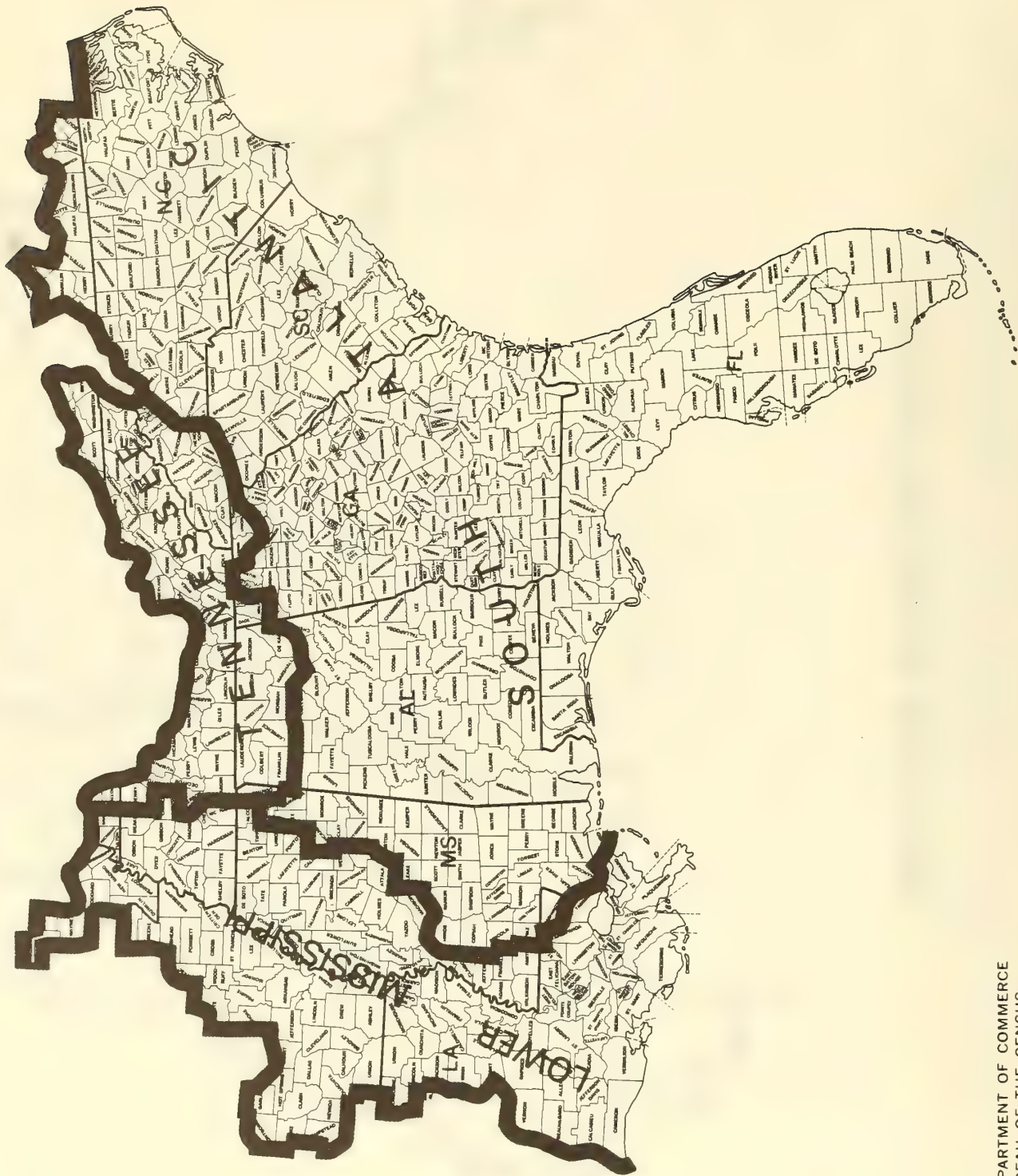
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INDUSTRIAL WATER USE REGIONS



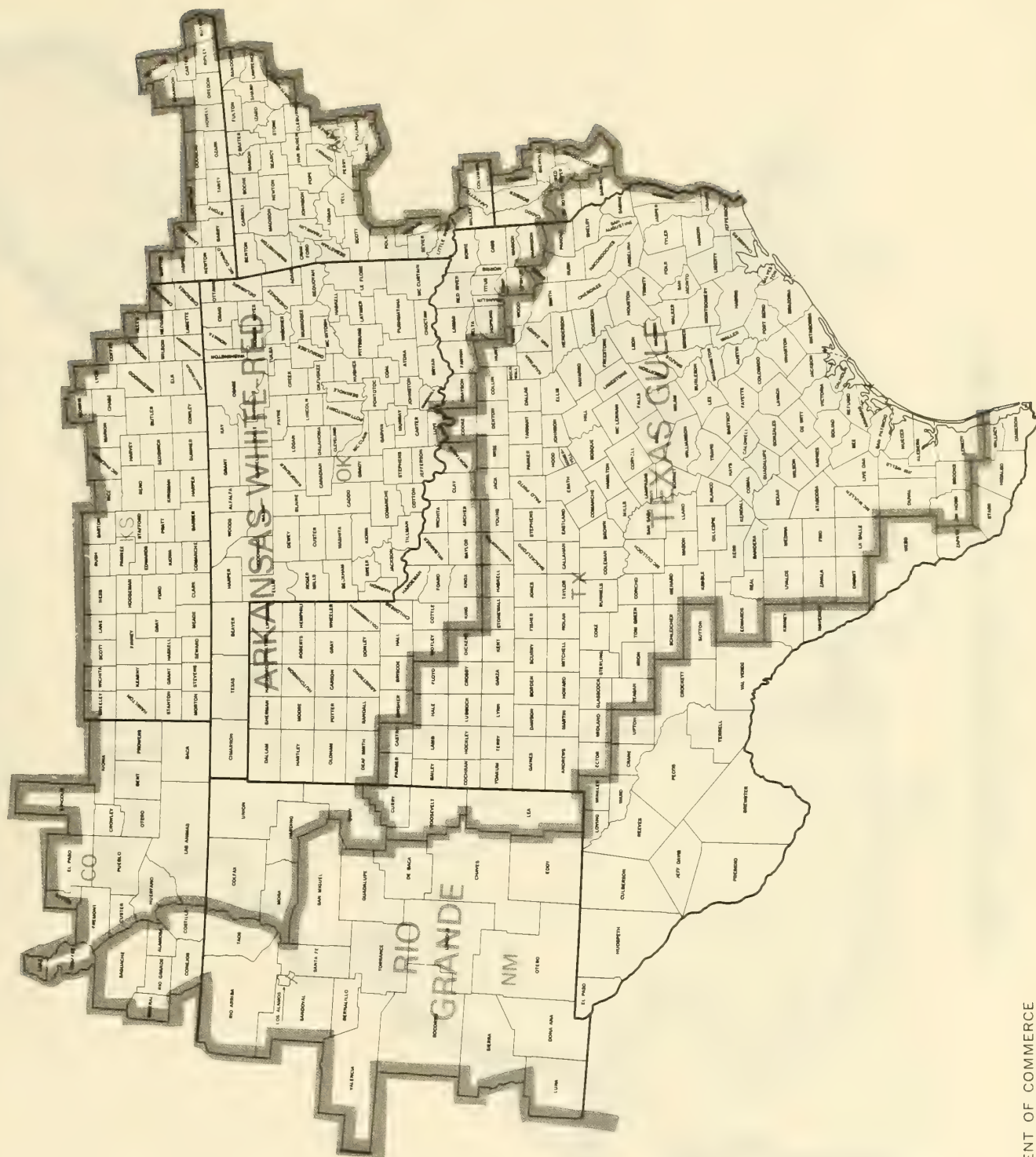
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INDUSTRIAL WATER USE REGIONS



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INDUSTRIAL WATER USE REGIONS



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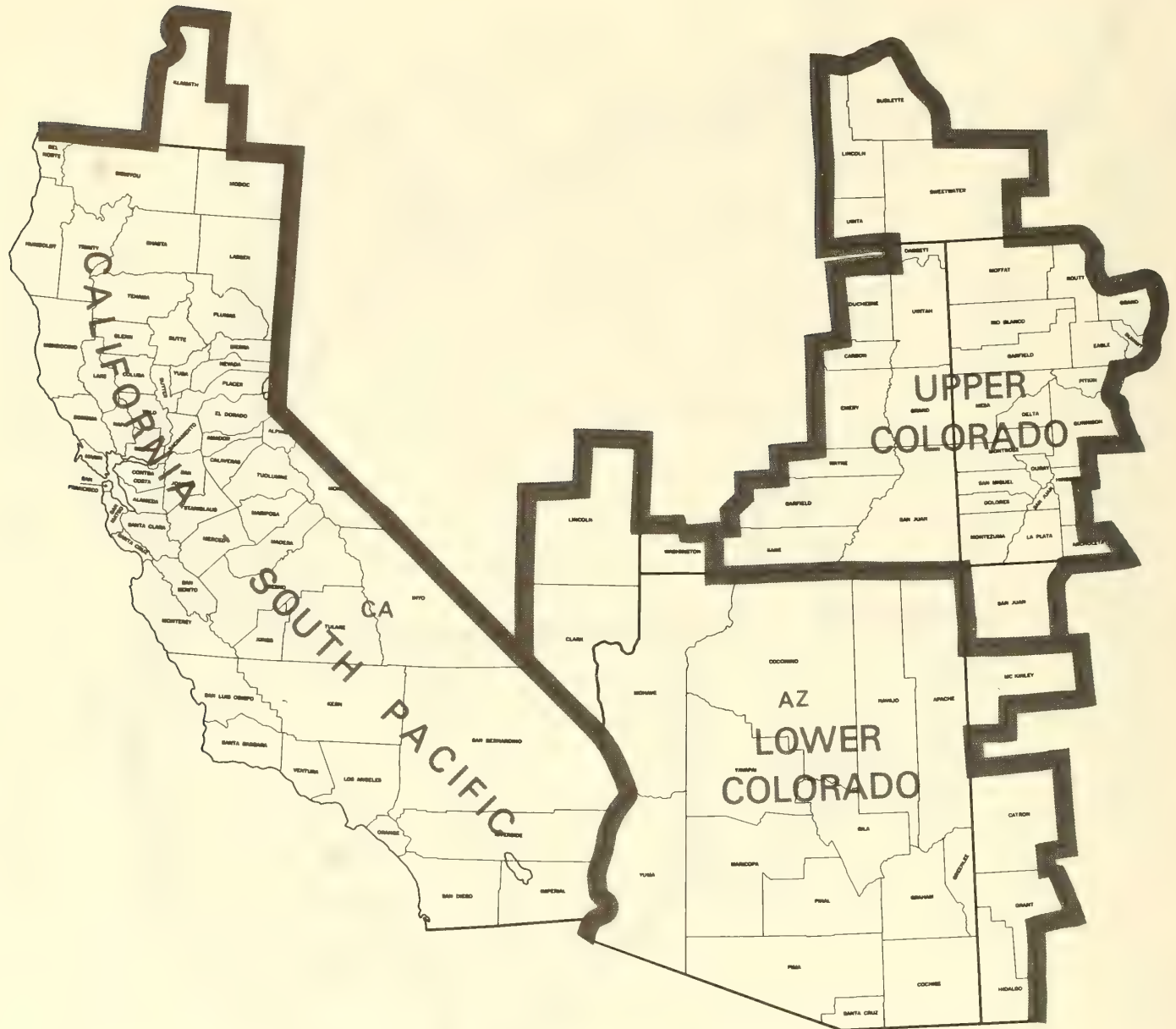
This is a detailed map of Missouri, showing its county boundaries and names. The map is oriented with the top to the left. It is color-coded into three main regions: RED (northwest), RAINY (central), and NE (east). The map also shows major cities and the state boundary with a thick black line. The map is oriented with the top to the left.

SR4-14

INDUSTRIAL WATER USE REGIONS

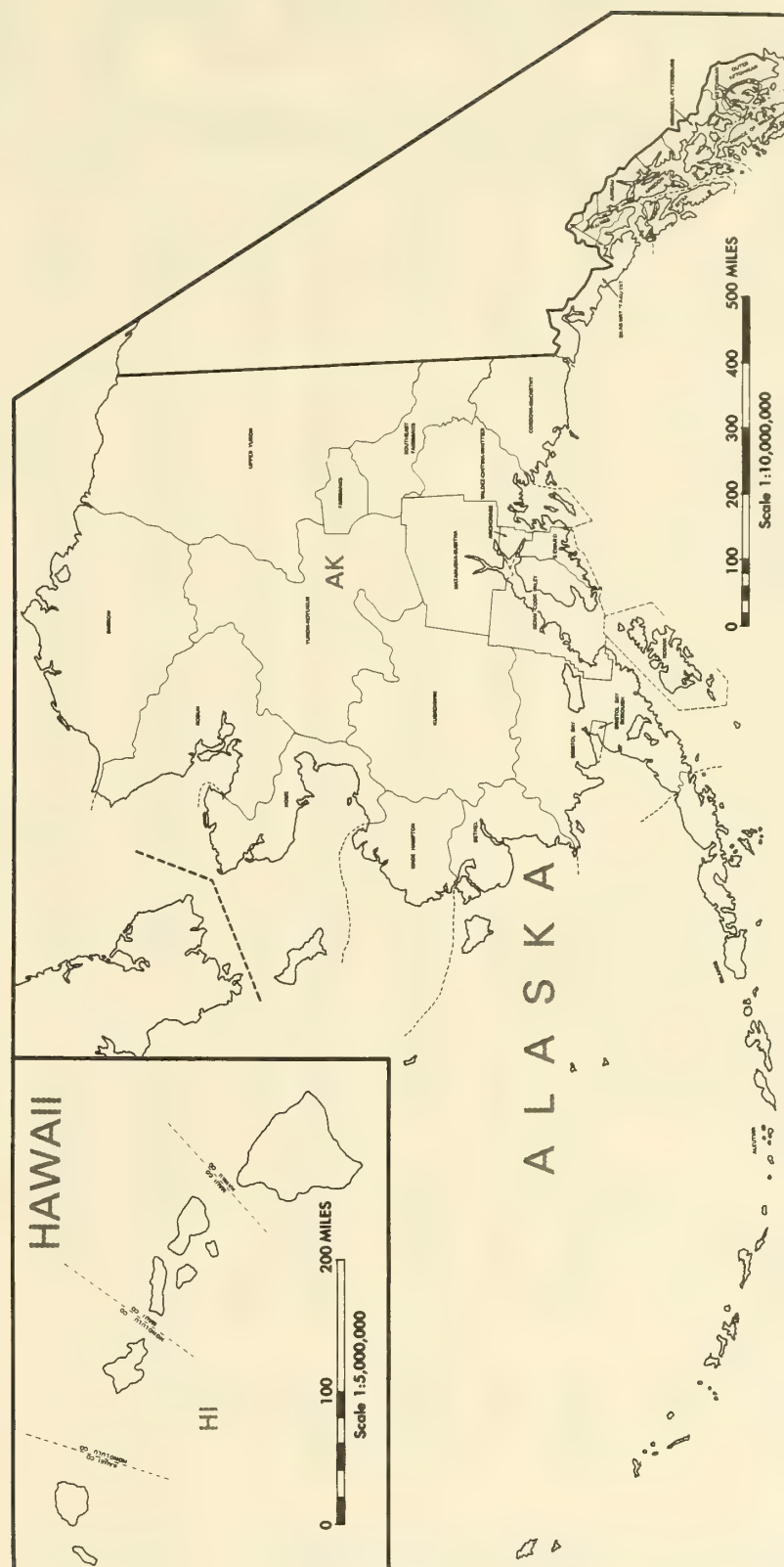


INDUSTRIAL WATER USE REGIONS



U.S. DEPARTMENT OF COMMERCE
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INDUSTRIAL WATER USE REGIONS



U.S. DEPARTMENT OF COMMERCE
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TABLE 1A. Selected Water Use Statistics for Industry Groups and Industries: 1973

SIC code	Industry group and industry	Water intake		Gross water used, including recirculated	Water discharged		Expenditures for new treatment plants	Expenditures for treatment of intake water prior to use ³	Annual cost to operate and maintain existing water treatment plant and equipment	Cost for treatment of intake water prior to use ⁴	Depreciation (included in annual cost data) ⁴	Equipment leasing (included in annual cost data) ⁴
		Total	Treated prior to use ¹		Total	Treated prior to discharge ²						
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)
	All industries, total ⁵	15,024.3	7,376.3	43,412.6	14,143.5	6,156.3	511,062	40,826	865,514	222,798	122,053	5,463
20	Food and kindred products.....	803.8	226.8	1,579.8	744.5	246.9	33,908	2,075	39,032	9,828	8,076	673
201	Meat products.....	108.6	43.4	167.0	105.1	57.3	5,717	190	8,187	1,445	849	21
2011	Meatpacking plants.....	69.3	32.3	117.3	68.3	40.5	2,256	124	5,377	1,029	569	(D)
2013	Sausages and other prepared meats.....	7.6	1.0	13.7	6.6	2.9	455	8	782	60	37	-
2016	Poultry dressing plants.....	28.5	9.1	32.7	27.3	12.5	1,676	58	1,630	289	184	(D)
2017	Poultry and egg processing.....	3.1	1.0	3.2	3.0	1.4	1,330	-	398	67	59	-
202	Dairy products.....	43.3	7.1	79.7	40.8	4.5	1,200	57	1,946	634	126	30
2021	Creamery butter.....	(D)	(D)	3.5	2.5	.1	-	-	47	29	(D)	-
2022	Cheese, natural and processed.....	6.5	1.4	11.0	6.3	1.0	596	11	706	119	35	-
2023	Condensed and evaporated milk.....	10.6	1.6	18.7	10.7	1.5	(D)	(D)	634	341	(D)	(D)
2024	Ice cream and frozen desserts.....	(D)	(D)	4.5	1.8	-	(D)	(D)	13	5	-	-
2026	Fluid milk.....	21.4	3.5	42.0	19.5	1.9	533	22	546	140	64	(D)
203	Preserved fruits and vegetables.....	126.9	57.9	226.4	118.4	67.6	10,461	182	10,013	1,575	5,106	245
2032	Canned specialties.....	22.8	11.3	26.5	20.2	9.5	441	(D)	739	211	28	-
2033	Canned fruits and vegetables.....	38.4	18.2	84.7	35.0	18.4	5,254	(D)	3,846	680	(D)	162
2034	Dehydrated fruits, vegetables, soups...	6.3	2.7	14.1	5.9	4.0	535	(D)	408	38	40	-
2035	Pickles, sauces, salad dressings.....	2.7	.3	5.5	2.4	1.1	119	-	212	51	12	-
2037	Frozen fruits and vegetables.....	50.4	22.9	88.1	49.3	31.3	3,613	(D)	4,291	513	(D)	(D)
2038	Frozen specialties.....	6.3	2.5	7.6	5.7	3.3	499	-	517	82	86	(D)
204	Grain mill products.....	79.7	21.3	140.8	72.5	12.6	2,049	159	5,817	1,889	591	7
2041	Flour and other grain mill products....	1.4	(D)	(D)	1.2	.4	109	-	225	(D)	(D)	-
2043	Cereal breakfast foods.....	5.3	2.9	6.8	4.5	1.4	(D)	(D)	293	35	(D)	-
2044	Rice milling.....	.3	(D)	(D)	.3	.1	-	-	(D)	-	-	-
2045	Blended and prepared flour.....	.3	-	.6	.2	-	(D)	(D)	(D)	(D)	(D)	(D)
2046	Wet corn milling.....	67.0	15.1	124.8	61.6	7.5	1,146	(D)	3,851	1,751	520	(D)
2047	Dog, cat, and other pet food.....	2.7	1.0	3.5	2.2	(D)	604	-	1,141	25	11	-
2048	Prepared feeds, n.e.c.....	2.6	(D)	3.0	2.4	(D)	(D)	(D)	256	41	29	-
205	Bakery products.....	5.0	1.2	11.6	4.2	(D)	24	(D)	139	25	13	(D)
2051	Bread, cake, and related products.....	2.8	.1	4.2	2.3	(D)	9.0	(D)	61	(D)	(D)	(D)
2052	Cookies and crackers.....	2.2	1.1	7.4	1.9	(D)	15	(D)	78	(D)	(D)	-
206	Sugar, confectionery products.....	198.8	46.0	387.3	189.1	80.5	5,123	117	4,216	755	309	283
2061	Raw cane sugar.....	80.1	8.2	144.6	74.1	47.6	7,160	(D)	819	138	34	(D)
2062	Cane sugar refining.....	68.7	18.7	84.5	67.0	17.2	3,630	(D)	779	413	73	-
2063	Beet sugar.....	37.4	13.8	111.5	36.0	15.4	3,244	(D)	1,681	(D)	102	(D)
2065	Confectionery products.....	(D)	(D)	27.9	(D)	(D)	(D)	-	537	26	(D)	-
2066	Chocolate and cocoa products.....	9.0	(D)	(D)	8.8	(D)	(D)	-	(D)	(D)	(D)	(D)
2067	Chewing gum.....	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-
207	Fats and oils.....	39.1	13.8	130.8	32.6	9.7	3,412	20	3,247	417	501	(D)
2074	Cottonseed oil mills.....	(D)	(D)	5.3	2.1	.1	-	-	21	(D)	(D)	-
2075	Soybean oil mills.....	16.0	7.7	56.0	11.9	3.8	(D)	(D)	1,165	303	213	(D)
2076	Vegetable oil mills, n.e.c.....	(D)	(D)	3.8	2.1	.1	(D)	-	49	(D)	(D)	-
2077	Animal and marine fats and oils.....	4.5	.9	5.3	4.3	1.9	839	(D)	638	35	198	-
2079	Shortening and cooking oils.....	14.1	3.3	60.3	12.1	3.8	1,947	-	1,374	48	85	(D)
208	Beverages.....	100.3	30.5	290.8	82.4	11.9	3,720	1,267	4,423	2,755	526	(D)
2082	Malt beverages.....	61.9	16.7	223.6	48.6	6.1	1,711	(D)	1,882	1,172	262	-
2083	Malt.....	8.4	2.7	26.9	7.6	2.2	(D)	(D)	227	22	25	-
2084	Wines, brandy, and brandy spirits.....	2.0	.2	3.6	1.8	(D)	(D)	-	121	8	12	-
2085	Distilled liquor, except brandy.....	14.2	6.5	19.9	12.9	1.0	605	(D)	919	413	81	-
2086	Bottled and canned soft drinks.....	10.5	3.9	12.1	8.4	1.7	960	398	1,158	1,065	112	(D)
2087	Flavoring extracts, sirups, n.e.c.....	3.3	.5	4.7	3.0	(D)	82	(D)	116	75	34	-
209	Miscellaneous foods and kindred products.....	102.2	5.8	145.6	99.5	(D)	2,202	(D)	1,044	333	55	(D)
2091	Canned and cured seafoods.....	(D)	(D)	(D)	(D)	(D)	1,085	-	148	72	5	-
2092	Fresh or frozen packaged fish.....	2.7	.8	2.9	2.0	.9	220	4	70	5	22	-
2095	Roasted coffee.....	3.8	.9	(D)	2.9	(D)	314	(D)	440	(D)	(D)	-
2097	Manufactured ice.....	3.1	.3	3.7	2.6	(D)	-	-	(D)	(D)	(D)	-
2098	Macaroni and spaghetti.....	.1	-	.4	.1	-	-	-	(D)	(D)	-	-
2099	Food preparations, n.e.c.....	(D)	(D)	36.1	(D)	(D)	583	-	358	109	24	(D)
21	Tobacco products.....	5.4	1.5	99.6	4.2	(D)	(D)	-	769	56	(D)	-
2111	Cigarettes.....	3.6	.8	95.8	2.6	-	-	-	329	(D)	(D)	-
2121	Cigars.....	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-
2141	Tobacco stemming and redrying.....	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-

See footnotes at end of table.

TABLE 1A. Selected Water Use Statistics for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake		Gross water used, including recirculated	Water discharged		Expenditures for new treatment plants	Expenditures for treatment of intake water prior to use ³	Annual cost to operate and maintain existing water treatment plant and equipment	Cost for treatment of intake water prior to use ⁴	Depreciation (included in annual cost data) ⁵	Equipment leasing (included in annual cost data) ⁶
		Total	Treated prior to use ¹		Total	Treated prior to discharge ²						
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)
22	Textile mill products.....	177.7	92.8	426.4	159.9	68.5	10,825	1,680	33,516	9,973	2,799	38
2211	Weaving mills, cotton.....	17.1	9.1	80.2	12.9	6.9	(D)	(D)	1,505	345	171	-
2221	Weaving mills, manmade fiber, silk.....	23.5	13.9	74.6	20.2	5.6	1,549	649	1,421	653	210	-
2231	Weaving and finishing mills, wool.....	6.7	2.6	7.5	6.6	3.3	(D)	-	598	(D)	42	-
2241	Narrow fabric mills.....	.4	.1	.4	.4	-	-	-	(D)	(D)	-	-
225	Knitting mills.....	30.8	11.5	38.6	29.4	8.3	1,416	189	(D)	(D)	(D)	(D)
2251	Women's hosiery, except socks.....	1.7	1.1	2.6	1.6	(D)	-	-	(D)	(D)	(D)	-
2252	Hosiery, n.e.c.....	.8	.2	1.3	.8	(D)	-	-	63	33	3	-
2253	Knit outerwear mills.....	2.8	(D)	(D)	2.7	.3	(D)	-	77	31	6	-
2254	Knit underwear mills.....	.8	(D)	(D)	.8	-	-	-	77	77	-	-
2257	Circular knit fabric mills.....	19.7	6.3	23.5	18.9	5.8	(D)	(D)	964	231	103	(D)
2258	Warp knit fabric mills.....	5.0	3.1	7.5	4.4	2.1	1,320	(D)	821	153	139	-
226	Textile finishing, except wool.....	53.7	33.8	65.6	48.6	27.1	4,514	721	4,739	1,906	690	-
2261	Finishing plants, cotton.....	20.8	16.6	28.5	18.6	9.8	1,674	(D)	1,874	758	353	-
2262	Finishing plants, manmade fiber silk...	24.4	14.5	27.5	22.0	15.7	2,238	(D)	2,432	897	313	-
2269	Finishing plants, n.e.c.....	8.5	2.8	9.6	7.9	1.6	602	285	433	251	24	-
227	Floor covering mills.....	18.9	8.3	22.5	17.8	8.0	964	(D)	825	379	58	-
2271	Woven carpets and rugs.....	1.3	(D)	2.0	1.1	(D)	(D)	-	(D)	(D)	(D)	-
2272	Tufted carpets and rugs.....	17.0	7.6	19.9	16.3	7.5	(D)	(D)	630	261	(D)	-
2279	Carpets and rugs, n.e.c.....	.5	(D)	.6	.5	(D)	-	-	(D)	(D)	-	-
228	Yarn and thread mills.....	16.6	11.3	115.8	15.4	6.1	851	50	1,179	640	118	-
2281	Yarn mills, except wool.....	6.2	3.4	86.7	5.5	2.2	361	(D)	483	130	55	-
2282	Throwing and winding mills.....	4.4	2.8	10.0	4.3	1.3	(D)	(D)	398	308	28	-
2283	Wool yarn mills.....	1.0	.5	(D)	1.0	.4	(D)	-	65	49	(D)	-
2284	Thread mills.....	5.0	4.6	(D)	4.7	2.1	(D)	-	233	153	(D)	-
229	Miscellaneous textile goods.....	10.0	2.3	21.2	8.7	3.0	821	(D)	(D)	(D)	(D)	(D)
2291	Felt goods, except woven felt, hats....	.6	.3	.6	.6	(D)	(D)	(D)	(D)	(D)	(D)	-
2292	Lace goods.....	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-
2293	Paddings and upholstery filling.....	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-
2294	Processed textile waste.....	1.2	(D)	(D)	1.0	.9	-	-	32	(D)	(D)	-
2295	Coated fabrics, not rubberized.....	3.4	.5	4.7	3.2	.3	(D)	-	62	7.0	(D)	-
2296	Tire cord and fabric.....	.8	.2	8.2	.5	(D)	8	6	(D)	(D)	(D)	-
2297	Nonwoven fabrics.....	1.5	(D)	3.1	1.5	1.1	(D)	-	(D)	(D)	(D)	(D)
2298	Cordage and twine.....	.4	(D)	(D)	.3	(D)	(D)	-	(D)	-	-	(D)
2299	Textile goods, n.e.c.....	1.9	.2	(D)	1.5	.3	134	(D)	129	(D)	(D)	-
24	Lumber and wood products.....	159.8	39.2	265.2	122.5	37.8	2,254	184	5,236	859	880	(D)
2411	Logging camp, log contractors.....	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	-	-	-
242	Sawmills and planing mills.....	126.6	31.0	207.1	99.7	28.0	(D)	(D)	1,507	505	110	(D)
2421	Sawmills, planing mills, general.....	123.3	31.0	203.7	99.5	27.9	(D)	(D)	1,474	485	(D)	(D)
2426	Hardwood dimension and flooring.....	(D)	(D)	(D)	.2	-	-	-	(D)	(D)	(D)	-
2429	Special product sawmills, n.e.c.....	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-
243	Millwork, plywood, structural members	18.7	(D)	28.4	11.0	(D)	1,122	(D)	1,103	177	90	(D)
2431	Millwork.....	(D)	(D)	(D)	1.2	-	-	-	41.0	(D)	-	(D)
2434	Wood kitchen cabinets.....	(D)	-	(D)	-	-	-	-	(D)	(D)	(D)	-
2435	Hardwood veneer and plywood.....	(D)	-	(D)	.6	(D)	-	-	(D)	-	(D)	-
2436	Softwood veneer and plywood.....	10.8	(D)	(D)	9.3	4.3	1,122	(D)	1,039	128	88	-
244	Wood containers.....	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-
2441	Nailed wood boxes and shooks.....	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-
2448	Wood pallets and skids.....	(D)	-	(D)	(D)	-	-	-	-	-	-	-
2449	Wood containers, n.e.c.....	(D)	(D)	.1	(D)	-	-	-	(D)	(D)	-	-
249	Miscellaneous wood products.....	14.0	6.2	29.0	11.1	5.2	553	87	2,620	(D)	680	-
2491	Wood preserving.....	.3	.1	.8	.2	(D)	90	(D)	88	(D)	14	-
2492	Particleboard.....	1.9	.5	2.9	1.3	(D)	196	(D)	238	55	16	-
2499	Wood products, n.e.c.....	11.8	5.6	25.4	9.6	4.5	267	-	2,294	75	650	-
25	Furniture and fixtures.....	6.4	.3	9.2	6.2	(D)	(D)	(D)	269	(D)	18	-
251	Household furniture.....	3.8	(D)	4.6	3.7	.3	307	(D)	124	(D)	(D)	-
2511	Wood household furniture.....	2.1	-	2.7	2.0	.1	-	-	(D)	(D)	-	-
2512	Upholstered household furniture.....	(D)	-	(D)	(D)	-	-	-	-	-	-	-
2514	Metal household furniture.....	1.2	(D)	(D)	1.2	(D)	307	(D)	48	-	(D)	-
2515	Mattresses and bedsprings.....	(D)	-	(D)	(D)	(D)	-	-	(D)	-	(D)	-
2517	Wood TV and radio cabinets.....	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-
2519	Household furniture, n.e.c.....	(D)	-	(D)	(D)	-	-	-	-	-	-	-
2522	Metal office furniture.....	1.2	(D)	2.8	1.3	.1	(D)	-	34	(D)	(D)	-
2531	Public buildings and related furniture.	.3	(D)	(D)	.3	(D)	(D)	-	14	(D)	-	-
2542	Metal partitions and fixtures.....	.5	(D)	.6	.5	(D)	-	-	27	(D)	-	-
2591	Drapery hardware, blinds, shades.....	.6	(D)	(D)	.5	.1	-	-	70	(D)	(D)	-

See footnotes at end of table.

TABLE 1A. Selected Water Use Statistics for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake		Gross water used, including recirculated	Water discharged		Expenditures for new treatment plants	Expenditures for treatment of intake water prior to use ³	Annual cost to operate and maintain existing water treatment plant and equipment	Cost for treatment of intake water prior to use ⁴	Depreciation (included in annual cost data) ⁴	Equipment leasing (included in annual cost data) ⁴
		Total	Treated prior to use ¹		Total	Treated prior to discharge ²						
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)
26	Paper and allied products.....	2,415.4	1,503.6	8,126.9	2,300.5	1,249.9	110,464	6,216	107,614	38,866	18,036	1,076
2611	Pulpmills.....	256.3	202.4	925.7	250.7	139.8	16,749	59	8,733	4,537	(D)	(D)
2621	Papermills, except building paper.....	1,277.9	809.1	3,839.0	1,231.1	621.3	57,266	5,169	54,720	20,033	(D)	(D)
2631	Paperboard mills.....	770.4	444.8	3,126.3	716.5	451.1	30,142	880	38,195	12,187	6,231	341
264	Miscellaneous converted paper products	82.9	34.4	143.8	77.2	27.9	2,946	(D)	3,366	1,857	279	4
2641	Paper coating and glazing.....	27.4	21.4	44.8	23.2	16.9	(D)	(D)	866	231	188	(D)
2642	Envelopes.....	(D)	-	(D)	(D)	-	-	-	-	-	-	-
2643	Bags, except textile bags.....	10.2	(D)	38.0	9.3	(D)	(D)	(D)	793	390	8	-
2645	Die-cut paper and board.....	3.3	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-
2646	Pressed and molded pulp goods.....	35.2	3.3	43.1	34.8	(D)	162	-	1,372	(D)	55	(D)
2647	Sanitary paper products.....	6.4	1.1	13.5	6.3	(D)	98	-	(D)	(D)	(D)	-
2648	Stationery products.....	(D)	(D)	(D)	-	(D)	-	-	-	-	-	-
2649	Converted paper products, n.e.c.....	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-
265	Paperboard containers and boxes.....	5.6	2.6	11.4	5.2	1.2	79	-	367	96	51	(D)
2651	Folding paperboard boxes.....	1.8	(D)	3.4	1.7	(D)	27	-	(D)	(D)	-	-
2653	Corrugated and solid fiber boxes.....	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
2654	Sanitary food containers.....	2.8	2.3	6.8	2.6	(D)	(D)	-	197	33	(D)	-
2655	Fiber cans, drums, similar products....	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-
2661	Building paper and board mills.....	22.4	10.4	80.6	19.8	8.6	3,282	(D)	2,233	156	451	(D)
28	Chemicals and allied products.....	4,176.2	2,052.9	11,098.7	3,911.2	1,577.5	157,123	16,188	252,786	79,011	36,790	957
281	Industrial inorganic chemicals.....	807.9	344.2	1,884.1	760.2	188.4	16,705	3,709	51,266	22,699	7,479	258
2812	Alkalies and chlorine.....	353.0	203.9	472.3	342.3	104.3	3,022	962	7,877	2,698	1,281	141
2813	Industrial gases.....	(D)	(D)	457.9	(D)	(D)	61	(D)	2,499	490	(D)	(D)
2816	Inorganic pigments.....	(D)	(D)	153.5	(D)	(D)	2,768	(D)	8,741	4,199	(D)	(D)
2819	Industrial inorganic chemicals, n.e.c..	261.8	43.1	800.4	236.0	44.0	10,854	1,757	32,149	15,312	5,075	100
282	Plastics materials, synthetics.....	567.6	321.1	1,993.4	539.1	177.4	44,171	2,631	49,349	15,373	7,672	237
2821	Plastics materials and resins.....	201.8	136.2	711.1	185.6	105.7	13,635	962	21,721	6,590	2,249	172
2822	Synthetic rubber.....	(D)	(D)	325.6	30.0	(D)	(D)	(D)	7,425	2,148	1,179	(D)
2823	Cellulosic manmade fibers.....	(D)	(D)	299.8	81.8	(D)	(D)	(D)	3,854	756	713	(D)
2824	Organic fibers, noncellulosic.....	248.7	121.0	656.9	241.7	43.2	18,734	1,314	16,349	5,879	3,531	(D)
283	Drugs.....	61.0	26.1	223.7	56.1	15.2	1,595	(D)	9,938	2,078	1,441	46
2831	Biological products.....	.9	.4	3.1	.8	.4	338	38	452	(D)	45	(D)
2833	Medicinals and botanicals.....	19.0	3.7	35.6	18.2	3.0	83	(D)	2,039	(D)	148	-
2834	Pharmaceutical preparations.....	41.2	22.0	185.1	37.1	11.8	1,174	227	7,447	1,089	1,248	(D)
284	Soaps, cleaners, toilet goods.....	40.9	6.1	90.8	38.0	4.4	3,095	76	2,342	471	391	(D)
2841	Soap and other detergents.....	22.1	4.8	58.4	21.1	3.2	(D)	(D)	1,038	308	148	-
2842	Polishes and sanitation goods.....	1.8	.1	2.1	1.5	.1	876	(D)	167	60	21	-
2843	Surface active agents.....	9.9	1.0	18.5	9.6	1.1	935	-	839	21	173	(D)
2844	Toilet preparations.....	7.1	.2	11.8	5.9	.1	(D)	(D)	298	82	49	(D)
2851	Paints and allied products.....	5.5	1.5	10.3	5.3	.9	21	(D)	881	456	67	(D)
286	Industrial organic chemicals.....	2,219.8	1,241.7	5,101.1	2,103.0	1,106.0	75,085	4,897	103,943	24,878	16,109	195
2861	Gum and wood chemicals.....	17.9	1.9	65.0	14.9	4.0	3,114	(D)	1,432	264	134	(D)
2865	Cyclic crudes and intermediates.....	91.2	24.5	485.8	82.0	54.8	12,527	(D)	23,523	3,425	4,055	(D)
2869	Industrial organic chemicals, n.e.c.....	2,110.7	1,215.3	4,550.3	2,006.2	1,047.2	59,444	4,137	78,988	21,189	11,920	149
287	Agricultural chemicals.....	298.3	82.9	1,481.7	251.4	62.8	14,033	(D)	26,896	10,037	2,941	172
2873	Nitrogenous fertilizers.....	115.7	42.2	(D)	95.4	18.8	5,779	(D)	13,756	4,856	1,976	(D)
2874	Phosphatic fertilizers.....	129.8	15.1	546.5	110.2	18.9	4,819	(D)	9,043	4,081	640	(D)
2875	Fertilizers, mixing only.....	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-
2879	Agricultural chemicals, n.e.c.....	(D)	(D)	(D)	(D)	(D)	3,435	(D)	(D)	(D)	(D)	-
289	Miscellaneous chemical products.....	175.1	29.2	313.5	158.1	22.3	2,418	(D)	8,171	3,019	690	23
2891	Adhesives and sealants.....	6.5	.3	20.3	6.1	.4	368	(D)	305	(D)	72	9
2892	Explosives.....	98.9	17.0	107.3	97.6	11.4	650	(D)	4,563	2,412	57	3
2893	Printing ink.....	.1	(D)	(D)	.1	-	(D)	-	(D)	-	(D)	-
2895	Carbon black.....	13.7	(D)	(D)	10.6	.7	(D)	-	(D)	(D)	(D)	(D)
2899	Chemical preparations, n.e.c.....	55.8	11.8	170.8	43.7	9.8	996	(D)	3,150	526	548	(D)
29	Petroleum and coal products.....	1,282.5	485.2	8,158.1	1,158.9	694.3	59,500	7,783	144,153	46,531	14,935	700
2911	Petroleum refining.....	1,278.0	484.3	8,145.5	1,155.3	692.8	59,265	(D)	143,686	46,445	14,831	693
295	Paving and roofing materials.....	3.9	.8	11.8	3.2	1.3	113	-	256	(D)	(D)	7
2951	Paving mixtures and blocks.....	1.1	.4	1.4	1.0	.5	(D)	-	34	(D)	(D)	(D)
2952	Asphalt felts and coatings.....	2.9	.4	10.5	2.2	.8	(D)	-	222	55	(D)	(D)
299	Miscellaneous petroleum, coal products	.6	.1	.8	.4	.2	122	(D)	211	(D)	(D)	-
2992	Lubricating oils and greases.....	.4	.1	(D)	.4	(D)	122	(D)	(D)	(D)	(D)	-
2999	Petroleum and coal products, n.e.c.....	.2	-	(D)	-	(D)	-	-	(D)	-	-	-

See footnotes at end of table.

TABLE 1A. Selected Water Use Statistics for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake		Gross water used, including recirculated	Water discharged		Expenditures for new treatment plants	Expenditures for treatment of intake water prior to use ³	Annual cost to operate and maintain existing water treatment plant and equipment	Cost for treatment of intake water prior to use ⁴	Depreciation (included in annual cost data) ⁴	Equipment leasing (included in annual cost data) ⁴
		Total	Treated prior to use ¹		Total	Treated prior to discharge ²						
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)
30	Rubber and miscellaneous plastics products.....	153.5	39.6	443.2	142.6	26.7	5,923	484	9,138	3,754	883	17
3011	Tires and inner tubes.....	36.3	11.4	123.2	33.0	5.0	1,334	(D)	2,645	1,462	234	(D)
3021	Rubber and plastics footwear.....	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-
3031	Reclaimed rubber.....	(D)	(D)	(D)	(D)	(D)	-	-	(D)	-	-	-
3041	Rubber and plastics hose and belting...	4.8	(D)	(D)	4.3	(D)	(D)	-	77	(D)	-	-
3069	Fabricated rubber products, n.e.c.....	31.3	5.5	(D)	28.9	3.8	(D)	(D)	1,264	126	(D)	-
3079	Miscellaneous plastics products.....	78.5	22.1	244.6	73.9	17.6	3,547	262	5,103	2,109	497	(D)
31	Leather and leather products.....	8.3	.8	10.3	7.9	3.0	716	(D)	1,521	(D)	(D)	(D)
3111	Leather tanning and finishing.....	7.6	(D)	(D)	7.3	3.0	716	(D)	(D)	(D)	(D)	(D)
3143	Men's footwear, except athletic.....	(D)	-	(D)	-	-	-	-	-	-	-	-
3144	Women's footwear, except athletic.....	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-
3161	Luggage.....	(D)	-	(D)	(D)	-	-	-	-	-	-	-
32	Stone, clay, and glass products....	219.4	50.3	474.9	191.9	34.1	5,364	338	8,311	1,637	1,471	121
3211	Flat glass.....	32.1	8.9	71.6	31.9	3.3	(D)	(D)	946	224	152	-
322	Glass, pressed or blown.....	23.7	6.7	122.9	21.2	8.8	2,143	65	2,839	359	588	(D)
3221	Glass containers.....	12.6	2.2	40.2	11.3	4.2	(D)	(D)	467	190	34	-
3229	Pressed and blown glass, n.e.c.....	11.1	4.5	82.8	9.9	4.5	(D)	(D)	2,372	169	554	(D)
3231	Products of purchased glass.....	6.1	1.4	9.9	6.0	(D)	316	(D)	184	(D)	(D)	-
3241	Cement, hydraulic.....	73.3	13.6	119.7	60.4	6.1	595	149	1,293	420	182	4
325	Structural clay products.....	.7	(D)	(D)	.5	(D)	(D)	(D)	21	(D)	-	-
3251	Brick and structural clay tile.....	(D)	-	(D)	-	-	-	-	-	-	-	-
3253	Ceramic wall and floor tile.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
3255	Clay refractories.....	.6	(D)	(D)	(D)	(D)	-	-	(D)	-	-	-
3259	Structural clay products, n.e.c.....	(D)	-	(D)	-	-	-	-	-	-	-	-
326	Pottery and related products.....	3.1	.6	7.5	2.7	1.3	430	(D)	397	34	63	(D)
3261	Vitreous plumbing fixtures.....	1.4	(D)	5.5	1.2	.6	276	-	136	17	(D)	-
3262	Vitreous china food utensils.....	.4	(D)	.4	.3	(D)	(D)	-	(D)	(D)	-	-
3263	Fine earthenware food utensils.....	.1	-	(D)	.1	(D)	(D)	-	(D)	-	-	-
3264	Porcelain electrical supplies.....	1.2	.1	(D)	1.0	.6	44	(D)	153	(D)	18	(D)
327	Concrete, gypsum, plaster products...	27.2	2.1	42.6	20.4	3.6	367	-	771	187	120	(D)
3271	Concrete block and brick.....	.4	(D)	.4	.4	(D)	(D)	-	9	9	-	-
3272	Concrete products, n.e.c.....	.7	(D)	(D)	.6	(D)	(D)	-	51	(D)	-	-
3273	Ready-mixed concrete.....	14.4	-	22.3	12.9	1.1	273	-	310	(D)	(D)	(D)
3274	Lime.....	6.0	1.5	11.2	3.7	1.8	60	-	250	28	(D)	4
3275	Gypsum products.....	5.6	.5	(D)	2.8	.3	(D)	-	151	136	3	-
3281	Cut stone and stone products.....	1.8	(D)	(D)	1.8	(D)	-	-	19	-	(D)	-
329	Miscellaneous nonmetallic mineral products.....	51.4	17.0	97.7	46.9	9.5	1,220	87	1,841	389	337	(D)
3291	Abrasive products.....	5.3	(D)	7.5	5.0	1.0	(D)	(D)	361	152	54	-
3292	Asbestos products.....	6.4	.9	16.9	5.9	3.1	919	(D)	468	21	61	(D)
3293	Gaskets, packing and sealing devices...	1.9	.2	2.3	1.8	.9	(D)	(D)	33	11	3	-
3295	Minerals, ground or treated.....	23.8	(D)	33.1	22.8	3.8	42	5.0	147	50	(D)	-
3296	Mineral wool.....	5.4	.9	25.5	3.4	.4	210	(D)	749	135	217	-
3297	Nonclay refractories.....	1.6	(D)	4.7	1.5	(D)	-	-	9	(D)	-	-
3299	Nonmetallic mineral products, n.e.c....	7.0	(D)	7.7	6.5	(D)	(D)	-	74	(D)	(D)	-
33	Primary metal industries.....	4,941.2	2,736.7	8,841.7	4,756.7	2,055.2	60,738	1,263	105,978	12,515	10,301	937
331	Blast furnace, basic steel products..	4,249.6	2,367.1	6,972.4	4,094.9	1,710.0	35,581	221	82,610	7,247	7,170	680
3312	Blast furnaces and steel mills.....	4,012.8	2,352.9	6,697.2	3,860.7	1,683.1	34,525	142	78,695	6,799	6,674	(D)
3313	Electrometallurgical products.....	(D)	(D)	230.9	(D)	(D)	228	(D)	1,258	192	228	-
3315	Steel wire and related products.....	(D)	(D)	16.2	(D)	(D)	276	(D)	835	96	78	-
3316	Cold finishing of steel shapes.....	14.2	4.0	18.4	14.0	(D)	377	6	1,427	138	159	(D)
3317	Steel pipe and tubes.....	(D)	(D)	9.6	(D)	(D)	175	-	395	22	31	-
332	Iron and steel foundries.....	57.9	8.0	245.3	53.0	23.7	2,813	467	2,800	127	337	(D)
3321	Gray iron foundries.....	47.2	7.8	219.1	42.7	21.7	2,729	467	2,281	106	308	(D)
3322	Malleable iron foundries.....	(D)	-	(D)	(D)	(D)	(D)	-	(D)	(D)	-	-
3324	Steel investment foundries.....	(D)	-	(D)	(D)	(D)	(D)	-	(D)	-	(D)	-
3325	Steel foundries, n.e.c.....	7.0	.2	15.4	6.8	1.2	5.0	-	414	(D)	15	(D)

See footnotes at end of table.

TABLE 1A. Selected Water Use Statistics for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake		Gross water used, including recirculated	Water discharged		Expenditures for new treatment plants	Expenditures for treatment of intake water prior to use ³	Annual cost to operate and maintain existing water treatment plant and equipment	Cost for treatment of intake water prior to use ⁴	Depreciation (included in annual cost data) ⁴	Equipment leasing (included in annual cost data) ⁴
		Total	Treated prior to use ¹		Total	Treated prior to discharge ²						
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(thousand dollars) ¹	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)
33	Primary metal industries--Con.											
333	Primary nonferrous metals.....	532.9	320.4	1,309.1	513.7	293.2	12,946	179	11,434	2,258	1,236	66
3331	Primary copper.....	50.2	14.1	154.4	38.1	1.5	7,937	-	2,454	458	29	-
3332	Primary lead.....	7.4	.9	21.2	4.8	.8	(D)	-	379	(D)	9	-
3333	Primary zinc.....	(D)	(D)	(D)	(D)	(D)	(D)	-	1,927	(D)	206	-
3334	Primary aluminum.....	175.6	(D)	721.9	172.8	(D)	422	(D)	3,998	676	693	(D)
3339	Primary nonferrous metals, n.e.c.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,676	1,054	299	(D)
3341	Secondary nonferrous metals.....	3.1	.3	8.7	2.8	.9	(D)	(D)	368	129	48	(D)
335	Nonferrous rolling and drawing.....	85.3	37.8	276.3	80.7	23.5	6,725	354	7,396	2,634	1,286	(D)
3351	Copper rolling and drawing.....	30.5	15.2	65.9	30.0	9.9	4,073	119	2,404	513	426	(D)
3353	Aluminum sheet, plate, and foil.....	24.8	17.8	116.2	23.3	7.6	828	89	1,708	876	348	-
3354	Aluminum extruded products.....	6.1	(D)	15.2	5.7	1.9	(D)	(D)	867	93	185	-
3355	Aluminum rolling and drawing, n.e.c....	2.9	(D)	4.2	2.9	(D)	-	-	79	13	(D)	-
3356	Nonferrous rolling and drawing, n.e.c....	7.6	1.2	26.1	6.3	(D)	(D)	-	980	250	176	-
3357	Nonferrous wire drawing and insulating..	13.2	2.9	48.6	12.5	1.0	623	(D)	1,358	889	(D)	-
336	Nonferrous foundries.....	7.3	2.5	19.4	6.9	2.0	1,079	15	948	100	143	(D)
3361	Aluminum foundries.....	5.3	(D)	16.6	5.0	1.7	877	15	405	32	63	(D)
3362	Brass, bronze, copper foundries.....	.5	(D)	.6	.5	(D)	(D)	-	-	-	-	-
3369	Nonferrous foundries, n.e.c.....	1.5	(D)	2.1	1.4	(D)	(D)	-	543	68	80	-
339	Miscellaneous primary metal products..	5.2	.5	10.5	4.7	1.9	(D)	(D)	422	20	81	-
3398	Metal heat treating.....	3.2	(D)	3.9	2.8	1.1	(D)	(D)	204	(D)	41	-
3399	Primary metal products, n.e.c.....	2.0	(D)	6.6	1.9	.8	422	(D)	218	(D)	40	-
34	Fabricated metal products.....	107.3	23.5	268.0	100.8	27.1	11,316	529	67,355	2,715	11,390	281
341	Metal cans, shipping containers.....	4.9	(D)	6.9	4.8	(D)	505	-	365	(D)	57	-
3411	Metal cans.....	4.1	(D)	(D)	4.0	(D)	505	-	(D)	(D)	(D)	-
3412	Metal barrels, drums, and pails.....	.8	(D)	(D)	.8	(D)	-	-	(D)	-	(D)	-
342	Cutlery, handtools and hardware.....	15.3	1.3	31.8	14.4	2.4	2,893	(D)	3,710	163	774	-
3421	Cutlery.....	4.8	(D)	(D)	(D)	-	37	-	16	(D)	-	-
3423	Hand and edge tools, n.e.c.....	1.5	(D)	3.4	1.5	(D)	299	(D)	134	(D)	19	-
3425	Hand saws and saw blades.....	.6	-	(D)	.6	-	-	-	-	-	-	-
3429	Hardware, n.e.c.....	8.4	1.1	22.7	(D)	(D)	2,557	(D)	3,560	141	755	-
343	Plumbing and heating, except electric	4.0	.7	10.4	3.7	(D)	431	(D)	541	106	72	(D)
3431	Metal sanitary ware.....	1.4	.5	4.2	1.3	(D)	(D)	-	284	(D)	8	(D)
3432	Plumbing fittings and brass goods.....	.7	(D)	1.6	.7	.1	(D)	-	64	12	(D)	-
3433	Heating equipment, except electric.....	1.8	(D)	4.6	1.7	(D)	210	(D)	193	(D)	(D)	-
344	Fabricated structural metal products..	8.1	1.3	17.2	7.8	1.6	990	(D)	834	249	69	(D)
3441	Fabricated structural metal.....	1.0	.2	(D)	.9	.1	(D)	-	36	10	-	-
3442	Metal doors, sash, and trim.....	2.3	.6	3.0	2.2	.7	(D)	-	466	58	50	(D)
3443	Fabricated platework, boiler shop.....	2.8	.3	4.4	2.7	.3	416	(D)	141	94	8.0	(D)
3444	Sheet metalwork.....	1.2	(D)	2.3	1.2	(D)	(D)	(D)	134	(D)	(D)	-
3446	Architectural metalwork.....	(D)	(D)	(D)	(D)	-	-	-	(D)	-	-	-
3448	Prefabricated metal buildings.....	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-
3449	Miscellaneous metalwork.....	.4	(D)	(D)	.4	(D)	(D)	-	(D)	(D)	(D)	-
345	Screw machine products, bolts, etc...	5.9	(D)	9.6	5.7	(D)	540	(D)	(D)	(D)	(D)	(D)
3451	Screw machine products.....	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-
3452	Bolts, nuts, rivets, and washers.....	(D)	(D)	(D)	(D)	(D)	540	(D)	(D)	(D)	(D)	(D)
346	Metal forgings and stampings.....	23.8	6.3	112.2	22.0	3.2	1,249	50	2,770	1,039	(D)	140
3462	Iron and steel forgings.....	6.2	1.0	13.5	5.6	.4	223	(D)	452	211	144	7
3463	Nonferrous forgings.....	1.9	.2	(D)	1.6	.4	(D)	-	(D)	(D)	-	-
3465	Automotive stampings.....	11.3	4.8	90.4	11.0	1.3	839	-	1,830	623	410	133
3466	Crowns and closures.....	.2	-	(D)	.2	-	-	-	(D)	-	(D)	-
3469	Metal stampings, n.e.c.....	4.1	.3	5.5	3.6	1.0	(D)	(D)	442	(D)	49	-
347	Metal services, n.e.c.....	12.7	.7	15.0	12.4	5.3	1,461	66	(D)	(D)	(D)	(D)
3471	Plating and polishing.....	11.6	.7	13.0	11.4	4.9	1,206	66	(D)	(D)	(D)	(D)
3479	Metal coating and allied services.....	1.1	-	2.0	1.1	.3	255	-	258	(D)	(D)	-
348	Ordinance and accessories, n.e.c.....	13.7	5.9	35.8	12.2	4.2	2,137	31	1,853	866	218	(D)
3482	Small arms ammunition.....	2.7	2.1	(D)	2.7	1.1	(D)	-	515	272	(D)	-
3483	Ammunition, except small arms, n.e.c....	6.4	2.3	16.8	5.6	2.2	1,470	(D)	961	404	(D)	(D)
3484	Small arms.....	1.7	.2	(D)	1.6	(D)	-	-	31	(D)	-	-
3489	Ordinance and accessories n.e.c.....	2.9	1.3	(D)	2.3	(D)	(D)	(D)	346	(D)	13	(D)
349	Miscellaneous fabricated metal products.....	19.0	6.6	29.0	17.8	6.7	1,110	69	992	147	141	(D)
3493	Steel springs, except wire.....	1.0	-	(D)	1.0	(D)	(D)	-	(D)	-	-	-
3494	Valves and pipe fittings.....	8.4	.5	14.5	8.2	(D)	276	(D)	221	34	28	(D)
3495	Wire springs.....	.3	(D)	(D)	.3	(D)	(D)	(D)	(D)	(D)	(D)	-
3496	Miscellaneous fabricated wire products..	6.6	(D)	7.0	5.7	(D)	(D)	(D)	297	89	67	-
3497	Metal foil and leaf.....	.9	(D)	(D)	.9	.2	559	-	281	(D)	(D)	-
3498	Fabricated pipe and fittings.....	.2	(D)	(D)	.2	(D)	-	-	(D)	(D)	-	-
3499	Fabricated metal products, n.e.c.....	1.7	(D)	3.9	1.5	.4	(D)	(D)	177	15	(D)	-

See footnotes at end of table.

TABLE 1A. Selected Water Use Statistics for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake		Gross water used, including recirculated	Water discharged		Expenditures for new treatment plants	Expenditures for treatment of intake water prior to use ³	Annual cost to operate and maintain existing water treatment plant and equipment	Cost for treatment of intake water prior to use ⁴	Depreciation (included in annual cost data) ⁴	Equipment leasing (included in annual cost data) ⁴
		Total	Treated prior to use ¹		Total	Treated prior to discharge ²						
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)
35	Machinery, except electrical.....	171.2	35.6	438.3	165.1	40.7	11,097	754	9,938	1,726	2,237	111
351	Engines and turbines.....	60.8	7.7	94.4	59.9	13.5	5,171	(D)	1,073	178	287	(D)
3511	Turbines, turbine generator sets.....	48.7	(D)	61.5	48.6	10.5	442	-	236	54	22	-
3519	Internal combustion engines, n.e.c....	12.2	(D)	32.9	11.4	3.0	4,729	(D)	837	124	265	(D)
352	Farm and garden machinery.....	22.0	(D)	36.2	21.6	(D)	858	(D)	288	83	(D)	-
3523	Farm machinery and equipment.....	21.4	(D)	(D)	21.0	(D)	858	(D)	(D)	(D)	(D)	-
3524	Lawn and garden equipment.....	.6	(D)	(D)	.6	-	-	-	(D)	(D)	-	-
353	Construction and related machinery...	20.4	11.4	82.1	18.9	5.8	2,632	-	1,632	219	170	34
3531	Construction machinery.....	16.3	9.3	60.4	15.4	(D)	(D)	-	1,409	176	107	(D)
3532	Mining machinery.....	1.8	(D)	(D)	1.7	-	-	-	39	12	(D)	-
3533	Oilfield machinery.....	1.4	(D)	(D)	.7	(D)	(D)	-	60	10	(D)	(D)
3534	Elevators and moving stairways.....	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	(D)	-
3535	Conveyors and conveying equipment.....	(D)	-	(D)	(D)	(D)	-	-	(D)	-	-	-
3536	Hoists, cranes, and monorails.....	.2	(D)	(D)	.2	-	-	-	(D)	(D)	(D)	-
3537	Industrial trucks and tractors.....	.4	(D)	4.9	.3	(D)	-	-	101	(D)	(D)	-
354	Metalworking machinery.....	6.0	1.0	14.8	5.8	(D)	(D)	-	302	72	(D)	-
3541	Machine tools, metal-cutting.....	1.9	.3	4.6	1.7	.4	-	-	166	33	(D)	-
3542	Machine tools, metal-forming.....	.2	(D)	(D)	.2	(D)	-	-	(D)	-	-	-
3544	Special dies, tools, jigs, etc.....	.5	(D)	.9	.5	(D)	-	-	(D)	(D)	-	-
3545	Machine tool accessories.....	1.4	(D)	3.9	1.4	.2	-	-	64	19	7	-
3546	Power-driven handtools.....	1.0	.4	3.2	.9	(D)	(D)	-	57	(D)	-	-
3547	Rolling mill machinery.....	.8	(D)	1.6	.8	(D)	-	-	(D)	-	-	-
3549	Metalworking machinery, n.e.c.....	.1	-	(D)	.1	-	-	-	(D)	-	-	-
355	Special industry machinery.....	5.1	(D)	18.1	4.9	1.1	(D)	-	1,147	377	609	-
3551	Food products machinery.....	.4	(D)	(D)	.4	.1	(D)	-	11	-	(D)	-
3552	Textile machinery.....	1.5	(D)	2.8	1.4	.6	105	-	(D)	(D)	(D)	-
3553	Woodworking machinery.....	.5	(D)	1.3	.4	.2	(D)	-	30	-	-	-
3554	Paper industries machinery.....	(D)	-	(D)	(D)	-	-	-	-	-	-	-
3555	Printing trades machinery.....	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-
3559	Special industry machinery, n.e.c.....	1.8	.4	12.4	1.7	.3	(D)	-	(D)	(D)	(D)	-
356	General industrial machinery.....	14.7	2.3	46.2	12.9	1.9	276	77	953	129	118	(D)
3561	Pumps and pumping equipment.....	2.8	(D)	4.3	2.5	(D)	(D)	-	139	24	18	-
3562	Ball and roller bearings.....	7.3	.2	33.9	5.9	.8	172	(D)	573	67	72	(D)
3563	Air and gas compressors.....	1.0	-	1.5	1.0	(D)	(D)	(D)	53	24	(D)	-
3564	Blowers and fans.....	.3	(D)	.3	.3	-	-	-	-	-	-	-
3566	Speed changers, drives, and gears.....	.9	(D)	(D)	.9	(D)	-	-	(D)	(D)	(D)	-
3567	Industrial furnaces and ovens.....	.1	(D)	.8	.1	(D)	(D)	(D)	(D)	(D)	-	-
3568	Power transmission equipment, n.e.c....	1.9	1.0	2.5	1.9	.6	29	(D)	110	8	(D)	-
3569	General industrial machinery, n.e.c....	.4	(D)	(D)	.4	(D)	-	-	(D)	-	-	-
357	Office and computing machines.....	18.7	2.5	53.8	18.3	1.1	864	231	2,171	432	230	(D)
3573	Electronic computing equipment.....	15.3	1.3	41.0	15.1	.7	685	(D)	1,483	381	178	(D)
3574	Calculating and accounting machines...	2.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
3576	Scales, balances, except laboratory...	(D)	(D)	(D)	(D)	(D)	-	-	(D)	-	-	-
3579	Office machines, typewriters, etc.....	(D)	(D)	(D)	(D)	(D)	(D)	-	499	(D)	(D)	-
358	Refrigeration and service machines...	20.5	1.7	44.9	20.0	7.7	320	25	2,142	199	704	-
3581	Automatic merchandising machines.....	(D)	(D)	(D)	.2	(D)	-	-	(D)	-	-	-
3582	Commercial laundry equipment.....	(D)	(D)	.2	.2	(D)	(D)	(D)	(D)	(D)	-	-
3585	Refrigeration and heating equipment...	18.7	1.6	39.6	18.2	7.7	(D)	(D)	2,088	182	704	-
3586	Measuring and dispensing pumps.....	1.1	(D)	(D)	1.1	(D)	-	-	-	-	-	-
3589	Service industry machinery, n.e.c.....	.4	(D)	(D)	.3	(D)	-	-	(D)	(D)	-	-
359	Miscellaneous machinery, except electric.....	2.9	.5	47.8	2.8	(D)	738	(D)	230	37	63	-
3592	Carburetors, pistons, rings, etc.....	2.1	.3	(D)	(D)	(D)	(D)	(D)	195	(D)	(D)	-
3599	Machinery, except electrical, n.e.c....	.9	.2	(D)	(D)	(D)	(D)	(D)	35	(D)	(D)	-
36	Electric and electronic equipment..	104.3	19.5	1,043.0	97.0	31.1	17,858	2,186	24,702	7,271	3,755	286
361	Electric distributing equipment.....	5.9	.4	13.6	5.7	1.6	743	-	900	81	145	-
3612	Transformers.....	2.6	.2	7.1	2.5	(D)	176	-	369	10	116	-
3613	Switchgear and switchboard apparatus...	3.3	.2	6.4	3.1	(D)	567	-	531	71	29	-
362	Electrical industrial apparatus.....	15.2	2.1	38.1	14.7	3.5	(D)	(D)	730	61	(D)	(D)
3621	Motors and generators.....	6.0	(D)	22.8	5.8	(D)	131	-	359	(D)	16	-
3622	Industrial controls.....	3.3	(D)	6.9	3.3	.5	(D)	-	271	21	5	(D)
3623	Welding apparatus, electric.....	.3	(D)	.7	.3	.1	(D)	-	38	-	(D)	-
3624	Carbon and graphite products.....	3.8	.5	5.3	3.8	(D)	7	(D)	40	26	10	-
3629	Electric industrial apparatus, n.e.c....	1.7	1.3	2.3	1.6	(D)	-	-	22	(D)	-	-

See footnotes at end of table.

TABLE 1A. Selected Water Use Statistics for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake		Gross water used, including recirculated	Water discharged		Expenditures for new treatment plants	Expenditures for treatment of intake water prior to use ³	Annual cost to operate and maintain existing water treatment plant and equipment	Cost for treatment of intake water prior to use ⁴	Depreciation (included in annual cost data) ⁴	Equipment leasing (included in annual cost data) ⁴
		Total	Treated prior to use ¹		Total	Treated prior to discharge ²						
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)
36	Electric and electronic equipment--Continued											
363	Household appliances.....	15.5	1.6	37.6	14.3	4.5	2,121	(D)	2,822	174	683	(D)
3631	Household cooking equipment.....	1.5	.2	3.3	1.3	(D)	481	(D)	583	25	(D)	-
3632	Household refrigerators and freezers...	4.9	.7	12.2	4.4	1.2	56	-	652	17	197	-
3633	Household laundry equipment.....	3.2	.3	10.1	3.1	1.2	1,020	-	858	(D)	(D)	-
3634	Electric housewares and fans.....	2.8	(D)	(D)	2.6	.7	131	-	462	29	96	(D)
3635	Household vacuum cleaners.....	(D)	(D)	(D)	(D)	(D)	(D)	-	129	(D)	4	-
3636	Sewing machines.....	(D)	-	(D)	(D)	(D)	(D)	-	(D)	-	(D)	-
3639	Household appliances, n.e.c.....	1.9	(D)	3.4	1.9	.4	(D)	-	(D)	-	(D)	-
364	Electric lighting and wiring equipment.....	10.5	1.9	18.7	9.1	3.1	448	31	1,157	352	273	(D)
3641	Electric lamps.....	1.7	.4	2.5	1.7	.1	21	-	105	34	5	(D)
3643	Current-carrying wiring devices.....	3.0	(D)	5.2	2.8	1.2	116	(D)	142	(D)	8	-
3644	Noncurrent-carrying wiring devices.....	1.8	-	3.1	1.8	.7	186	-	70	5	6	-
3645	Residential lighting fixtures.....	.5	-	.6	.5	(D)	(D)	-	40	(D)	3	-
3646	Commercial lighting fixtures.....	.4	(D)	.5	.4	-	(D)	-	8	-	-	-
3647	Vehicular lighting equipment.....	2.4	(D)	(D)	1.2	(D)	(D)	(D)	686	(D)	244	-
3648	Lighting equipment, n.e.c.....	.8	(D)	(D)	.8	.5	18	-	106	10	7	-
365	Radio and TV receiving equipment.....	3.7	.6	12.9	3.7	.7	(D)	(D)	633	358	(D)	(D)
3651	Radio and TV receiving sets.....	2.9	.5	(D)	2.8	(D)	(D)	(D)	497	(D)	(D)	-
3652	Phonograph records and prerecorded tape	.8	.2	(D)	.9	(D)	25	(D)	136	(D)	(D)	(D)
366	Communication equipment.....	17.0	2.6	124.9	15.2	3.6	5,716	282	5,233	1,476	835	53
3661	Telephone and telegraph apparatus.....	7.5	1.3	(D)	6.3	1.9	(D)	(D)	3,554	841	631	(D)
3662	Radio and TV communication equipment...	9.6	1.3	(D)	8.9	1.8	(D)	(D)	1,679	635	204	(D)
367	Electronic components and accessories	25.4	9.5	769.4	23.9	10.2	5,321	1,813	10,515	4,676	1,429	212
3671	Electron tubes, receiving type.....	.9	(D)	4.0	.8	-	(D)	(D)	24	17	(D)	(D)
3672	Cathode ray TV picture tubes.....	3.1	2.2	12.9	3.0	.7	454	(D)	1,028	594	141	-
3673	Electron tubes, transmitting.....	2.4	.2	4.9	2.4	.6	(D)	-	264	64	(D)	(D)
3674	Semiconductors, related devices.....	8.8	2.9	720.2	8.1	5.5	1,692	470	5,903	2,749	861	161
3675	Electronic capacitors.....	3.0	.8	3.6	2.9	.8	(D)	(D)	209	78	39	-
3676	Electronic resistors.....	.6	.2	(D)	.6	(D)	12	(D)	26	8	(D)	-
3677	Electronic coils and transformers.....	.6	(D)	(D)	.6	(D)	(D)	(D)	106	(D)	28	-
3678	Electronic connectors.....	.6	.2	.7	.6	.3	(D)	(D)	49	(D)	12	-
3679	Electronic components, n.e.c.....	5.5	2.3	21.5	5.1	2.0	1,868	73	2,906	1,133	292	(D)
369	Miscellaneous electric equipment and supplies.....	11.0	.8	28.0	10.3	3.9	967	(D)	2,712	93	295	-
3691	Storage batteries.....	3.5	.1	5.0	3.4	2.5	449	-	940	26	80	-
3692	Primary batteries, dry and wet.....	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
3693	X-Ray apparatus and tubes.....	.9	(D)	(D)	.9	(D)	(D)	-	(D)	(D)	(D)	-
3694	Engine electrical equipment.....	5.8	.6	21.1	5.3	1.1	458	-	1,481	38	199	-
3699	Electrical equipment and supplies, n.e.c.....	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-
37	Transportation equipment.....	242.3	42.9	1,967.4	227.2	43.1	18,149	478	43,079	4,386	7,267	157
371	Motor vehicles and equipment.....	110.9	25.0	1,700.8	103.9	28.0	15,581	379	31,873	1,882	5,286	16
3711	Motor vehicles and car bodies.....	51.0	(D)	(D)	47.3	(D)	8,344	(D)	8,667	1,086	2,269	(D)
3713	Truck and bus bodies.....	(D)	(D)	(D)	.4	(D)	(D)	-	-	-	-	-
3714	Motor vehicle parts and accessories....	58.7	18.8	(D)	56.2	18.9	(D)	(D)	23,206	796	3,017	(D)
3715	Truck trailers.....	(D)	-	(D)	-	-	-	-	-	-	-	-
372	Aircraft and parts.....	94.0	13.0	168.0	88.7	12.6	2,120	-	6,372	732	1,423	30
3721	Aircraft.....	25.0	1.1	65.1	23.8	2.9	65	-	2,079	514	(D)	(D)
3724	Aircraft engines and engine parts.....	59.3	10.6	81.7	56.9	8.7	2,043	-	2,924	(D)	(D)	-
3728	Aircraft equipment, n.e.c.....	9.8	1.3	21.3	8.0	.9	12	-	1,369	(D)	106	(D)
3731	Ship building and repairing.....	25.8	2.1	(D)	24.9	.7	(D)	(D)	1,706	1,138	82	-
3743	Railroad equipment.....	3.6	.8	22.8	3.0	(D)	-	-	335	(D)	59	-
3751	Motorcycles, bicycles, and parts.....	(D)	(D)	2.6	1.4	(D)	(D)	-	423	(D)	40	-
376	Guided missiles and space vehicles...	6.1	1.8	39.8	4.9	.6	178	(D)	2,370	583	377	111
3761	Guided missiles and space vehicles....	2.9	(D)	24.8	2.5	.2	(D)	(D)	1,196	(D)	(D)	(D)
3764	Space propulsion units and parts.....	2.4	1.8	7.0	1.7	.1	(D)	(D)	1,061	462	(D)	(D)
3769	Space vehicle equipment, n.e.c.....	.8	(D)	7.9	.6	.3	-	-	113	(D)	(D)	-
379	Miscellaneous transportation equipment	(D)	(D)	(D)	.4	(D)	-	-	-	-	-	-
3795	Tanks and tank components.....	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-
3799	Transportation equipment, n.e.c.....	(D)	-	(D)	(D)	(D)	-	-	-	-	-	-

See footnotes at end of table.

TABLE 1A. Selected Water Use Statistics for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake		Gross water used, including recirculated	Water discharged		Expenditures for new treatment plants	Expenditures for treatment of intake water prior to use ³	Annual cost to operate and maintain existing water treatment plant and equipment	Cost for treatment of intake water prior to use ⁴	Depreciation (included in annual cost data) ⁴	Equipment leasing (included in annual cost data) ⁴
		Total	Treated prior to use ¹		Total	Treated prior to discharge ²						
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)	(thousand dollars)
38	Instruments and related products...	37.4	22.6	135.4	34.8	16.4	4,352	637	10,570	3,346	2,508	36
3811	Engineering and scientific instruments.	.9	.4	(D)	.8	(D)	(D)	-	22	16	(D)	(D)
382	Measuring and controlling devices....	5.4	1.5	10.7	5.2	1.2	1,068	230	997	179	69	27
3822	Environmental controls.....	1.7	.7	(D)	1.6	.3	431	(D)	178	8	18	-
3823	Process control instruments.....	.7	(D)	2.3	.7	.2	(D)	(D)	125	21	(D)	-
3824	Fluid meters and counting devices.....	.3	(D)	.6	.3	(D)	(D)	-	(D)	-	-	-
3825	Instruments to measure electricity....	2.4	.6	4.2	2.3	.6	599	(D)	536	150	38	27
3829	Measuring and controlling devices, n.e.c.....	.3	(D)	(D)	.3	(D)	-	-	(D)	-	(D)	-
3832	Optical instruments and lenses.....	.1	-	(D)	.1	-	-	-	-	-	-	-
384	Medical instruments and supplies....	3.5	(D)	5.2	3.5	.7	(D)	(D)	433	190	61	(D)
3841	Surgical and medical instruments.....	2.0	(D)	3.6	2.1	(D)	(D)	(D)	244	(D)	(D)	-
3842	Surgical appliances and supplies.....	1.4	.5	(D)	1.3	(D)	(D)	(D)	155	120	(D)	(D)
3843	Dental equipment and supplies.....	.1	(D)	(D)	.1	-	41	(D)	34	(D)	(D)	-
3851	Ophthalmic goods.....	6.2	(D)	(D)	6.0	(D)	(D)	-	223	(D)	9	-
3861	Photographic equipment and supplies....	20.7	14.5	108.2	18.6	13.6	2,398	(D)	8,868	2,895	2,360	-
3873	Watches, clocks, and watchcases.....	.6	.3	1.3	.6	(D)	(D)	(D)	27	(D)	(D)	-
39	Miscellaneous manufacturing industries.....	12.1	2.2	26.4	11.7	2.5	1,111	-	1,547	262	236	63
391	Jewelry, silver and plated ware.....	1.0	.1	(D)	1.0	.2	-	-	191	-	(D)	-
3911	Jewelry, precious metal.....	(D)	-	(D)	(D)	(D)	-	-	-	-	-	-
3914	Silverware and plated ware.....	.7	.1	.9	.7	(D)	-	-	191	-	(D)	-
3931	Musical instruments.....	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	(D)
394	Toys and sporting goods.....	3.2	.2	5.9	3.3	(D)	(D)	-	419	40	41	-
3944	Games, toys, children's vehicles.....	1.1	-	(D)	1.1	(D)	(D)	-	(D)	(D)	(D)	-
3949	Sporting and athletic goods, n.e.c....	2.2	.1	(D)	2.2	(D)	(D)	-	(D)	(D)	(D)	-
3951	Pens and mechanical pencils.....	.5	(D)	(D)	(D)	(D)	-	-	(D)	-	(D)	-
3952	Lead pencils and art goods.....	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-
3955	Carbon paper and inked ribbons.....	(D)	-	(D)	-	-	-	-	(D)	-	-	-
396	Costume jewelry and notions.....	2.7	(D)	5.4	2.7	.5	(D)	-	534	161	100	(D)
3961	Costume jewelry.....	(D)	(D)	(D)	.2	.1	(D)	-	78	(D)	(D)	-
3963	Buttons.....	(D)	-	(D)	-	-	-	-	-	-	-	-
3964	Needles, pins, and fasteners.....	2.5	(D)	(D)	2.5	.4	(D)	-	456	(D)	(D)	(D)
399	Miscellaneous manufactures.....	4.4	.3	(D)	4.0	1.4	(D)	-	363	57	56	(D)
3991	Brooms and brushes.....	.8	-	(D)	.7	(D)	-	-	-	-	-	-
3993	Signs and advertising displays.....	(D)	-	(D)	(D)	-	-	-	-	-	-	-
3995	Burial caskets.....	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-
3996	Hard surface floor coverings.....	1.8	.2	(D)	1.4	(D)	-	-	222	(D)	(D)	(D)
3999	Manufacturing industries, n.e.c.....	1.7	(D)	1.8	1.7	.9	(D)	-	141	(D)	(D)	-

Note: Figures shown for industry groups (3-digit) and major groups (2-digit) include data for all component industries whether or not separate figures are shown for individual industries in the group.

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

¹Included in total water intake.

²Included in total water discharged.

³Included in expenditures for new treatment plants.

⁴Included in annual cost to operate and maintain existing water treatment plant and equipment.

⁵All industries, except those in SIC Major Group 23, Apparel and Other Textile Products, and 27, Printing and Publishing, were candidates for inclusion in this survey. Specific 4-digit industries in other major groups not listed in this table had no establishments with use of 20 million gallons of water or more in 1973.

TABLE 1B. Selected Water Use Statistics for Geographic Divisions and States: 1973

Geographic division and State	Total establishments ¹ (number)	Establishments reporting consumption of 20 million gallons of water or more				Water intake		Gross water used, including recirculated (billion gallons)	Water discharged		Expenditures for new treatment plants (thousand dollars)	Annual cost to operate and main- tain existing water treatment plant and equipment (thousand dollars)
		Total (number)	Percent of total	Reporting treatment		Total (billion gallons)	Treated prior to use ³ (billion gallons)		Total (billion gallons)	Treated prior to discharge ⁴ (billion gallons)		
				Number	Percent ²							
United States, total.....	254,051	10,668	4.2	7,619	71.4	15,024.3	7,376.3	43,412.6	14,143.5	6,156.3	511,062	865,514
New England Div..	19,737	766	3.8	503	65.7	670.1	258.2	1,156.7	655.9	109.1	26,437	22,751
Maine.....	1,875	80	4.3	54	67.5	169.2	125.4	407.9	167.0	38.0	6,560	3,899
New Hampshire.....	1,227	55	4.5	33	60.0	26.0	17.6	68.4	23.3	2.9	1,698	1,049
Vermont.....	717	37	5.2	21	56.8	6.5	3.5	11.9	6.2	3.2	504	935
Massachusetts.....	8,541	299	3.5	194	64.9	151.9	36.3	255.5	148.2	19.7	3,978	7,802
Rhode Island.....	2,493	65	2.6	32	49.2	14.4	1.4	21.4	13.6	3.1	2,664	1,177
Connecticut.....	4,884	230	4.7	169	73.5	302.2	73.9	391.5	297.6	42.3	11,033	7,889
Middle Atlantic Division.....	49,392	1,679	3.4	1,183	70.5	2,355.5	1,167.2	5,186.1	2,253.2	850.1	71,590	114,095
New York.....	23,691	519	2.2	353	68.0	513.8	280.4	975.2	491.3	179.7	25,226	32,822
New Jersey.....	11,474	433	3.8	316	73.0	407.0	215.5	846.5	384.3	231.7	16,509	31,637
Pennsylvania.....	14,227	727	5.1	514	70.7	1,434.7	671.4	3,364.3	1,377.6	438.6	29,855	49,636
East North Cen- tral Division...	54,849	2,785	5.1	1,911	68.6	3,875.2	1,980.1	8,762.6	3,684.0	1,548.7	100,611	193,727
Ohio.....	14,127	770	5.5	543	70.5	1,019.6	390.6	2,674.5	964.9	374.6	17,175	46,380
Indiana.....	6,271	389	6.2	278	71.5	1,221.9	689.9	2,067.2	1,178.3	478.8	24,110	32,369
Illinois.....	14,975	709	4.7	485	68.4	504.6	217.9	1,645.1	493.5	196.6	27,286	49,038
Michigan.....	12,733	514	4.0	345	67.1	868.9	531.8	1,764.4	803.0	398.3	19,714	52,255
Wisconsin.....	6,743	403	6.0	260	64.5	260.3	149.8	611.5	244.2	100.4	12,326	13,685
West North Cen- tral Division...	16,827	777	4.6	548	70.5	385.6	177.3	1,634.7	348.8	136.1	16,305	29,413
Minnesota.....	4,640	203	4.4	135	66.5	90.2	48.9	246.7	83.5	33.8	4,746	4,927
Iowa.....	2,623	166	6.3	122	73.5	136.6	66.7	237.9	125.2	45.8	2,977	7,304
Missouri.....	5,218	210	4.0	144	68.6	89.9	28.5	714.9	81.4	32.9	1,757	9,735
North Dakota.....	360	9	2.5	7	77.8	2.2	1.5	19.9	1.7	1.5	(D)	577
South Dakota.....	424	10	2.4	8	80.0	1.9	.4	4.3	1.9	1.3	(D)	80
Nebraska.....	1,326	78	5.9	55	70.5	26.6	14.1	96.3	24.6	7.1	2,459	2,526
Kansas.....	2,236	101	4.5	77	76.2	38.2	17.3	314.8	30.7	13.7	4,246	4,264
South Atlantic Division.....	33,423	1,587	4.7	1,174	72.7	2,287.5	1,197.4	6,153.6	2,138.3	926.7	103,695	124,222
Delaware.....	465	47	10.1	40	85.1	184.6	13.0	318.6	182.6	(D)	10,620	(D)
Maryland.....	2,496	137	5.5	98	71.5	372.3	329.4	555.7	341.9	119.6	8,053	10,351
Dist. of Columbia..	206	4	1.9	1	25.0	.2	-	.8	.2	-	(D)	(D)
Virginia.....	3,979	177	4.4	130	73.4	306.5	123.4	862.7	283.2	(D)	12,693	14,488
West Virginia.....	1,491	86	5.8	68	79.1	533.7	289.8	749.3	511.8	175.8	15,345	9,869
North Carolina.....	7,368	401	5.4	279	69.6	190.4	119.8	792.3	175.0	92.9	19,544	16,606
South Carolina.....	3,172	267	8.4	193	72.3	146.4	65.5	611.7	134.9	81.3	5,745	16,540
Georgia.....	6,344	286	4.5	236	75.5	262.4	145.4	1,009.8	243.5	131.6	11,590	34,572
Florida.....	7,902	182	2.3	130	71.4	290.9	110.9	1,252.7	265.2	128.1	20,105	14,593
East South Cen- tral Division...	13,813	780	5.6	584	74.9	1,077.2	452.7	3,391.5	1,001.2	372.4	32,039	109,443
Kentucky.....	2,607	172	6.6	137	79.6	126.3	52.6	703.8	108.3	30.8	6,716	43,776
Tennessee.....	4,571	259	5.6	197	76.1	427.3	145.5	1,021.8	406.7	116.4	8,154	39,858
Alabama.....	4,333	236	5.4	177	75.0	396.3	206.1	1,190.0	370.6	175.8	12,855	17,830
Mississippi.....	2,302	113	4.9	73	64.6	127.2	48.4	475.8	115.6	49.4	4,314	7,979
West South Cen- tral Division...	19,678	892	4.5	652	73.1	3,128.6	1,562.8	12,336.6	2,945.9	1,671.6	93,342	174,047
Arkansas.....	2,538	149	5.9	100	67.1	81.9	53.8	232.5	73.5	55.1	3,671	8,992
Louisiana.....	3,102	212	6.8	165	77.8	1,349.8	343.7	3,381.1	1,299.3	466.0	35,429	43,929
Oklahoma.....	2,419	83	3.4	60	72.3	27.2	8.5	270.7	18.8	8.3	3,108	6,195
Texas.....	11,619	448	3.9	327	73.0	1,669.8	1,156.8	8,452.2	1,554.4	1,142.3	51,134	114,931
Mountain Division	8,288	299	3.6	226	75.6	208.2	95.4	1,059.3	171.1	83.8	17,728	30,602
Montana.....	824	32	3.9	29	90.6	47.9	27.0	89.7	39.2	14.2	1,843	2,997
Idaho.....	1,060	57	5.4	47	82.5	40.9	18.4	122.7	38.6	17.6	6,319	15,320
Wyoming.....	308	12	3.9	11	91.7	5.9	2.9	39.4	4.8	(D)	(D)	1,574
Colorado.....	2,264	77	3.4	53	68.8	52.1	35.0	158.4	43.0	32.7	1,550	2,502
New Mexico.....	755	20	2.6	12	60.0	3.6	1.3	10.0	2.9	(D)	75	442
Arizona.....	1,639	47	2.9	34	72.3	19.0	4.1	147.5	10.5	3.6	(D)	3,823
Utah.....	1,097	41	3.7	32	78.0	32.5	5.9	476.6	27.0	12.5	(D)	3,777
Nevada.....	341	13	3.8	8	61.5	6.2	.8	15.1	5.1	.3	(D)	167
Pacific Division.	38,044	1,103	2.9	838	76.0	1,037.9	485.1	3,732.7	947.8	457.9	49,315	67,214
Washington.....	4,642	167	3.6	128	76.6	362.2	227.7	1,141.2	328.1	164.4	18,611	11,983
Oregon.....	4,171	176	4.2	128	72.7	157.1	83.8	549.6	150.0	96.4	6,473	9,437
California.....	28,404	721	2.5	550	76.3	430.4	150.7	1,652.5	387.6	150.6	20,814	42,949
Alaska.....	291	12	4.1	10	83.3	32.1	(D)	283.2	31.8	(D)	2,692	1,104
Hawaii.....	536	27	5.0	22	81.5	56.0	(D)	106.3	50.3	(D)	725	1,741

Note: Figures shown for divisions include data for all States within division whether or not separate figures are shown for individual State.

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

¹Source: 1972 Census of Manufactures.²Represents percentage of establishments with consumption of 20 million gallons or more in 1973 which treated water at intake, recirculation, and/or at discharge.³Included in total water intake.⁴Included in total water discharged.

TABLE 1C. Selected Water Use Statistics for Water Use Regions : 1973

Water Use Region ¹	Establishments reporting consumption of 20 million gallons of water or more			Water intake		Gross water used, including recirculated (billion gallons)	Water discharged		Expenditures for new treatment plants (thousand dollars)	Annual cost to operate and main- tain existing water treatment plant and equipment (thousand dollars)
	Total	Reporting treatment		Total	Treated prior to use ² (billion gallons)		Total	Treated prior to discharge ³ (billion gallons)		
		Number	Percent							
United States, total.....	10,668	7,619	71.4	15,024.3	7,376.3	43,412.6	14,143.5	6,156.3	511,062	865,514
New England.....	744	492	66.1	665.4	255.9	1,151.2	651.4	106.6	25,973	22,141
Middle Atlantic.....	1,504	1,045	69.5	1,857.4	938.2	4,465.2	1,745.8	755.9	79,157	105,548
South Atlantic.....	1,405	1,040	74.0	1,280.2	583.8	5,087.5	1,171.8	634.8	69,274	102,198
Great Lakes.....	1,981	1,314	66.3	3,324.5	1,897.2	6,545.2	3,161.8	1,362.3	80,282	150,693
Ohio.....	1,246	945	75.8	2,288.2	992.8	4,908.5	2,200.1	680.2	47,517	116,157
Tennessee.....	262	196	74.8	529.0	238.1	1,257.6	504.4	144.4	13,503	40,959
Upper Mississippi.....	787	550	69.9	513.0	219.6	1,655.1	471.7	182.8	25,425	36,413
Lower Mississippi.....	373	275	73.7	1,451.6	407.2	4,042.3	1,390.2	509.8	39,197	56,366
Souris-Red-Rainy.....	21	14	66.7	(D)	(D)	38.2	(D)	(D)	163	735
Missouri.....	318	233	73.3	133.3	55.0	566.0	114.5	44.8	9,771	13,587
Arkansas, White and Red.....	321	235	73.2	228.9	112.5	1,458.7	194.5	135.0	7,938	19,410
Texas Gulf.....	395	282	71.4	1,487.8	1,041.4	7,573.1	1,388.2	1,004.4	49,329	108,402
Rio Grande.....	27	19	70.4	(D)	(D)	125.4	(D)	(D)	180	856
Upper Colorado.....	5	5	10.0	.7	.4	1.5	.6	(D)	6	198
Lower Colorado.....	58	41	70.7	24.5	4.7	165.8	14.7	3.8	(D)	4,186
Great Basin.....	48	36	75.0	34.4	6.4	478.5	28.6	12.8	402	3,785
Columbia-North Pacific.....	409	311	76.0	581.6	347.7	1,847.4	532.7	290.0	31,453	37,952
California-South Pacific.....	725	554	76.4	433.0	153.9	1,655.9	389.9	151.0	20,914	43,083
Alaska.....	12	10	83.3	32.1	(D)	283.2	31.8	(D)	2,692	1,104
Hawaii.....	27	22	81.5	56.0	6.7	106.3	50.3	(D)	(D)	1,741

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

¹See text and maps for definitions.

²Included in total water intake.

³Included in total water discharged.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind, for Industry Groups and Industries: 1973

SIC code	Industry group and industry	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	ALL INDUSTRIES* TOTAL	7093.0	172760.3	389717.6	10668	43412.6	15024.3	12194.9	1635.9	8693.1	1514.6	348.7
20	FOOD AND KINDRED PRODUCTS. . .	690.2	17526.3	59533.0	2556	1579.8	803.8	628.2	210.9	140.7	260.8	14.9
201	MEAT PRODUCTS.	134.4	2940.6	19982.3	531	107.0	108.6	107.3	51.2	(D)	53.6	(D)
2011	MEATPACKING PLANTS.	103.9	1968.6	15721.7	247	117.3	64.3	68.1	23.3	(D)	42.6	(D)
2013	SAUSAGES AND OTHER PREPARED MEATS.	20.1	410.2	1748.7	73	13.7	7.6	7.6	5.5	-	2.0	-
2016	POULTRY DRESSING PLANTS.	52.5	473.1	2205.2	186	32.7	28.5	28.5	20.4	.2	7.9	-
2017	POULTRY AND EGG PROCESSING.	8.0	88.8	306.8	25	3.2	3.1	3.1	2.0	-	1.1	-
202	DAIRY PRODUCTS.	64.6	1499.1	6471.2	479	79.7	43.3	42.9	17.6	6.0	18.8	-
2021	CREAMERY BUTTER.	(D)	(D)	(D)	26	3.5	(D)	(D)	(D)	(D)	(D)	-
2022	CHEESE, NATURAL AND PROCESSED. . . .	8.6	150.5	1272.0	65	11.0	6.5	6.5	2.2	1.2	3.1	-
2023	CONDENSED AND EVAPORATED MILK. . . .	5.5	269.6	783.4	67	18.7	10.6	(D)	(D)	(D)	(D)	-
2024	ICE CREAM AND FROZEN DESSERTS. . . .	(D)	(D)	(D)	38	4.5	(D)	(D)	(D)	-	(D)	-
2026	FLUID MILK.	44.6	947.6	3764.6	283	42.0	21.4	(D)	(D)	(D)	(D)	-
203	PRESERVED FRUITS AND VEGETABLES.	148.1	2984.3	7669.7	493	226.4	126.9	125.1	40.7	11.3	73.1	-
2032	CANNED SPECIALTIES.	24.2	690.8	1619.8	43	26.5	22.8	(D)	(D)	(D)	(D)	-
2033	CANNED FRUITS AND VEGETABLES.	57.7	1128.7	2751.8	262	84.7	38.4	37.3	14.7	.9	21.7	-
2034	DEHYD. FRUITS, VEGETABLES, SOUPS. . . .	7.2	109.7	320.6	30	14.1	6.3	6.3	1.6	-	4.7	-
2035	PICKLES, SAUCES, SALAD DRESSINGS. . . .	6.8	119.3	376.2	23	5.5	2.7	(D)	(D)	-	(D)	-
2037	FROZEN FRUITS AND VEGETABLES.	31.4	541.5	1458.6	96	88.1	50.4	50.4	(D)	(D)	39.2	-
2038	FROZEN SPECIALTIES.	20.7	394.2	1142.5	39	7.6	6.3	6.3	4.5	-	1.6	-
204	GRAIN MILL PRODUCTS.	36.6	1625.2	3639.5	100	140.8	79.7	70.7	13.7	38.4	18.5	-
2041	FLOUR, OTHER GRAIN MILL PRODUCTS. . . .	3.4	125.0	527.2	22	(D)	1.4	1.4	1.2	-	.2	-
2043	CEREAL BREAKFAST FOODS.	10.6	587.8	923.8	11	6.8	5.3	5.3	1.6	.8	2.9	-
2044	RICE MILLING.	1.3	58.2	222.3	4	(D)	.3	.3	.3	-	.1	-
2045	BLENDED AND PREPARED FLOUR.	2.3	157.0	290.6	6	.6	.3	.3	.3	-	-	-
2046	WET CORN MILLING.	11.7	326.5	816.8	24	124.8	67.0	58.0	8.4	37.6	12.0	-
2047	DOG, CAT, AND OTHER PET FOOD.	5.6	272.8	600.7	24	3.5	2.7	2.7	(D)	-	(D)	-
2048	PREPARED FEEDS, NEC.	1.8	97.9	258.3	9	3.0	2.6	2.6	(D)	.1	(D)	-
205	BAKERY PRODUCTS.	48.7	1194.0	2051.1	92	11.6	5.0	5.0	(D)	-	(D)	-
2051	BREAD, CAKE, AND RELATED PRODUCTS.	29.9	647.9	1135.5	73	4.2	2.8	2.8	2.7	-	.1	-
2052	COOKIES AND CRACKERS.	18.8	546.1	915.7	19	7.4	2.2	2.2	(D)	-	(D)	-
206	SUGAR, CONFECTIONERY PRODUCTS.	56.8	1565.1	4457.1	169	387.3	198.8	124.6	14.2	57.2	39.7	13.4
2061	RAW CANE SUGAR.	5.5	115.8	328.3	41	144.6	80.1	50.4	(D)	25.1	16.7	(D)
2062	CANE SUGAR REFINING.	10.1	362.6	1623.9	24	84.5	68.7	40.8	3.8	(D)	2.6	(D)
2063	BEET SUGAR.	11.1	301.2	854.8	52	111.5	37.4	23.8	2.5	7.1	14.2	-
2065	CONFECTIONERY PRODUCTS.	(D)	(D)	(D)	38	27.9	(D)	(D)	(D)	-	(D)	-
2066	CHOCOLATE AND COCOA PRODUCTS.	7.9	239.5	572.9	12	(D)	9.0	(D)	(D)	(D)	(D)	-
2067	CHEWING GUM.	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
207	FATS AND OILS.	19.1	689.6	4228.9	159	130.8	39.1	35.8	7.9	9.3	18.3	.3
2074	COTTONSEED OIL MILLS.	(D)	(D)	(D)	12	5.3	(D)	(D)	-	-	(D)	-
2075	SOYBEAN OIL MILLS.	5.9	246.8	2436.3	47	56.0	16.0	16.0	2.6	3.1	10.4	-
2076	VEGETABLE OIL MILLS, NEC.	(D)	(D)	(D)	8	3.8	(D)	(D)	-	-	(D)	-
2077	ANIMAL AND MARINE FATS AND OILS.	3.2	81.5	198.7	57	5.3	4.5	3.6	.8	.6	1.6	.3
2079	SHORTENING AND COOKING OILS.	8.1	312.8	1284.3	35	60.3	14.1	13.4	4.1	5.6	3.6	-
208	BEVERAGES.	96.0	3759.0	7842.2	357	290.8	100.3	95.4	(D)	15.8	28.6	(D)
2082	MALT BEVERAGES.	45.6	1806.2	3706.9	93	223.6	61.9	58.0	35.5	9.4	13.1	-
2083	MALT.	1.5	48.4	196.9	24	26.9	8.4	8.4	1.6	.3	6.5	-
2084	WINES, BRANDY, AND BRANDY SPIRITS.	3.1	146.6	342.9	14	3.6	2.0	2.0	.3	-	1.7	-
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	11.1	655.9	1118.6	30	19.9	14.2	14.2	1.3	6.0	6.8	-
2086	BOTTLED AND CANNED SOFT DRINKS.	31.9	715.6	1787.8	177	12.1	10.5	10.5	9.6	.1	.6	-
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	2.9	376.4	689.0	19	4.7	3.3	2.2	(D)	-	-	(D)
209	MISC. FOODS, KINDRED PRODUCTS.	35.9	1269.5	3191.2	176	145.6	102.2	21.4	12.4	(D)	(D)	-
2091	CANNED AND CURED SEAFOODS.	(D)	(D)	(D)	23	(D)	(D)	(D)	(D)	-	(D)	-
2092	FRESH OR FROZEN PACKAGED FISH.	5.7	56.2	262.2	24	2.9	2.7	2.2	1.6	-	.5	-
2095	ROASTED COFFEE.	6.7	565.3	1386.7	16	(D)	3.8	3.8	(D)	-	(D)	-
2097	MANUFACTURED ICE. . . . .	.5	7.3	9.0	29	3.7	3.1	(D)	(D)	-	(D)	-
2098	MACARONI AND SPAGHETTI.	1.1	28.9	63.5	5	.4	.1	.1	.1	-	-	-
2099	FOOD PREPARATIONS, NEC.	(D)	(D)	(D)	79	36.1	(D)	(D)	(D)	(D)	(D)	-
21	TOBACCO PRODUCTS.	41.4	2248.2	4001.6	18	99.6	5.4	5.4	(D)	(D)	-	-
2111	CIGARETTES.	38.0	2186.8	3742.4	11	95.8	3.6	3.6	3.6	-	-	-
2121	CIGARS.	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
2141	TOBACCO STEMMING AND REDRYING.	(D)	(D)	(D)	4	(D)	(D)	(D)	(D)	(D)	-	-
22	TEXTILE MILL PRODUCTS.	457.7	5692.5	13913.3	788	426.4	177.7	(D)	(D)	(D)	(D)	-
2211	WEAVING MILLS, COTTON.	87.2	967.9	2057.8	96	80.2	17.1	17.1	8.6	7.8	.7	-
2221	WEAVING MILLS, MANMADE FIBER, SILK.	93.2	1062.9	2179.6	113	74.6	23.5	23.5	9.8	10.3	3.5	-
2231	WEAVING AND FINISHING MILLS, WOOL.	11.5	135.8	276.6	32	7.5	6.7	6.7	1.5	4.6	.5	-
2241	NARROW FABRIC MILLS.	5.2	46.3	86.9	10	.4	.4	.4	.3	-	.1	-
225	KNITTING MILLS.	83.5	945.0	2357.5	162	38.6	30.8	(D)	(D)	(D)	(D)	-
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	17.3	140.9	312.2	25	2.6	1.7	1.7	(D)	-	(D)	-
2252	HOSIERY, NEC.	7.2	71.3	147.4	22	1.3	.8	.8	.8	-	.1	-
2253	KNIT OUTERWEAR MILLS.	13.4	155.4	323.6	16	(D)	2.8	2.8	1.7	.1	.9	-
2254	KNIT UNDERWEAR MILLS.	8.3	62.5	131.4	10	(D)	.8	.8	.6	.2	-	-
2257	CIRCULAR KNIT FABRIC MILLS.	28.8	389.4	1087.7	68	23.5	19.7	(D)	(D)	(D)	(D)	-
2258	WARP KNIT FABRIC MILLS.	8.6	125.5	355.1	21	7.5	5.0	5.0	4.3	.6	.1	-
226	TEXTILE FINISHING, EXCEPT WOOL.	52.4	703.9	1852.0	139	65.6	53.7	53.7	15.8	33.5	4.3	-
2261	FINISHING PLANTS, COTTON.	21.3	253.1	511.3	38	28.5	20.8	20.8	3.6	15.7	1.5	-
2262	FINISH. PLTS, MANMADE FIBER, SILK.	20.4	288.4	951.4	55	27.5	24.4	24.4	5.4	17.3	1.6	-
2269	FINISHING PLANTS, NEC.	10.6	162.4	389.4	46	9.6	8.5	8.5	6.8	.6	1.2	-
227	FLOOR COVERING MILLS.	34.8	668.3	1868.3	65	22.5	18.9	18.9	11.2	1.9	5.9	-
2271	WOVEN CARPETS AND RUGS.	4.7	76.0	168.0	6	2.0	1.3	1.3	(D)	-	(D)	-
2272	TUFTED CARPETS AND RUGS.	28.4	561.5	1606.9	55	19.9	17.0	17.0	(D)	1.9	(D)	-
2279	CARPETS AND RUGS, NEC.	1.7	30.8	93.4	4	.6	.5	.5	.5	-	-	-

See footnotes at end of table.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind,
for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake, by kind—Continued									
		Brackish water, by source					Salt water, by source				
		Total	Public water system	Company systems			Total	Public water system	Company systems		
				Surface	Ground	Tidewater			Surface	Ground	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	ALL INDUSTRIES* TOTAL.	1395.6	14.2	446.1	131.4	803.7	1433.8	(D)	(D)	7.5	1420.5
20	FOOD AND KINDRED PRODUCTS. . .	67.7	(D)	31.0	23.4	(D)	107.9	-	-	(D)	(D)
201	MEAT PRODUCTS.	1.2	-	(D)	(D)	-	-	-	-	-	-
2011	MEATPACKING PLANTS.	1.2	-	(D)	(D)	-	-	-	-	-	-
2013	SAUSAGES AND OTHER PREPARED MEATS. . .	-	-	-	-	-	-	-	-	-	-
2016	POULTRY DRESSING PLANTS.	-	-	-	-	-	-	-	-	-	-
2017	POULTRY AND EGG PROCESSING.	-	-	-	-	-	-	-	-	-	-
202	DAIRY PRODUCTS. . . . .	.5	-	(D)	(D)	-	-	-	-	-	-
2021	CREAMERY BUTTER.	-	-	-	-	-	-	-	-	-	-
2022	CHEESE, NATURAL AND PROCESSED.	-	-	-	-	-	-	-	-	-	-
2023	CONDENSED AND EVAPORATED MILK.	(D)	-	(D)	-	-	-	-	-	-	-
2024	ICE CREAM AND FROZEN DESSERTS.	-	-	-	-	-	-	-	-	-	-
2026	FLUID MILK.	(D)	-	-	(D)	-	-	-	-	-	-
203	PRESERVED FRUITS AND VEGETABLES. . . . .	.8	-	-	(D)	(D)	1.0	-	-	(D)	(D)
2032	CANNED SPECIALTIES.	(D)	-	-	(D)	-	-	-	-	-	-
2033	CANNED FRUITS AND VEGETABLES.	(D)	-	-	(D)	(D)	(D)	-	-	(D)	-
2034	DEHYD. FRUITS, VEGETABLES, SOUPS.	-	-	-	-	-	-	-	-	-	-
2035	PICKLES, SAUCES, SALAD DRESSINGS.	-	-	-	-	-	(D)	-	-	-	(D)
2037	FROZEN FRUITS AND VEGETABLES.	-	-	-	-	-	-	-	-	-	-
2038	FROZEN SPECIALTIES.	-	-	-	-	-	-	-	-	-	-
204	GRAIN MILL PRODUCTS.	(D)	(D)	(D)	(D)	-	(D)	-	-	-	(D)
2041	FLOUR, OTHER GRAIN MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
2043	CEREAL BREAKFAST FOODS.	-	-	-	-	-	-	-	-	-	-
2044	RICE MILLING.	-	-	-	-	-	-	-	-	-	-
2045	BLENDED AND PREPARED FLOUR.	-	-	-	-	-	-	-	-	-	-
2046	WET CORN MILLING.	(D)	(D)	(D)	(D)	-	(D)	-	-	-	(D)
2047	DOG, CAT, AND OTHER PET FOOD.	-	-	-	-	-	-	-	-	-	-
2048	PREPARED FEEDS, NEC.	-	-	-	-	-	-	-	-	-	-
205	BAKERY PRODUCTS.	-	-	-	-	-	-	-	-	-	-
2051	BREAD, CAKE, AND RELATED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
2052	COOKIES AND CRACKERS.	-	-	-	-	-	-	-	-	-	-
206	SUGAR, CONFECTIONERY PRODUCTS.	(D)	-	(D)	(D)	(D)	(D)	-	-	-	(D)
2061	RAW CANE SUGAR.	29.7	-	(D)	20.7	(D)	(D)	-	-	-	(D)
2062	CANE SUGAR REFINING.	(D)	-	(D)	-	(D)	(D)	-	-	-	(D)
2063	BET SUGAR.	13.6	-	-	(D)	-	-	-	-	-	-
2065	CONFECTIONERY PRODUCTS.	-	-	-	-	-	-	-	-	-	-
2066	CHOCOLATE AND COCOA PRODUCTS.	(D)	-	(D)	-	-	-	-	-	-	-
2067	CHEWING GUM.	-	-	-	-	-	-	-	-	-	-
207	FATS AND OILS.	(D)	-	(D)	-	-	(D)	-	-	-	(D)
2074	COTTONSEED OIL MILLS.	-	-	-	-	-	-	-	-	-	-
2075	SOYBEAN OIL MILLS.	-	-	-	-	-	-	-	-	-	-
2076	VEGETABLE OIL MILLS, NEC.	-	-	-	-	-	(D)	-	-	-	(D)
2077	ANIMAL AND MARINE FATS AND OILS.	(D)	-	-	-	-	(D)	-	-	-	(D)
2079	SHORTENING AND COOKING OILS.	(D)	-	(D)	-	-	(D)	-	-	-	(D)
208	BEVERAGES. . . . .	.8	-	-	(D)	(D)	4.1	-	-	-	4.1
2082	MALT BEVERAGES.	(D)	-	-	(D)	-	(D)	-	-	-	(D)
2083	MALT.	-	-	-	-	-	-	-	-	-	-
2084	WINES, BRANDY, AND BRANDY SPIRITS.	-	-	-	-	-	-	-	-	-	-
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	-	-	-	-	-	-	-	-	-	-
2086	BOTTLED AND CANNED SOFT DRINKS.	-	-	-	-	-	-	-	-	-	-
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	(D)	-	-	-	(D)	(D)	-	-	-	(D)
209	MISC. FOODS, KINDRED PRODUCTS.	(D)	-	(D)	(D)	-	(D)	-	-	-	(D)
2091	CANNED AND CURED SEAFOODS.	(D)	-	(D)	(D)	-	(D)	-	-	-	(D)
2092	FRESH OR FROZEN PACKAGED FISH.	-	-	-	-	-	.5	-	-	-	.5
2095	ROASTED COFFEE.	-	-	-	-	-	-	-	-	-	-
2097	MANUFACTURED ICE.	(D)	-	-	(D)	-	-	-	-	-	-
2098	MACARONI AND SPAGHETTI.	-	-	-	-	-	-	-	-	-	-
2099	FOOD PREPARATIONS, NEC.	-	-	-	-	-	-	-	-	-	-
21	TOBACCO PRODUCTS.	-	-	-	-	-	-	-	-	-	-
2111	CIGARETTES.	-	-	-	-	-	-	-	-	-	-
2121	CIGARS.	-	-	-	-	-	-	-	-	-	-
2141	TOBACCO STEMMING AND REDRYING.	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	(D)	-	(D)	(D)	-	-	-	-	-	-
2211	WEAVING MILLS, COTTON.	-	-	-	-	-	-	-	-	-	-
2221	WEAVING MILLS, MANMADE FIBER, SILK.	-	-	-	-	-	-	-	-	-	-
2231	WEAVING AND FINISHING MILLS, WOOL.	-	-	-	-	-	-	-	-	-	-
2241	NARROW FABRIC MILLS.	-	-	-	-	-	-	-	-	-	-
225	KNITTING MILLS.	(D)	-	(D)	-	-	-	-	-	-	-
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	-	-	-	-	-	-	-	-	-	-
2252	HOSIERY, NEC.	-	-	-	-	-	-	-	-	-	-
2253	KNIT OUTERWEAR MILLS.	-	-	-	-	-	-	-	-	-	-
2254	KNIT UNDERWEAR MILLS.	-	-	-	-	-	-	-	-	-	-
2257	CIRCULAR KNIT FABRIC MILLS.	(D)	-	(D)	-	-	-	-	-	-	-
2258	WARP KNIT FABRIC MILLS.	-	-	-	-	-	-	-	-	-	-
226	TEXTILE FINISHING, EXCEPT WOOL.	-	-	-	-	-	-	-	-	-	-
2261	FINISHING PLANTS, COTTON.	-	-	-	-	-	-	-	-	-	-
2262	FINISH, PLTS, MANMADE FIBER, SILK.	-	-	-	-	-	-	-	-	-	-
2269	FINISHING PLANTS, NEC.	-	-	-	-	-	-	-	-	-	-
227	FLOOR COVERING MILLS.	-	-	-	-	-	-	-	-	-	-
2271	WOVEN CARPETS AND RUGS.	-	-	-	-	-	-	-	-	-	-
2272	TUFTED CARPETS AND RUGS.	-	-	-	-	-	-	-	-	-	-
2279	CARPETS AND RUGS, NEC.	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind,
for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
22	TEXTILE MILL PRODUCTS--CON.											
228	YARN AND THREAD MILLS.	60.8	682.4	1906.6	101	115.8	16.6	16.6	8.8	4.6	3.2	-
2281	YARN MILLS, EXCEPT WOOL.	32.4	310.1	851.6	61	86.7	6.2	6.2	3.1	1.4	1.6	-
2282	THROWING AND WINDING MILLS.	17.0	226.5	681.7	19	10.0	4.4	4.4	2.3	.6	1.4	-
2283	WOOL YARN MILLS.	3.6	48.1	122.7	6	(D)	1.0	1.0	.9	-	.1	-
2284	THREAD MILLS.	7.8	97.6	250.6	15	(D)	5.0	5.0	2.4	2.5	-	-
229	MISCELLANEOUS TEXTILE GOODS.	29.1	480.1	1328.1	70	21.2	10.0	(D)	(D)	(D)	(D)	-
2291	FELT GOODS, EXC. WOVEN FELT, MATS.	2.1	38.2	64.0	7	.6	.6	(D)	(D)	(D)	(D)	-
2292	LACE GOODS.	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	-	-
2293	PADDINGS AND UPHOLSTERY FILLING.	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	-	-
2294	PROCESSED TEXTILE WASTE.	1.1	16.1	28.4	5	(D)	1.2	1.2	1.1	.1	-	-
2295	COATED FABRICS, NOT RUBBERIZED.	7.0	145.0	332.6	15	4.7	3.4	3.4	2.2	.4	.8	-
2296	TIRE CORD AND FABRIC.	8.9	133.2	616.0	13	8.2	.8	.8	.5	.1	.1	-
2297	NONWOVEN FABRICS.	3.5	66.1	139.5	10	3.1	1.5	1.5	.6	.9	-	-
2298	CORDAGE AND TWINE.	2.5	30.5	50.2	3	(D)	.4	.4	.4	-	-	-
2299	TEXTILE GOODS, NEC.	3.0	36.6	73.5	13	(D)	1.9	1.9	.7	.2	1.0	-
24	LUMBER AND WOOD PRODUCTS.	77.6	1568.0	3137.5	238	265.2	159.8	148.2	(D)	109.9	20.5	(D)
2411	LOGGING CAMPS, LOG CONTRACTORS.	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	-	-
242	SAWMILLS AND PLANING MILLS.	35.2	720.7	1451.7	100	207.1	126.6	115.0	(D)	100.1	10.6	(D)
2421	SAWMILLS, PLANING MILLS, GENERAL.	33.5	702.5	1418.1	91	203.7	123.3	(D)	(D)	(D)	(D)	(D)
2426	HARDWOOD DIMENSION AND FLOORING.	(D)	(D)	(D)	7	(D)	(D)	(D)	-	(D)	(D)	-
2429	SPECIAL PRODUCT SAWMILLS, NEC.	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	(D)	-
243	MILLWORK, PLYWOOD, STRUC. MEMBS.	27.4	562.4	1163.6	81	28.4	18.7	18.7	11.0	4.8	2.8	-
2431	MILLWORK.	(D)	(D)	(D)	10	(D)	(D)	(D)	(D)	-	(D)	-
2434	WOOD KITCHEN CABINETS.	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	-	-
2435	HARDWOOD VENEER AND PLYWOOD.	(D)	(D)	(D)	8	(D)	(D)	(D)	(D)	(D)	(D)	-
2436	SOFTWOOD VENEER AND PLYWOOD.	17.9	411.8	814.9	62	(D)	10.8	10.8	4.2	(D)	(D)	-
244	WOOD CONTAINERS.	(D)	(D)	(D)	5	(D)	(D)	(D)	(D)	-	(D)	-
2441	NAILED WOOD BOXES AND SHOOK.	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	-	-
2448	WOOD PALLETS AND SKIDS.	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
2449	WOOD CONTAINERS, NEC.	(D)	(D)	(D)	3	.1	(D)	(D)	(D)	-	-	-
249	MISCELLANEOUS WOOD PRODUCTS.	12.2	218.8	417.4	50	29.0	14.0	14.0	2.4	(D)	(D)	-
2491	WOOD PRESERVING. . . . .	.8	12.9	37.0	9	.8	.3	.3	(D)	(D)	(D)	-
2492	PARTICLEBOARD.	2.4	47.1	98.5	16	2.9	1.9	1.9	(D)	(D)	.9	-
2499	WOOD PRODUCTS, NEC.	9.0	158.8	281.9	25	25.4	11.8	11.8	1.6	4.2	6.0	-
25	FURNITURE AND FIXTURES.	48.1	734.0	1302.5	63	9.2	6.4	(D)	(D)	(D)	(D)	-
251	HOUSEHOLD FURNITURE.	24.7	290.9	539.3	31	4.6	3.8	3.8	2.1	(D)	(D)	-
2511	WOOD HOUSEHOLD FURNITURE.	14.9	173.3	315.6	16	2.7	2.1	2.1	.7	(D)	(D)	-
2512	UPHOLSTERED HOUSEHOLD FURNITURE.	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
2514	METAL HOUSEHOLD FURNITURE.	5.5	70.3	126.5	9	(D)	1.2	1.2	.9	-	.3	-
2515	MATTRESSES AND BEDSPRINGS.	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
2517	WOOD TV AND RADIO CABINETS.	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
2519	HOUSEHOLD FURNITURE, NEC.	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
2522	METAL OFFICE FURNITURE.	12.2	244.8	407.4	13	2.8	1.2	(D)	(D)	-	(D)	-
2531	PUBLIC BLDG., RELATED FURNITURE.	2.2	33.6	70.3	6	(D)	.3	.3	.1	-	.1	-
2542	METAL PARTITIONS AND FIXTURES.	3.9	65.5	109.4	8	.6	.5	.5	.5	-	-	-
2591	DRAPERY HARDWARE, BLINDS, SHADES.	5.0	99.2	176.0	5	(D)	.6	.6	.3	-	.3	-
26	PAPER AND ALLIED PRODUCTS.	279.8	6964.4	14910.3	703	8126.9	2415.4	2294.5	278.3	1561.8	415.5	38.9
2611	PULPMILLS.	10.4	274.9	659.6	31	925.7	256.3	(D)	(D)	(D)	(D)	-
2621	PAPERMILLS, EXCEPT BUILDING PAPER.	128.5	2879.8	6458.1	257	3839.0	1277.9	(D)	123.7	953.0	146.8	15.2
2631	PAPERBOARD MILLS.	67.4	1947.2	4136.5	222	3126.3	770.4	696.4	46.8	457.7	166.2	23.7
264	MISC. CONVERTED PAPER PRODUCTS.	42.9	1249.1	2436.4	100	143.8	82.9	(D)	(D)	(D)	(D)	-
2641	PAPER COATING AND GLAZING.	18.7	598.4	1127.2	39	44.8	27.4	(D)	(D)	(D)	(D)	-
2642	ENVELOPES.	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
2643	BAGS, EXCEPT TEXTILE BAGS.	7.8	173.0	334.6	14	38.0	10.2	10.2	8.3	.7	1.1	-
2645	DIE-CUT PAPER AND BOARD.	2.4	95.4	246.8	8	(D)	3.3	3.3	.6	.1	2.7	-
2646	PRESSED AND MOLDED PULP GOODS.	4.4	82.5	125.2	20	43.1	35.2	35.2	2.3	30.5	2.3	-
2647	SANITARY PAPER PRODUCTS.	6.6	256.2	515.6	13	13.5	6.4	(D)	(D)	(D)	(D)	-
2648	STATIONERY PRODUCTS.	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	-	-
2649	CONVERTED PAPER PRODUCTS, NEC.	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
265	PAPERBOARD CONTAINERS AND BOXES.	21.0	408.8	831.9	49	11.4	5.6	5.6	1.9	3.3	.4	-
2651	FOLDING PAPERBOARD BOXES.	4.8	92.2	203.3	11	3.4	1.8	1.8	.5	1.3	-	-
2653	CORRUGATED AND SOLID FIBER BOXES.	(D)	(D)	(D)	21	(D)	(D)	(D)	(D)	-	-	-
2654	SANITARY FOOD CONTAINERS.	10.6	220.3	387.7	14	6.8	2.8	2.8	.4	2.0	.3	-
2655	FIBER CANS, DRUMS, SIMILAR PRODS.	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
2661	BUILDING PAPER AND BOARD MILLS.	9.5	204.6	387.8	44	80.6	22.4	22.4	2.6	15.1	4.6	-
28	CHEMICALS AND ALLIED PRODUCTS.	543.3	22917.4	39727.6	1343	11098.7	4176.2	2926.5	246.0	2208.5	382.6	89.4
281	INDUSTRIAL INORGANIC CHEMICALS.	73.2	2448.5	4641.5	344	1884.1	807.9	592.2	49.5	443.1	74.7	24.9
2812	ALKALIES AND CHLORINE.	13.2	434.4	795.7	32	472.3	353.0	239.1	12.8	212.8	13.5	-
2813	INDUSTRIAL GASES.	(D)	(D)	(D)	76	457.9	(D)	(D)	(D)	(D)	(D)	-
2816	INORGANIC PIGMENTS.	(D)	(D)	(D)	31	153.5	(D)	(D)	(D)	(D)	(D)	(D)
2819	INDUSTRIAL INORGANIC CHEM., NEC.	47.7	1522.9	2992.1	205	800.4	261.8	218.2	(D)	130.2	46.7	(D)
282	PLASTICS MATERIALS, SYNTHETICS.	140.7	4295.7	8368.5	189	1993.4	567.6	539.9	(D)	422.8	63.6	(D)
2821	PLASTICS MATERIALS AND RESINS.	40.3	1706.9	3422.7	124	711.1	201.8	174.1	(D)	120.5	31.7	(D)
2822	SYNTHETIC RUBBER.	(D)	(D)	(D)	21	325.6	(D)	(D)	(D)	(D)	(D)	-
2823	CELLULOSIC MANMADE FIBERS.	(D)	(D)	(D)	11	299.8	(D)	(D)	(D)	(D)	(D)	-
2824	ORGANIC FIBERS, NONCELLULOSIC.	73.2	1921.3	3418.0	33	656.9	248.7	248.7	(D)	208.9	17.8	(D)
283	DRUGS.	90.3	4759.7	6005.7	97	223.7	61.0	(D)	(D)	(D)	(D)	(D)
2831	BIOLOGICAL PRODUCTS.	4.9	92.2	143.4	11	3.1	.9	.9	.6	-	.2	-
2833	MEDICINALS AND BOTANICALS.	5.4	191.5	314.8	17	35.6	19.0	19.0	(D)	8.9	(D)	(D)
2834	PHARMACEUTICAL PREPARATIONS.	80.0	4476.0	5547.5	69	185.1	41.2	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind,
for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake, by kind--Continued									
		Brackish water, by source					Salt water, by source				
		Total	Public water system	Company systems			Total	Public water system	Company systems		
				Surface	Ground	Tidewater			Surface	Ground	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
22	TEXTILE MILL PRODUCTS--CON.										
228	YARN AND THREAD MILLS.	-	-	-	-	-	-	-	-	-	
2281	YARN MILLS, EXCEPT WOOL.	-	-	-	-	-	-	-	-	-	
2282	THROWING AND WINDING MILLS	-	-	-	-	-	-	-	-	-	
2283	WOOL YARN MILLS.	-	-	-	-	-	-	-	-	-	
2284	THREAD MILLS	-	-	-	-	-	-	-	-	-	
229	MISCELLANEOUS TEXTILE GOODS. . .	(D)	-	-	(D)	-	-	-	-	-	
2291	FELT GOODS, EXC. WOVEN FELT, HATS.	-	-	-	-	-	-	-	-	-	
2292	LACE GOODS	-	-	-	-	-	-	-	-	-	
2293	PADDINGS AND UPHOLSTERY FILLING. .	(D)	-	-	(D)	-	-	-	-	-	
2294	PROCESSED TEXTILE WASTE.	-	-	-	-	-	-	-	-	-	
2295	COATED FABRICS, NOT RUBBERIZED . .	-	-	-	-	-	-	-	-	-	
2296	TIRE CORD AND FABRIC	-	-	-	-	-	-	-	-	-	
2297	NONWOVEN FABRICS	-	-	-	-	-	-	-	-	-	
2298	CORDAGE AND TWINE.	-	-	-	-	-	-	-	-	-	
2299	TEXTILE GOODS, NEC	-	-	-	-	-	-	-	-	-	
24	LUMBER AND WOOD PRODUCTS . . .	(D)	-	(D)	-	(D)	(D)	-	-	(D)	
2411	LOGGING CAMPS, LOG CONTRACTORS . .	-	-	-	-	-	-	-	-	-	
242	SAWMILLS AND PLANING MILLS . . .	(D)	-	(D)	-	(D)	(D)	-	-	(D)	
2421	SAWMILLS, PLANING MILLS, GENERAL . .	(D)	-	(D)	-	(D)	(D)	-	-	(D)	
2426	HARDWOOD DIMENSION AND FLOORING. .	(D)	-	(D)	-	-	-	-	-	-	
2429	SPECIAL PRODUCT SAWMILLS, NEC. . .	-	-	-	-	-	-	-	-	-	
243	MILLWORK, PLYWOOD, STRUC. MEMBS. .	-	-	-	-	-	-	-	-	-	
2431	MILLWORK	-	-	-	-	-	-	-	-	-	
2434	WOOD KITCHEN CABINETS.	-	-	-	-	-	-	-	-	-	
2435	HARDWOOD VENEER AND PLYWOOD. . . .	-	-	-	-	-	-	-	-	-	
2436	SOFTWOOD VENEER AND PLYWOOD. . . .	-	-	-	-	-	-	-	-	-	
244	WOOD CONTAINERS.	-	-	-	-	-	-	-	-	-	
2441	NAILED WOOD BOXES AND SHOOK.	-	-	-	-	-	-	-	-	-	
2448	WOOD PALLETS AND SKIDS	-	-	-	-	-	-	-	-	-	
2449	WOOD CONTAINERS, NEC	-	-	-	-	-	-	-	-	-	
249	MISCELLANEOUS WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-	
2491	WOOD PRESERVING.	-	-	-	-	-	-	-	-	-	
2492	PARTICULARBOARD.	-	-	-	-	-	-	-	-	-	
2499	WOOD PRODUCTS, NEC	-	-	-	-	-	-	-	-	-	
25	FURNITURE AND FIXTURES	(D)	-	(D)	-	-	-	-	-	-	
251	HOUSEHOLD FURNITURE.	-	-	-	-	-	-	-	-	-	
2511	WOOD HOUSEHOLD FURNITURE	-	-	-	-	-	-	-	-	-	
2512	UPHOLSTERED HOUSEHOLD FURNITURE. .	-	-	-	-	-	-	-	-	-	
2514	METAL HOUSEHOLD FURNITURE.	-	-	-	-	-	-	-	-	-	
2515	MATTRESSES AND BEDSPRINGS.	-	-	-	-	-	-	-	-	-	
2517	WOOD TV AND RADIO CABINETS	-	-	-	-	-	-	-	-	-	
2519	HOUSEHOLD FURNITURE, NEC	-	-	-	-	-	-	-	-	-	
2522	METAL OFFICE FURNITURE	(D)	-	(D)	-	-	-	-	-	-	
2531	PUBLIC BLDG., RELATED FURNITURE. . .	-	-	-	-	-	-	-	-	-	
2542	METAL PARTITIONS AND FIXTURES. . .	-	-	-	-	-	-	-	-	-	
2591	DRAPERY HARDWARE, BLINDS, SHADES .	-	-	-	-	-	-	-	-	-	
26	PAPER AND ALLIED PRODUCTS. . .	76.3	-	(D)	(D)	54.5	44.6	-	-	44.6	
2611	PULPMILLS.	-	-	-	-	-	(D)	-	-	(D)	
2621	PAPERMILLS, EXCEPT BUILDING PAPER.	(D)	-	0.6	-	(D)	(D)	-	-	(D)	
2631	PAPERBOARD MILLS	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)	
264	MISC. CONVERTED PAPER PRODUCTS .	(D)	-	(D)	(D)	-	-	-	-	-	
2641	PAPER COATING AND GLAZING.	(D)	-	(D)	-	-	-	-	-	-	
2642	ENVELOPES.	-	-	-	-	-	-	-	-	-	
2643	BAGS, EXCEPT TEXTILE BAGS.	-	-	-	-	-	-	-	-	-	
2645	DIE-CUT PAPER AND BOARD.	-	-	-	-	-	-	-	-	-	
2646	PRESSED AND MOLDED PULP GOODS. . .	-	-	-	-	-	-	-	-	-	
2647	SANITARY PAPER PRODUCTS.	(D)	-	-	(D)	-	-	-	-	-	
2648	STATIONERY PRODUCTS.	-	-	-	-	-	-	-	-	-	
2649	CONVERTED PAPER PRODUCTS, NEC. . .	-	-	-	-	-	-	-	-	-	
265	PAPERBOARD CONTAINERS AND BOXES. .	-	-	-	-	-	-	-	-	-	
2651	FOLDING PAPERBOARD BOXES	-	-	-	-	-	-	-	-	-	
2653	CORRUGATED AND SOLID FIBER BOXES .	-	-	-	-	-	-	-	-	-	
2654	SANITARY FOOD CONTAINERS	-	-	-	-	-	-	-	-	-	
2655	FIBER CANS, DRUMS, SIMILAR PRDGS .	-	-	-	-	-	-	-	-	-	
2661	BUILDING PAPER AND BOARD MILLS . .	-	-	-	-	-	-	-	-	-	
28	CHEMICALS AND ALLIED PRODUCTS.	471.3	0.6	203.9	81.3	185.5	778.4	(D)	5.2	(D)	766.6
281	INDUSTRIAL INORGANIC CHEMICALS . .	136.9	(D)	(D)	(D)	(D)	78.8	(D)	(D)	(D)	72.1
2812	ALKALIES AND CHLORINE.	77.8	-	(D)	(D)	-	36.1	-	-	1.7	34.4
2813	INDUSTRIAL GASES	(D)	(D)	(D)	(D)	-	-	-	-	-	-
2816	INORGANIC PIGMENTS	(D)	-	-	-	(D)	(D)	-	-	(D)	(D)
2819	INDUSTRIAL INORGANIC CHEM., NEC. .	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
282	PLASTICS MATERIALS, SYNTHETICS . .	(D)	-	-	(D)	-	(D)	-	-	-	(D)
2821	PLASTICS MATERIALS AND RESINS. . .	(D)	-	-	(D)	-	(D)	-	-	-	(D)
2822	SYNTHETIC RUBBER	-	-	-	-	-	(D)	-	-	-	-
2823	CELLULOSIC MANMADE FIBERS.	-	-	-	-	-	-	-	-	-	-
2824	ORGANIC FIBERS, NONCELLULOSIC. . .	-	-	-	-	-	-	-	-	-	-
283	DRUGS.	-	-	-	-	-	(D)	-	-	-	(D)
2831	BIOLOGICAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
2833	MEDICINALS AND BOTANICALS.	-	-	-	-	-	-	-	-	-	-
2834	PHARMACEUTICAL PREPARATIONS. . . .	-	-	-	-	-	(D)	-	-	-	-

See footnotes at end of table.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind, for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
28	CHEMICALS, ALLIED PROD.—CON.											
284	SOAPS, CLEANERS, TOILET GOODS. . .	42.9	3430.1	5304.4	109	90.8	40.9	30.9	15.7	(D)	7.9	
2841	SOAP AND OTHER DETERGENTS. . . .	19.2	1496.1	2548.8	40	28.4	22.1	15.5	5.0	(D)	5.1	
2842	POLISHES AND SANITATION GOODS. . .	6.3	502.0	787.8	23	2.1	1.8	1.7	1.7	-	.1	
2843	SURFACE ACTIVE AGENTS.	3.1	102.4	220.4	25	18.5	9.9	6.6	2.3	1.9	2.4	
2844	TOILET PREPARATIONS.	14.3	1329.6	1827.4	21	11.8	7.1	7.0	6.6	-	.4	
2851	PAINTS AND ALLIED PRODUCTS	12.7	358.7	784.3	36	10.3	5.5	(D)	(D)	(D)	(D)	
286	INDUSTRIAL ORGANIC CHEMICALS . . .	125.0	5665.6	10696.0	291	5101.1	2219.6	1316.4	76.0	1103.8	100.0	
2861	GUM AND WOOD CHEMICALS	2.7	96.8	200.6	12	65.0	17.9	17.9	1.6	2.2	14.1	
2865	CYCLIC CRUDES AND INTERMEDIATES. .	22.7	721.9	1610.0	72	435.8	91.2	86.7	(D)	36.7	11.6	
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC.	96.6	4846.8	8865.5	207	4550.3	2110.7	1211.7	(D)	1084.9	74.2	
287	AGRICULTURAL CHEMICALS	24.5	1044.5	2135.3	126	1481.7	290.3	220.9	35.4	46.4	27.3	
2873	NITROGENOUS FERTILIZERS.	8.5	399.8	732.8	54	(D)	115.7	109.9	(D)	38.3	39.1	
2874	PHOSPHATIC FERTILIZERS	10.8	326.9	877.9	56	346.5	124.8	68.0	(D)	20.5	45.2	
2875	FERTILIZERS, MIXING ONLY	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	(D)	
2879	AGRICULTURAL CHEMICALS, NEC. . . .	(D)	(D)	(D)	14	(D)	(D)	(D)	(D)	(D)	(D)	
289	MISCELLANEOUS CHEMICAL PRODUCTS.	34.2	914.8	1712.2	151	313.5	175.1	160.2	9.4	118.6	23.0	
2891	ADHESIVES AND SEALANTS	3.0	92.9	206.1	34	20.3	6.5	6.5	4.2	.5	1.5	
2892	EXPLOSIVES	12.5	174.0	275.9	13	107.3	90.9	98.9	.1	96.9	2.0	
2893	PRINTING INK . . . . .	.7	15.7	36.8	4	(D)	.1	.1	-	-	-
2895	CARBON BLACK	2.6	131.4	214.9	31	(D)	13.7	13.7	(D)	1.2	3.2	
2899	CHEMICAL PREPARATIONS, NEC	15.5	500.8	978.5	69	170.8	55.8	40.9	(D)	20.5	15.5	
29	PETROLEUM AND COAL PRODUCTS. . .	103.2	4318.5	24868.4	278	8158.1	1282.5	639.3	133.7	337.4	42.8	
2911	PETROLEUM REFINING	95.0	4064.1	24296.8	220	8145.5	1278.0	634.9	132.1	337.0	91.2	
295	PAVING AND ROOFING MATERIALS . . .	6.9	202.1	445.0	46	11.8	3.9	3.8	(D)	.9	(D)	
2951	PAVING MIXTURES AND BLOCKS . . . .	.8	18.5	41.3	17	1.4	1.1	1.1	(D)	.3	(D)
2952	ASPHALT FELTS AND COATINGS	6.1	183.6	403.7	29	10.5	2.9	2.7	1.1	.6	.6	
299	MISC. PETROLEUM, COAL PRODUCTS . .	1.3	52.3	126.6	12	.8	.6	.6	(D)	-	(D)	
2992	LUBRICATING OILS AND GREASES . . .	1.2	44.2	103.6	9	(D)	.4	.4	.4	-	-	
2999	PETROLEUM AND COAL PRODUCTS, NEC .	.2	8.1	23.0	3	(D)	.2	.2	(D)	-	(D)	
30	RUBBER, MISC. PLASTICS PROD. . . .	244.4	5772.3	10313.8	437	443.2	153.5	(D)	(D)	(D)	(D)	
3011	TIRES AND INNER TUBES.	94.1	2782.0	5155.5	65	123.2	36.3	36.3	12.1	11.8	12.4	
3021	RUBBER AND PLASTICS FOOTWEAR . . .	(D)	(D)	(D)	11	(D)	(D)	(D)	(D)	(D)	(D)	
3031	RECLAIMED RUBBER	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)	-	
3041	RUBBER, PLASTICS HOSE AND BELTING.	13.3	307.4	457.4	13	(D)	4.8	(D)	(D)	(D)	(D)	
3069	FABRICATED RUBBER PRODUCTS, NEC. .	53.5	928.6	1684.5	97	(D)	31.3	31.0	8.1	18.8	4.1	
3079	MISCELLANEOUS PLASTICS PRODUCTS. .	72.2	1563.2	2724.4	250	244.6	78.5	(D)	(D)	(D)	(D)	
31	LEATHER AND LEATHER PRODUCTS . . .	19.3	278.5	641.2	61	10.3	8.3	(D)	(D)	(D)	(D)	
3111	LEATHER TANNING AND FINISHING. . .	11.0	170.9	445.2	52	(D)	7.6	(D)	(D)	(D)	(D)	
314	FOOTWEAR, EXCEPT RUBBER.	(D)	(D)	(D)	7	(D)	(D)	(D)	(D)	-	-	
3143	MEN'S FOOTWEAR, EXCEPT ATHLETIC.	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	-	
3144	WOMEN'S FOOTWEAR, EXCEPT ATHLETIC.	(D)	(D)	(D)	6	(D)	(D)	(D)	(D)	-	-	
3161	LUGGAGE.	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	
32	STONE, CLAY, GLASS PRODUCTS. . . .	243.3	5699.3	8957.7	647	474.7	219.4	178.7	38.8	91.7	41.8	
3211	FLAT GLASS	18.8	601.3	853.1	20	71.6	32.1	(D)	(D)	(D)	(D)	
322	GLASS, PRESSED OR BLOWN.	94.1	1947.9	2843.3	131	122.9	23.7	23.1	14.6	.2	0.2	
3221	GLASS CONTAINERS	61.4	1163.0	1765.9	83	40.2	12.6	12.0	7.8	.2	4.1	
3229	PRESSED AND BLOWN GLASS, NEC	32.7	784.9	1077.4	48	82.8	11.1	11.1	6.8	.1	4.2	
3231	PRODUCTS OF PURCHASED GLASS. . . .	15.1	369.0	684.7	25	9.9	6.1	6.1	2.4	3.1	.6	
3241	CEMENT, HYDRAULIC.	21.6	795.1	1225.0	117	119.7	73.3	64.2	(D)	48.4	12.2	
325	STRUCTURAL CLAY PRODUCTS	4.0	63.7	95.4	10	(D)	.7	.7	.3	-	.4	
3251	BRICK AND STRUCTURAL CLAY TILE . . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	
3253	CERAMIC WALL AND FLOOR TILE. . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	(D)	
3255	CLAY REFRACTORIES.	2.0	33.8	55.3	6	(D)	.6	.6	(D)	-	(D)	
3259	STRUCTURAL CLAY PRODUCTS, NEC. . . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	-	
326	POTTERY AND RELATED PRODUCTS	20.2	293.0	416.9	31	7.5	3.1	(D)	(D)	(D)	(D)	
3261	VITREOUS PLUMBING FIXTURES	5.3	101.9	155.1	13	5.5	1.4	(D)	(D)	(D)	(D)	
3262	VITREOUS CHINA FOOD UTENSILS	5.1	56.9	68.6	5	.4	.4	.4	.3	-	-	
3263	FINE EARTHENWARE FOOD UTENSILS . . .	2.4	22.9	31.9	3	(D)	.1	.1	.1	-	-	
3264	PORCELAIN ELECTRICAL SUPPLIES. . . .	7.5	111.2	161.3	10	(D)	1.2	1.2	1.2	-	-	
327	CONCRETE, GYPSUM, PLASTER PRODS.	20.6	520.3	1005.7	169	42.6	27.2	23.1	(D)	5.1	8.9	
3271	CONCRETE BLOCK AND BRICK . . . . .	.3	6.9	11.7	5	.4	.4	.4	.2	-	.2
3272	CONCRETE PRODUCTS, NEC	1.9	50.3	82.5	12	(D)	.7	.7	.2	-	.4	
3273	READY-MIXED CONCRETE	7.0	147.9	310.7	69	22.3	14.4	13.3	(D)	2.9	3.7	
3274	LIME	2.7	56.2	101.0	24	11.2	6.0	(D)	(D)	(D)	(D)	
3275	GYPSUM PRODUCTS.	8.6	259.0	499.8	59	(D)	5.6	(D)	(D)	(D)	(D)	
3281	CUT STONE AND STONE PRODUCTS	2.3	25.1	35.2	12	(D)	1.8	(D)	(D)	(D)	(D)	
329	MISC. NONMETALLIC MINERAL PRODS.	46.6	1083.9	1798.5	132	97.7	51.4	25.6	9.2	6.9	9.5	
3291	ABRASIVE PRODUCTS.	10.7	270.7	425.0	17	7.5	5.3	5.3	2.1	1.7	1.4	
3292	ASBESTOS PRODUCTS.	12.0	259.8	468.0	37	16.9	6.4	(D)	(D)	(D)	(D)	
3293	GASKETS, PACKING, SEALING DEVICES.	6.6	126.6	185.5	8	2.3	1.9	1.9	.5	1.0	.5	
3295	MINERALS, GROUND OR TREATED. . . .	1.5	44.0	78.2	20	33.1	23.8	(D)	(D)	(D)	(D)	
3296	MINERAL WOOL	11.0	268.9	453.8	32	25.5	5.4	4.4	2.9	.2	1.3	
3297	NONCLAY REFRACTORIES	3.1	72.2	120.0	10	4.7	1.6	(D)	(D)	(D)	(D)	
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	1.6	41.7	67.9	8	7.7	7.0	(D)	(D)	(D)	(D)	

See footnotes at end of table.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind,
for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Ground	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
28	CHEMICALS, ALLIED PROD.—CON.									
284	SOAPS, CLEANERS, TOILET GOODS.	(D)	-	-	(D)	(D)	(D)	-	-	(D)
2841	SOAP AND OTHER DETERGENTS.	(D)	-	-	(D)	(D)	(D)	-	-	(D)
2842	POLISHES AND SANITATION GOODS.	-	-	-	-	-	-	-	-	-
2843	SURFACE ACTIVE AGENTS.	3.3	-	-	-	3.3	-	-	-	-
2844	TOILET PREPARATIONS.	-	-	-	-	-	-	-	-	-
2851	PAINTS AND ALLIED PRODUCTS	(D)	(D)	-	(D)	-	-	-	-	-
286	INDUSTRIAL ORGANIC CHEMICALS	254.1	-	(D)	0.5	(D)	649.3	-	(D)	1.7
2861	GUM AND WOOD CHEMICALS	-	-	-	-	-	-	-	-	-
2865	CYCLIC CRUDE AND INTERMEDIATES.	4.3	-	(D)	.1	(D)	.2	-	(D)	-
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC.	249.9	-	(D)	.4	(D)	649.1	-	-	1.7
287	AGRICULTURAL CHEMICALS	(D)	-	(D)	(D)	(D)	(D)	-	-	-
2873	NITROGENOUS FERTILIZERS.	(D)	-	(D)	(D)	(D)	(D)	-	-	-
2874	PHOSPHATIC FERTILIZERS	(D)	-	(D)	(D)	(D)	(D)	-	-	-
2875	FERTILIZERS, MIXING ONLY	-	-	-	-	-	-	-	-	-
2879	AGRICULTURAL CHEMICALS, NEC.	-	-	-	-	-	(D)	-	-	(D)
289	MISCELLANEOUS CHEMICAL PRODUCTS.	5.6	(D)	(D)	3.6	-	9.3	-	(D)	-
2891	ADHESIVES AND SEALANTS	-	-	-	-	-	-	-	-	-
2892	EXPLOSIVES	-	-	-	-	-	-	-	-	-
2893	PRINTING INK	-	-	-	-	-	-	-	-	-
2895	CARBON BLACK	-	-	-	-	-	-	-	-	-
2899	CHEMICAL PREPARATIONS, NEC	5.6	(D)	(D)	3.6	-	9.3	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS.	462.7	(D)	(D)	5.9	(D)	180.6	-	-	(D)
2911	PETROLEUM REFINING	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)
295	PAVING AND ROOFING MATERIALS	(D)	-	-	(D)	-	(D)	-	-	-
2951	PAVING MIXTURES AND BLOCKS	-	-	-	-	-	-	-	-	(D)
2952	ASPHALT FELTS AND COATINGS	(D)	-	-	(D)	-	(D)	-	-	(D)
299	MISC. PETROLEUM, COAL PRODUCTS	-	-	-	-	-	-	-	-	-
2992	LUBRICATING OILS AND GREASES	-	-	-	-	-	-	-	-	-
2999	PETROLEUM AND COAL PRODUCTS, NEC	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	-	(D)	(D)	-	-	-	-	-
3011	TIRES AND INNER TUBES.	-	-	-	-	-	-	-	-	-
3021	RUBBER AND PLASTICS FOOTWEAR	(D)	-	(D)	(D)	-	-	-	-	-
3031	RECLAIMED RUBBER	-	-	-	-	-	-	-	-	-
3041	RUBBER, PLASTICS HOSE AND BELTING.	(D)	-	(D)	-	-	-	-	-	-
3069	FABRICATED RUBBER PRODUCTS, NEC. . . . .	.3	-	0.3	-	-	-	-	-	-
3079	MISCELLANEOUS PLASTICS PRODUCTS.	(D)	-	-	(D)	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	(D)	-	(D)	-	-	-	-	-	-
3111	LEATHER TANNING AND FINISHING.	(D)	-	(D)	-	-	-	-	-	-
314	FOOTWEAR, EXCEPT RUBBER.	-	-	-	-	-	-	-	-	-
3143	MEN'S FOOTWEAR, EXCEPT ATHLETIC.	-	-	-	-	-	-	-	-	-
3144	WOMEN'S FOOTWEAR, EXCEPT ATHLETIC.	-	-	-	-	-	-	-	-	-
3161	LUGGAGE.	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
3211	FLAT GLASS	(D)	-	(D)	-	-	-	-	-	-
322	GLASS, PRESSED OR BLOWN. . . . .	.6	-	.6	-	-	-	-	-	-
3221	GLASS CONTAINERS . . . . .	.6	-	.6	-	-	-	-	-	-
3229	PRESSED AND BLOWN GLASS, NEC	-	-	-	-	-	-	-	-	-
3231	PRODUCTS OF PURCHASED GLASS.	-	-	-	-	-	-	-	-	-
3241	CEMENT, HYDRAULIC.	5.8	-	4.1	1.6	-	3.4	-	-	3.4
325	STRUCTURAL CLAY PRODUCTS	-	-	-	-	-	-	-	-	-
3251	BRICK AND STRUCTURAL CLAY TILE	-	-	-	-	-	-	-	-	-
3253	CERAMIC WALL AND FLOOR TILE.	-	-	-	-	-	-	-	-	-
3255	CLAY REFRACTORIES.	-	-	-	-	-	-	-	-	-
3259	STRUCTURAL CLAY PRODUCTS, NEC.	-	-	-	-	-	-	-	-	-
326	POTTERY AND RELATED PRODUCTS	(D)	-	-	(D)	-	-	-	-	-
3261	VITREOUS PLUMBING FIXTURES	(D)	-	-	(D)	-	-	-	-	-
3262	VITREOUS CHINA FOOD UTENSILS	-	-	-	-	-	-	-	-	-
3263	FINE EARTHENWARE FOOD UTENSILS	-	-	-	-	-	-	-	-	-
3264	PORCELAIN ELECTRICAL SUPPLIES.	-	-	-	-	-	-	-	-	-
327	CONCRETE, GYPSUM, PLASTER PRODS.	2.0	-	(D)	.8	(D)	2.1	-	(D)	(D)
3271	CONCRETE BLOCK AND BRICK	-	-	-	-	-	-	-	-	-
3272	CONCRETE PRODUCTS, NEC	-	-	-	-	-	-	-	-	-
3273	READY-MIXED CONCRETE	1.0	-	(D)	(D)	-	.2	-	(D)	-
3274	LIME	(D)	-	(D)	-	-	-	-	-	-
3275	GYPSUM PRODUCTS.	(D)	-	-	(D)	(D)	1.9	-	-	1.9
3281	CUT STONE AND STONE PRODUCTS	(D)	-	(D)	-	-	-	-	-	-
329	MISC. NONMETALLIC MINERAL PRODS.	1.7	(D)	0.6	(D)	-	24.1	-	-	24.1
3291	ABRASIVE PRODUCTS.	-	-	-	-	-	-	-	-	-
3292	ASBESTOS PRODUCTS.	(D)	(D)	-	-	-	-	-	-	-
3293	GASKETS, PACKING, SEALING DEVICES.	-	-	-	-	-	-	-	-	-
3295	MINERALS, GROUND OR TREATED.	-	-	-	-	-	(D)	-	-	(D)
3296	MINERAL WOOL	1.0	-	(D)	(D)	-	-	-	-	-
3297	NONCLAY REFRACTORIES	(D)	-	(D)	-	-	-	-	-	-
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	-	-	-	-	-	(D)	-	-	(D)

See footnotes at end of table.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind, for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
33	PRIMARY METAL INDUSTRIES . . .	822.6	17726.5	44881.8	905	8841.7	4941.2	4395.5	209.1	3932.0	(D)	(D)
331	BLAST FURNACE, BASIC STEEL PROD.	498.6	11099.5	26061.6	303	6972.4	4249.6	(D)	(D)	(D)	(D)	(D)
3312	BLAST FURNACES AND STEEL MILLS . .	456.0	10135.8	23542.1	196	6697.2	4012.8	(D)	(D)	(D)	(D)	(D)
3313	ELECTROMETALLURGICAL PRODUCTS . .	(D)	(D)	(D)	21	230.9	(D)	(D)	(D)	(D)	(D)	(D)
3315	STEEL WIRE AND RELATED PRODUCTS . .	(D)	(D)	(D)	34	16.2	(D)	(D)	(D)	(D)	(D)	(D)
3316	COLD FINISHING OF STEEL SHAPES . . .	12.0	301.9	992.0	26	18.4	14.2	14.2	6.6	4.0	3.5	(D)
3317	STEEL PIPE AND TUBES	(D)	(D)	(D)	26	9.6	(D)	(D)	(D)	(D)	(D)	(D)
332	IRON AND STEEL FOUNDRIES	118.5	2099.9	3510.0	165	245.3	57.9	(D)	(D)	(D)	(D)	(D)
3321	GRAY IRON FOUNDRIES	78.2	1441.8	2510.0	101	219.1	47.2	(D)	(D)	(D)	(D)	(D)
3322	MALLEABLE IRON FOUNDRIES	(D)	(D)	(D)	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3324	STEEL INVESTMENT FOUNDRIES	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3325	STEEL FOUNDRIES, NEC	23.0	348.9	534.3	46	15.4	7.0	6.9	5.1	.8	1.0	(D)
333	PRIMARY NONFERROUS METALS	52.4	1479.4	5214.5	81	1309.1	532.9	202.9	17.2	211.0	34.6	(D)
3331	PRIMARY COPPER	15.5	355.2	2371.6	25	154.4	50.2	24.0	7.7	10.3	6.0	(D)
3332	PRIMARY LEAD	2.4	119.7	408.0	7	21.2	7.4	7.4	.5	3.4	3.6	(D)
3333	PRIMARY ZINC	(D)	(D)	(D)	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3334	PRIMARY ALUMINUM	24.7	791.3	1890.3	28	721.9	175.6	175.3	6.3	153.0	15.8	(D)
3339	PRIMARY NONFERROUS METALS, NEC . .	(D)	(D)	(D)	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)
334	SECONDARY NONFERROUS METALS . . .	3.7	98.1	578.3	21	8.7	3.1	(D)	(D)	(D)	(D)	(D)
3341	SECONDARY NONFERROUS METALS . . .	3.7	98.1	578.3	21	8.7	3.1	(D)	(D)	(D)	(D)	(D)
335	NONFERROUS ROLLING AND DRAWING . .	120.7	2419.2	8501.6	220	276.3	85.3	83.8	29.1	34.9	19.7	(D)
3351	COPPER ROLLING AND DRAWING	26.5	595.1	2318.3	50	65.9	30.5	(D)	(D)	(D)	(D)	(D)
3353	ALUMINUM SHEET, PLATE, AND FOIL . .	23.2	433.6	1821.8	25	116.2	24.8	(D)	(D)	(D)	(D)	(D)
3354	ALUMINUM EXTRUDED PRODUCTS	13.9	250.9	614.9	34	15.2	6.1	6.1	4.7	-	1.4	(D)
3355	ALUMINUM ROLLING AND DRAWING, NEC.	4.0	47.2	288.8	8	4.2	2.9	2.9	.2	-	2.7	(D)
3356	NONFERROUS ROLLING & DRAWING, NEC.	10.9	201.0	595.2	23	26.1	7.6	7.1	2.8	3.0	1.2	(D)
3357	NONFERROUS WIREDRAWING, INSULATING.	40.3	891.5	2862.6	80	48.6	13.2	13.0	8.2	1.8	3.0	(D)
336	NONFERROUS FOUNDRIES	21.9	394.0	741.0	57	19.4	7.3	7.3	3.5	2.5	1.3	(D)
3361	ALUMINUM FOUNDRIES	14.4	264.0	504.5	37	16.6	5.3	5.3	2.5	2.5	.3	(D)
3362	BRASS, BRONZE, COPPER FOUNDRIES . .	2.5	34.7	64.8	7	.6	.5	.5	.2	-	.3	(D)
3369	NONFERROUS FOUNDRIES, NEC	5.1	95.3	171.8	13	2.1	1.5	1.5	.8	-	.7	(D)
339	MISC. PRIMARY METAL PRODUCTS . .	6.8	136.4	275.0	58	10.5	5.2	4.1	2.7	(D)	(D)	(D)
3398	METAL HEAT TREATING	4.6	78.3	139.3	35	3.9	3.2	(D)	(D)	(D)	(D)	(D)
3399	PRIMARY METAL PRODUCTS, NEC . . .	2.3	58.1	135.7	23	6.6	2.0	(D)	(D)	-	(D)	(D)
34	FABRICATED METAL PRODUCTS . . .	456.8	9110.1	16974.6	790	268.0	107.3	106.9	70.4	16.6	19.8	(D)
341	METAL CANS, SHIPPING CONTAINERS . .	28.0	623.8	1605.2	66	6.9	4.9	4.9	4.4	.1	.5	(D)
3411	METAL CANS	25.5	579.8	1497.9	51	(D)	4.1	4.1	(D)	.1	(D)	(D)
3412	METAL BARRELS, DRUMS, AND PAILS . .	2.4	44.0	107.2	15	(D)	.8	.8	(D)	-	(D)	(D)
342	CUTLERY, HANDTOOLS AND HARDWARE .	66.0	1601.5	2422.3	86	31.8	15.3	(D)	(D)	(D)	(D)	(D)
3421	CUTLERY	5.2	204.5	244.0	8	(D)	4.8	4.8	(D)	(D)	-	(D)
3423	HAND AND EDGE TOOLS, NEC	11.3	239.6	384.9	19	3.4	1.5	(D)	(D)	-	(D)	(D)
3425	HANDSAWS AND SAW BLADES	2.1	44.9	62.6	4	(D)	.6	.6	.1	-	.4	(D)
3429	HARDWARE, NEC	47.5	1112.4	1730.7	55	22.7	8.4	8.4	7.2	-	1.2	(D)
343	PLUMBING, HEATING, EXCEPT ELEC .	20.7	417.5	735.1	38	10.4	4.0	(D)	(D)	(D)	(D)	(D)
3431	METAL SANITARY WARE	7.1	139.8	228.8	13	4.2	1.4	1.4	1.2	(D)	(D)	(D)
3432	PLUMBING FITTINGS AND BRASS GOODS .	6.0	123.8	227.3	15	1.6	.7	(D)	(D)	-	(D)	(D)
3433	HEATING EQUIPMENT, EXC. ELECTRIC .	7.6	153.9	279.0	10	4.6	1.8	1.8	(D)	-	(D)	(D)
344	FABRICATED STRUC. METAL PRODS. . .	45.4	867.9	1830.3	80	17.2	8.1	(D)	(D)	-	(D)	(D)
3441	FABRICATED STRUCTURAL METAL	6.1	91.0	245.9	9	(D)	1.0	(D)	(D)	-	(D)	(D)
3442	METAL DOORS, SASH, AND TRIM	9.0	165.6	309.7	21	3.0	2.3	2.3	.8	-	1.4	(D)
3443	FABRICATED PLATEWORK, BOILER SHOP .	19.1	388.8	790.8	25	4.4	2.8	(D)	(D)	-	(D)	(D)
3444	SHEET METALWORK	6.3	123.1	270.9	13	2.3	1.2	1.2	(D)	-	(D)	(D)
3446	ARCHITECTURAL METALWORK	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	(D)
3448	PREFABRICATED METAL BUILDINGS . . .	(D)	(D)	(D)	4	(D)	(D)	(D)	(D)	-	(D)	(D)
3449	MISCELLANEOUS METALWORK	2.2	40.8	89.0	6	(D)	.4	.4	.4	-	-	(D)
345	SCREW MACHINE PROD., BOLTS, ETC. .	27.1	533.0	870.9	59	9.6	5.9	5.9	(D)	-	(D)	(D)
3451	SCREW MACHINE PRODUCTS	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	(D)	(D)
3452	BOLTS, NUTS, RIVETS, AND WASHERS .	(D)	(D)	(D)	58	(D)	(D)	(D)	(D)	-	(D)	(D)
346	METAL FORGINGS AND STAMPINGS . . .	123.3	2711.6	5444.8	139	112.2	23.8	23.8	17.2	4.2	2.4	(D)
3462	IRON AND STEEL FORGINGS	19.9	373.9	841.8	40	13.5	6.2	6.2	5.1	-	1.1	(D)
3463	NONFERROUS FORGINGS	3.7	67.8	149.0	7	(D)	1.9	1.9	1.7	.3	-	(D)
3465	AUTOMOTIVE STAMPINGS	80.0	1908.2	3751.8	46	90.4	11.3	11.3	6.8	3.8	.8	(D)
3466	CROWNS AND CLOSURES	2.4	53.7	98.3	4	(D)	.2	.2	.1	-	.1	(D)
3469	METAL STAMPINGS, NEC	17.4	307.9	603.9	42	5.5	4.1	4.1	3.6	.1	.5	(D)
347	METAL SERVICES, NEC	13.3	205.7	319.4	161	15.0	12.7	(D)	(D)	(D)	(D)	(D)
3471	PLATING AND POLISHING	10.3	146.7	210.0	143	13.0	11.6	(D)	(D)	(D)	(D)	(D)
3479	METAL COATING AND ALLIED SERVICES .	3.0	59.0	109.3	18	2.0	1.1	1.1	.7	-	.4	(D)
348	ORDNANCE AND ACCESSORIES, NEC . .	79.6	1199.4	2053.0	53	35.8	13.7	13.7	6.8	1.5	5.3	(D)
3482	SMALL ARMS AMMUNITION	12.9	220.2	412.9	9	(D)	2.7	2.7	.5	.4	1.8	(D)
3483	AMMUNITION, EXC. SMALL ARMS, NEC .	35.6	476.1	1007.3	26	16.8	6.4	6.4	3.2	1.1	2.1	(D)
3484	SMALL ARMS	10.8	184.4	257.9	8	(D)	1.7	1.7	1.4	-	.3	(D)
3489	ORDNANCE AND ACCESSORIES NEC . . .	20.3	318.6	375.0	10	(D)	2.9	2.9	1.7	-	1.2	(D)
349	MISC. FABRICATED METAL PRODUCTS .	53.4	949.8	1693.8	108	29.0	19.0	19.0	10.1	6.1	2.8	(D)
3493	STEEL SPRINGS, EXCEPT WIRE	1.8	31.5	66.6	5	(D)	1.0	1.0	.3	.7	-	(D)
3494	VALVES AND PIPE FITTINGS	35.6	613.3	1002.1	49	14.5	8.4	8.4	7.5	.1	.8	(D)
3495	WIRE SPRINGS	1.9	31.5	54.9	4	(D)	.3	.3	.1	-	.2	(D)
3496	MISC. FABRICATED WIRE PRODUCTS . .	3.7	44.4	106.3	16	7.0	6.6	6.6	.8	5.3	.4	(D)
3497	METAL FOIL AND LEAF	2.0	57.3	123.6	7	(D)	.9	.9	.3	-	.6	(D)
3498	FABRICATED PIPE AND FITTINGS . . .	1.5	30.2	63.8	5	(D)	.2	.2	.2	-	-	(D)
3499	FABRICATED METAL PRODUCTS, NEC . .	6.9	141.5	276.5	22	3.9	1.7	1.7	.9	-	.8	(D)

See footnotes at end of table.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind,
for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake, by kind—Continued									
		Brackish water, by source					Salt water, by source				
		Total	Public water system	Company systems			Total	Public water system	Company systems		
				Surface	Ground	Tidewater			Surface	Ground	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	(D)
331	BLAST FURNACE, BASIC STEEL PROD.	(D)	(D)	(D)	(D)	(D)	0.7	-	-	-	0.7
3312	BLAST FURNACES AND STEEL MILLS . .	(D)	(D)	(D)	(D)	(D)	.7	-	-	-	.7
3313	ELECTROMETALLURGICAL PRODUCTS . .	-	-	-	-	-	-	-	-	-	-
3315	STEEL WIRE AND RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-	-
3316	COLD FINISHING OF STEEL SHAPES . .	-	-	-	-	-	-	-	-	-	-
3317	STEEL PIPE AND TUBES	-	-	-	-	-	-	-	-	-	-
332	IRON AND STEEL FOUNDRIES	(D)	-	(D)	-	-	-	-	-	-	-
3321	GRAY IRON FOUNDRIES	(D)	-	(D)	-	-	-	-	-	-	-
3322	MALLEABLE IRON FOUNDRIES	-	-	-	-	-	-	-	-	-	-
3324	STEEL INVESTMENT FOUNDRIES	-	-	-	-	-	-	-	-	-	-
3325	STEEL FOUNDRIES, NEC	-	-	-	-	-	-	-	-	-	-
333	PRIMARY NONFERROUS METALS	(D)	-	(D)	(D)	-	(D)	-	-	-	(D)
3331	PRIMARY COPPER	7.3	-	(D)	(D)	-	18.9	-	-	-	18.6
3332	PRIMARY LEAD	-	-	-	-	-	-	-	-	-	-
3333	PRIMARY ZINC	(D)	-	(D)	-	-	-	-	-	-	-
3334	PRIMARY ALUMINUM . . . . .	.3	-	-	0.3	-	-	-	-	-	-
3339	PRIMARY NONFERROUS METALS, NEC . .	-	-	-	-	-	(D)	-	-	-	(D)
334	SECONDARY NONFERROUS METALS	(D)	-	-	-	-	-	-	-	-	-
3341	SECONDARY NONFERROUS METALS	(D)	-	-	-	-	-	-	-	-	-
335	NONFERROUS ROLLING AND DRAWING . .	1.5	-	0.3	(D)	(D)	-	-	-	-	-
3351	COPPER ROLLING AND DRAWING	(D)	-	-	-	(D)	-	-	-	-	-
3353	ALUMINUM SHEET, PLATE, AND FOIL . .	(D)	-	-	(D)	-	-	-	-	-	-
3354	ALUMINUM EXTRUDED PRODUCTS	-	-	-	-	-	-	-	-	-	-
3355	ALUMINUM ROLLING AND DRAWING, NEC .	-	-	-	-	-	-	-	-	-	-
3356	NONFERROUS ROLLING & DRAWING, NEC .	.5	-	-	.5	-	-	-	-	-	-
3357	NONFERROUS WIREDRAWING, INSULATING .	.3	-	.3	-	-	-	-	-	-	-
336	NONFERROUS FOUNDRIES	-	-	-	-	-	-	-	-	-	-
3361	ALUMINUM FOUNDRIES	-	-	-	-	-	-	-	-	-	-
3362	BRASS, BRONZE, COPPER FOUNDRIES . .	-	-	-	-	-	-	-	-	-	-
3369	NONFERROUS FOUNDRIES, NEC	-	-	-	-	-	-	-	-	-	-
339	MISC. PRIMARY METAL PRODUCTS . . .	1.1	-	(D)	(D)	-	-	-	-	-	-
3398	METAL HEAT TREATING	(D)	-	(D)	-	-	-	-	-	-	-
3399	PRIMARY METAL PRODUCTS, NEC	(D)	-	-	(D)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	.4	(D)	(D)	(D)	(D)	-	-	-	-	-
341	METAL CANS, SHIPPING CONTAINERS . .	-	-	-	-	-	-	-	-	-	-
3411	METAL CANS	-	-	-	-	-	-	-	-	-	-
3412	METAL BARRELS, DRUMS, AND PAILS . .	-	-	-	-	-	-	-	-	-	-
342	CUTLERY, HANDTOOLS AND HARDWARE . .	(D)	-	(D)	-	-	-	-	-	-	-
3421	CUTLERY	-	-	-	-	-	-	-	-	-	-
3423	HAND AND EDGE TOOLS, NEC	(D)	-	(D)	-	-	-	-	-	-	-
3425	HANDSAWS AND SAW BLADES	-	-	-	-	-	-	-	-	-	-
3429	HARDWARE, NEC	-	-	-	-	-	-	-	-	-	-
343	PLUMBING, HEATING, EXCEPT ELEC . .	(D)	(D)	-	-	-	-	-	-	-	-
3431	METAL SANITARY WARE	-	-	-	-	-	-	-	-	-	-
3432	PLUMBING FITTINGS AND BRASS GOODS .	(D)	(D)	-	-	-	-	-	-	-	-
3433	HEATING EQUIPMENT, EXC. ELECTRIC . .	-	-	-	-	-	-	-	-	-	-
344	FABRICATED STRUC. METAL PRODS. . .	(D)	-	-	(D)	(D)	-	-	-	-	-
3441	FABRICATED STRUCTURAL METAL	(D)	-	-	(D)	-	-	-	-	-	-
3442	METAL DOORS, SASH, AND TRIM	-	-	-	-	-	-	-	-	-	-
3443	FABRICATED PLATEWORK, BOILER SHOP .	(D)	-	-	-	(D)	-	-	-	-	-
3444	SHEET METALWORK	-	-	-	-	-	-	-	-	-	-
3446	ARCHITECTURAL METALWORK	-	-	-	-	-	-	-	-	-	-
3448	PREFABRICATED METAL BUILDINGS . . .	-	-	-	-	-	-	-	-	-	-
3449	MISCELLANEOUS METALWORK	-	-	-	-	-	-	-	-	-	-
345	SCREW MACHINE PROD., BOLTS, ETC. . .	-	-	-	-	-	-	-	-	-	-
3451	SCREW MACHINE PRODUCTS	-	-	-	-	-	-	-	-	-	-
3452	BOLTS, NUTS, RIVETS, AND WASHERS .	-	-	-	-	-	-	-	-	-	-
346	METAL FORGINGS AND STAMPINGS . . .	-	-	-	-	-	-	-	-	-	-
3462	IRON AND STEEL FORGINGS	-	-	-	-	-	-	-	-	-	-
3463	NONFERROUS FORGINGS	-	-	-	-	-	-	-	-	-	-
3465	AUTOMOTIVE STAMPINGS	-	-	-	-	-	-	-	-	-	-
3466	CROWNS AND CLOSURES	-	-	-	-	-	-	-	-	-	-
3469	METAL STAMPINGS, NEC	-	-	-	-	-	-	-	-	-	-
347	METAL SERVICES, NEC	(D)	-	-	-	-	-	-	-	-	-
3471	PLATING AND POLISHING	(D)	-	-	-	-	-	-	-	-	-
3479	METAL COATING AND ALLIED SERVICES .	-	-	-	-	-	-	-	-	-	-
348	ORDNANCE AND ACCESSORIES, NEC . . .	-	-	-	-	-	-	-	-	-	-
3482	SMALL ARMS AMMUNITION	-	-	-	-	-	-	-	-	-	-
3483	AMMUNITION, EXC. SMALL ARMS, NEC .	-	-	-	-	-	-	-	-	-	-
3484	SMALL ARMS	-	-	-	-	-	-	-	-	-	-
3489	ORDNANCE AND ACCESSORIES NEC	-	-	-	-	-	-	-	-	-	-
349	MISC. FABRICATED METAL PRODUCTS . .	-	-	-	-	-	-	-	-	-	-
3493	STEEL SPRINGS, EXCEPT WIRE	-	-	-	-	-	-	-	-	-	-
3494	VALVES AND PIPE FITTINGS	-	-	-	-	-	-	-	-	-	-
3495	WIRE SPRINGS	-	-	-	-	-	-	-	-	-	-
3496	MISC. FABRICATED WIRE PRODUCTS . . .	-	-	-	-	-	-	-	-	-	-
3497	METAL FOIL AND LEAF	-	-	-	-	-	-	-	-	-	-
3498	FABRICATED PIPE AND FITTINGS	-	-	-	-	-	-	-	-	-	-
3499	FABRICATED METAL PRODUCTS, NEC . . .	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind,
for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
35	MACHINERY, EXCEPT ELECTRICAL . .	697.7	16326.9	29726.4	556	438.3	171.2	158.2	59.8	52.4	27.3	18.6
351	ENGINES AND TURBINES	98.3	2558.1	4814.5	47	94.4	60.8	(D)	(D)	(D)	(D)	(D)
3511	TURBINES, TURBINE GENERATOR SETS . .	42.2	1145.9	2057.2	15	61.5	48.7	(D)	(D)	(D)	-	(D)
3519	INTERNAL COMBUSTION ENGINES, NEC . .	56.1	1412.2	2757.3	32	32.9	12.2	12.2	7.9	(D)	(D)	-
352	FARM AND GARDEN MACHINERY	59.6	1477.4	3022.0	45	36.2	22.0	22.0	5.8	14.2	1.9	-
3523	FARM MACHINERY AND EQUIPMENT	55.0	1347.2	2753.4	38	(D)	21.4	21.4	(D)	14.2	(D)	-
3524	LAWN AND GARDEN EQUIPMENT	4.6	130.2	268.6	7	(D)	.6	.6	(D)	-	(D)	-
353	CONSTRUCTION, RELATED MACHINERY . .	117.3	2766.3	5067.0	83	82.1	20.4	(D)	(D)	(D)	(D)	-
3531	CONSTRUCTION MACHINERY	77.6	2001.8	3712.1	43	60.4	16.3	(D)	(D)	(D)	(D)	-
3532	MINING MACHINERY	8.7	152.1	281.6	11	(D)	1.8	1.8	1.7	-	-	-
3533	OILFIELD MACHINERY	10.7	199.7	303.2	11	(D)	1.4	1.4	.5	-	.9	-
3534	ELEVATORS AND MOVING STAIRWAYS . . .	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
3535	CONVEYORS AND CONVEYING EQUIPMENT .	(D)	(D)	(D)	7	(D)	(D)	(D)	(D)	-	-	-
3536	HOISTS, CRANES, AND MONORAILS	4.6	62.6	118.7	3	(D)	.2	.2	.2	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS	9.1	238.0	465.2	5	4.9	.4	.4	(D)	-	(D)	-
354	METALWORKING MACHINERY	56.7	972.6	1548.3	69	14.8	6.0	6.0	4.4	.2	1.4	-
3541	MACHINE TOOLS, METAL-CUTTING	19.0	294.0	428.6	18	4.6	1.9	1.9	1.2	.2	.4	-
3542	MACHINE TOOLS, METAL-FORMING	5.0	72.2	131.2	6	(D)	.2	.2	.2	-	-	-
3544	SPECIAL DIES, TOOLS, JIGS, ETC	2.3	43.0	57.0	5	.9	.5	.5	(D)	-	(D)	-
3545	MACHINE TOOL ACCESSORIES	10.6	217.8	328.5	17	3.9	1.4	1.4	1.2	-	.2	-
3546	POWER DRIVEN HANDTOOLS	13.9	238.0	427.1	14	3.2	1.0	1.0	.5	-	.5	-
3547	ROLLING MILL MACHINERY	4.5	81.1	135.2	5	1.6	.8	.8	(D)	-	(D)	-
3549	METALWORKING MACHINERY, NEC	1.4	26.5	40.7	4	(D)	.1	.1	.1	-	-	-
355	SPECIAL INDUSTRY MACHINERY	41.3	999.0	1509.4	49	18.1	5.1	5.1	2.9	.6	1.6	-
3551	FOOD PRODUCTS MACHINERY	4.8	94.2	157.6	7	.4	.4	.4	.3	-	-	-
3552	TEXTILE MACHINERY	11.4	157.3	252.7	12	2.8	1.5	1.5	(D)	.5	(D)	-
3553	WOODWORKING MACHINERY	4.0	99.8	180.9	6	1.3	.5	.5	.4	-	-	-
3554	PAPER INDUSTRIES MACHINERY	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	-
3555	PRINTING TRADES MACHINERY	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
3559	SPECIAL INDUSTRY MACHINERY, NEC . . .	16.9	561.7	764.5	19	12.4	1.8	1.8	.9	.1	.8	-
356	GENERAL INDUSTRIAL MACHINERY	93.8	1799.6	2891.8	112	46.2	14.7	14.3	9.0	.9	4.4	-
3561	PUMPS AND PUMPING EQUIPMENT	18.4	386.0	632.0	26	4.3	2.8	(D)	(D)	(D)	(D)	-
3562	BALL AND ROLLER BEARINGS	39.9	732.0	1182.5	33	33.9	7.3	(D)	(D)	(D)	(D)	-
3563	AIR AND GAS COMPRESSORS	11.0	234.1	379.9	11	1.5	1.0	1.0	(D)	-	(D)	-
3564	BLOWERS AND FANS	2.6	45.0	77.0	7	.3	.3	.3	.2	-	.1	-
3566	SPEED CHANGERS, DRIVES, AND GEARS . .	8.2	158.0	236.9	11	(D)	.9	.9	(D)	-	(D)	-
3567	INDUSTRIAL FURNACES AND OVENS	1.5	31.8	52.6	3	.8	.1	.1	(D)	-	(D)	-
3568	POWER TRANSMISSION EQUIPMENT, NEC . .	9.8	178.4	274.7	14	2.5	1.9	1.9	1.3	-	.6	-
3569	GENERAL INDUSTRIAL MACHINERY, NEC . .	2.4	34.4	56.3	7	(D)	.4	.4	.1	-	.2	-
357	OFFICE AND COMPUTING MACHINES	106.4	2786.2	5247.0	49	53.8	18.7	(D)	(D)	(D)	(D)	(D)
3573	ELECTRONIC COMPUTING EQUIPMENT	73.6	2029.2	4012.9	32	41.0	15.3	15.3	(D)	(D)	.8	(D)
3574	CALCULATING, ACCOUNTING MACHINES . .	16.1	244.2	457.5	7	(D)	2.1	2.1	.7	-	(D)	-
3576	SCALES, BALANCES, EXC. LABORATORY . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
3579	OFFICE MACHINES, TYPEWRITERS, ETC . .	(D)	(D)	(D)	9	(D)	(D)	(D)	(D)	-	-	-
358	REFRIGERATION AND SERVICE MACH	101.7	2512.4	4943.0	80	44.9	20.5	20.5	13.0	-	7.5	-
3581	AUTOMATIC MERCHANDISING MACHINES . .	(D)	(D)	(D)	4	(D)	(D)	(D)	(D)	-	-	-
3582	COMMERCIAL LAUNDRY EQUIPMENT	(D)	(D)	(D)	3	.2	(D)	(D)	(D)	-	-	-
3585	REFRIGERATION, HEATING EQUIPMENT . . .	90.1	2277.9	4551.9	62	39.6	18.7	18.7	11.2	-	7.5	-
3586	MEASURING AND DISPENSING PUMPS	4.0	76.1	121.9	5	(D)	1.1	1.1	1.1	-	-	-
3589	SERVICE INDUSTRY MACHINERY, NEC	2.7	49.2	89.3	6	(D)	.4	.4	.3	-	.1	-
359	MISC. MACHINERY, EXC. ELEC	22.7	455.3	683.4	22	47.8	2.9	2.9	2.1	-	.9	-
3592	CARBURETORS, PISTONS, RINGS, ETC . . .	18.7	361.3	536.6	16	(D)	2.1	2.1	(D)	-	(D)	-
3599	MACHINERY, EXCEPT ELECTRICAL, NEC . .	3.9	94.1	146.8	6	(D)	.9	.9	(D)	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP	885.0	17798.2	31303.3	644	1043.0	104.3	101.5	81.1	(D)	12.9	(D)
361	ELECTRIC DISTRIBUTING EQUIPMENT	55.1	996.4	1662.5	49	13.6	5.9	(D)	(D)	-	(D)	-
3612	TRANSFORMERS	27.0	427.5	795.2	17	7.1	2.6	2.6	2.3	-	.3	-
3613	SWITCHGEAR, SWITCHBOARD APPARATUS . .	28.2	568.9	867.3	32	6.4	3.3	(D)	(D)	-	(D)	-
362	ELECTRICAL INDUSTRIAL APPARATUS	85.7	1633.8	2620.8	84	38.1	15.2	15.2	10.6	3.3	1.2	-
3621	MOTORS AND GENERATORS	43.8	839.1	1355.3	39	22.8	6.0	6.0	3.5	2.2	.4	-
3622	INDUSTRIAL CONTROLS	25.6	446.4	682.2	19	6.9	3.3	3.3	3.2	-	.2	-
3623	WELDING APPARATUS, ELECTRIC	3.1	114.9	204.6	4	.7	.3	.3	.2	-	-	-
3624	CARBON AND GRAPHITE PRODUCTS	7.8	159.2	250.3	16	5.3	3.8	3.8	3.3	(D)	(D)	-
3629	ELEC. INDUSTRIAL APPARATUS, NEC	5.4	74.4	128.5	6	2.3	1.7	1.7	.4	(D)	(D)	-
363	HOUSEHOLD APPLIANCES	105.5	2484.8	4802.0	87	37.6	15.5	(D)	(D)	(D)	(D)	-
3631	HOUSEHOLD COOKING EQUIPMENT	12.5	230.9	507.3	14	3.3	1.5	1.5	1.3	-	.2	-
3632	HOUSEHOLD REFRIGERATORS, FREEZERS . . .	32.8	770.4	1657.9	14	12.2	4.9	4.9	4.0	-	.9	-
3633	HOUSEHOLD LAUNDRY EQUIPMENT	19.8	614.4	1188.2	10	10.1	3.2	3.2	(D)	-	(D)	-
3634	ELECTRIC HOUSEWARES AND FANS	20.9	373.8	638.7	32	(D)	2.8	2.8	2.4	(D)	(D)	-
3635	HOUSEHOLD VACUUM CLEANERS	(D)	(D)	(D)	4	(D)	(D)	(D)	(D)	-	-	-
3636	SEWING MACHINES	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
3639	HOUSEHOLD APPLIANCES, NEC	7.7	210.3	407.2	10	3.4	1.9	1.9	1.9	-	-	-
364	ELEC. LIGHTING, WIRING EQUIP	69.8	1416.6	2308.7	86	18.7	10.5	10.5	7.7	.9	1.9	-
3641	ELECTRIC LAMPS	19.2	438.0	664.6	25	2.5	1.7	1.7	1.3	-	.4	-
3643	CURRENT-CARRYING WIRING DEVICES	20.8	331.6	498.5	18	5.2	3.0	3.0	2.9	-	.1	-
3644	NONCURRENT-CARRYING WIRING DEVICES . .	9.5	177.6	313.1	18	3.1	1.8	1.8	(D)	-	(D)	-
3645	RESIDENTIAL LIGHTING FIXTURES	4.4	79.0	150.5	9	.6	.5	.5	.5	-	-	-
3646	COMMERCIAL LIGHTING FIXTURES	3.2	77.2	155.4	6	.5	.4	.4	.3	-	-	-
3647	VEHICULAR LIGHTING EQUIPMENT	9.3	235.4	393.3	5	(D)	2.4	2.4	(D)	.9	(D)	-
3648	LIGHTING EQUIPMENT, NEC	3.3	77.7	133.3	5	(D)	.8	.8	.7	-	-	-
365	RADIO, TV RECEIVING EQUIPMENT	61.5	1410.3	3478.3	30	12.9	3.7	(D)	(D)	-	(D)	-
3651	RADIO AND TV RECEIVING SETS	58.3	1373.0	3408.4	21	(D)	2.9	2.9	2.8	-	.1	-
3652	PHONO, RECORDS, PRERECORDED TAPE . . .	3.1	37.3	69.9	9	(D)	.8	(D)	(D)	-	(D)	-
366	COMMUNICATION EQUIPMENT	272.9	5357.3	8598.3	95	124.9	17.0	(D)	(D)	(D)	(D)	(D)
3661	TELEPHONE AND TELEGRAPH APPARATUS . .	117.0	2326.8	3892.3	26	(D)	7.5	(D)	(D)	-	(D)	-
3662	RADIO AND TV COMMUNICATION EQUIP . . .	155.9	3030.5	4706.0	69	(D)	9.6	9.6	6.7	(D)	1.5	(D)

See footnotes at end of table.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind,
for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake, by kind—Continued									
		Brackish water, by source					Salt water, by source				
		Total	Public water system	Company systems			Total	Public water system	Company systems		
				Surface	Ground	Tidewater			Surface	Ground	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
35	MACHINERY, EXCEPT ELECTRICAL .	(D)	-	(D)	(D)	-	(D)	-	-	-	(D)
351	ENGINES AND TURBINES	-	-	-	-	-	(D)	-	-	-	(D)
3511	TURBINES, TURBINE GENERATOR SETS .	-	-	-	-	-	(D)	-	-	-	(D)
3519	INTERNAL COMBUSTION ENGINES, NEC .	-	-	-	-	-	-	-	-	-	-
352	FARM AND GARDEN MACHINERY. . . .	-	-	-	-	-	-	-	-	-	-
3523	FARM MACHINERY AND EQUIPMENT . . .	-	-	-	-	-	-	-	-	-	-
3524	LAWN AND GARDEN EQUIPMENT.	-	-	-	-	-	-	-	-	-	-
353	CONSTRUCTION, RELATED MACHINERY.	(D)	-	-	(D)	-	-	-	-	-	-
3531	CONSTRUCTION MACHINERY	(D)	-	-	(D)	-	-	-	-	-	-
3532	MINING MACHINERY	-	-	-	-	-	-	-	-	-	-
3533	OILFIELD MACHINERY	-	-	-	-	-	-	-	-	-	-
3534	ELEVATORS AND MOVING STAIRWAYS . .	-	-	-	-	-	-	-	-	-	-
3535	CONVEYORS AND CONVEYING EQUIPMENT.	-	-	-	-	-	-	-	-	-	-
3536	HOISTS, CRANES, AND MONORAILS. . .	-	-	-	-	-	-	-	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS . .	-	-	-	-	-	-	-	-	-	-
354	METALWORKING MACHINERY	-	-	-	-	-	-	-	-	-	-
3541	MACHINE TOOLS, METAL-CUTTING . . .	-	-	-	-	-	-	-	-	-	-
3542	MACHINE TOOLS, METAL-FORMING . . .	-	-	-	-	-	-	-	-	-	-
3544	SPECIAL DIES, TOOLS, JIGS, ETC . . .	-	-	-	-	-	-	-	-	-	-
3545	MACHINE TOOL ACCESSORIES	-	-	-	-	-	-	-	-	-	-
3546	POWER DRIVEN HANDTOOLS	-	-	-	-	-	-	-	-	-	-
3547	ROLLING MILL MACHINERY	-	-	-	-	-	-	-	-	-	-
3549	METALWORKING MACHINERY, NEC. . . .	-	-	-	-	-	-	-	-	-	-
355	SPECIAL INDUSTRY MACHINERY	-	-	-	-	-	-	-	-	-	-
3551	FOOD PRODUCTS MACHINERY.	-	-	-	-	-	-	-	-	-	-
3552	TEXTILE MACHINERY.	-	-	-	-	-	-	-	-	-	-
3553	WOODWORKING MACHINERY.	-	-	-	-	-	-	-	-	-	-
3554	PAPER INDUSTRIES MACHINERY	-	-	-	-	-	-	-	-	-	-
3555	PRINTING TRADES MACHINERY.	-	-	-	-	-	-	-	-	-	-
3559	SPECIAL INDUSTRY MACHINERY, NEC. .	-	-	-	-	-	-	-	-	-	-
356	GENERAL INDUSTRIAL MACHINERY . .	0.5	-	(D)	(D)	-	-	-	-	-	-
3561	PUMPS AND PUMPING EQUIPMENT. . . .	(D)	-	(D)	-	-	-	-	-	-	-
3562	BALL AND ROLLER BEARINGS	(D)	-	-	(D)	-	-	-	-	-	-
3563	AIR AND GAS COMPRESSORS.	-	-	-	-	-	-	-	-	-	-
3564	BLOWERS AND FANS	-	-	-	-	-	-	-	-	-	-
3566	SPEED CHANGERS, DRIVES, AND GEARS.	-	-	-	-	-	-	-	-	-	-
3567	INDUSTRIAL FURNACES AND OVENS. . .	-	-	-	-	-	-	-	-	-	-
3568	POWER TRANSMISSION EQUIPMENT, NEC.	-	-	-	-	-	-	-	-	-	-
3569	GENERAL INDUSTRIAL MACHINERY, NEC.	-	-	-	-	-	-	-	-	-	-
357	OFFICE AND COMPUTING MACHINES. .	(D)	-	-	(D)	-	-	-	-	-	-
3573	ELECTRONIC COMPUTING EQUIPMENT . .	-	-	-	-	-	-	-	-	-	-
3574	CALCULATING, ACCOUNTING MACHINES .	-	-	-	-	-	-	-	-	-	-
3576	SCALES, BALANCES, EXC. LABORATORY.	(D)	-	-	(D)	-	-	-	-	-	-
3579	OFFICE MACHINES, TYPEWRITERS, ETC.	-	-	-	-	-	-	-	-	-	-
358	REFRIGERATION AND SERVICE MACH. .	-	-	-	-	-	-	-	-	-	-
3581	AUTOMATIC MERCHANDISING MACHINES .	-	-	-	-	-	-	-	-	-	-
3582	COMMERCIAL LAUNDRY EQUIPMENT . . .	-	-	-	-	-	-	-	-	-	-
3585	REFRIGERATION, HEATING EQUIPMENT .	-	-	-	-	-	-	-	-	-	-
3586	MEASURING AND DISPENSING PUMPS . .	-	-	-	-	-	-	-	-	-	-
3589	SERVICE INDUSTRY MACHINERY, NEC. .	-	-	-	-	-	-	-	-	-	-
359	MISC. MACHINERY, EXC. ELEC	-	-	-	-	-	-	-	-	-	-
3592	CARBURETORS, PISTONS, RINGS, ETC .	-	-	-	-	-	-	-	-	-	-
3599	MACHINERY, EXCEPT ELECTRICAL, NEC.	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . .	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	(D)
361	ELECTRIC DISTRIBUTING EQUIPMENT.	(D)	-	-	(D)	-	-	-	-	-	-
3612	TRANSFORMERS	-	-	-	-	-	-	-	-	-	-
3613	SWITCHGEAR, SWITCHBOARD APPARATUS.	(D)	-	-	(D)	-	-	-	-	-	-
362	ELECTRICAL INDUSTRIAL APPARATUS.	-	-	-	-	-	-	-	-	-	-
3621	MOTORS AND GENERATORS.	-	-	-	-	-	-	-	-	-	-
3622	INDUSTRIAL CONTROLS.	-	-	-	-	-	-	-	-	-	-
3623	WELDING APPARATUS, ELECTRIC. . . .	-	-	-	-	-	-	-	-	-	-
3624	CARBON AND GRAPHITE PRODUCTS . . .	-	-	-	-	-	-	-	-	-	-
3629	ELEC. INDUSTRIAL APPARATUS, NEC. . .	-	-	-	-	-	-	-	-	-	-
363	HOUSEHOLD APPLIANCES	(D)	-	-	-	(D)	-	-	-	-	-
3631	HOUSEHOLD COOKING EQUIPMENT. . . .	-	-	-	-	-	-	-	-	-	-
3632	HOUSEHOLD REFRIGERATORS, FREEZERS.	-	-	-	-	-	-	-	-	-	-
3633	HOUSEHOLD LAUNDRY EQUIPMENT. . . .	-	-	-	-	-	-	-	-	-	-
3634	ELECTRIC HOUSEWARES AND FANS	-	-	-	-	-	-	-	-	-	-
3635	HOUSEHOLD VACUUM CLEANERS.	-	-	-	-	-	-	-	-	-	-
3636	SEWING MACHINES.	(D)	-	-	-	(D)	-	-	-	-	-
3639	HOUSEHOLD APPLIANCES, NEC.	-	-	-	-	-	-	-	-	-	-
364	ELEC. LIGHTING, WIRING EQUIP . .	-	-	-	-	-	-	-	-	-	-
3641	ELECTRIC LAMPS	-	-	-	-	-	-	-	-	-	-
3643	CURRENT-CARRYING WIRING DEVICES. .	-	-	-	-	-	-	-	-	-	-
3644	NONCURRENT-CARRYING WIRING DEVICES.	-	-	-	-	-	-	-	-	-	-
3645	RESIDENTIAL LIGHTING FIXTURES. . . .	-	-	-	-	-	-	-	-	-	-
3646	COMMERCIAL LIGHTING FIXTURES	-	-	-	-	-	-	-	-	-	-
3647	VEHICULAR LIGHTING EQUIPMENT	-	-	-	-	-	-	-	-	-	-
3648	LIGHTING EQUIPMENT, NEC.	-	-	-	-	-	-	-	-	-	-
365	RADIO, TV RECEIVING EQUIPMENT. . .	(D)	(D)	-	-	-	-	-	-	-	-
3651	RADIO AND TV RECEIVING SETS.	-	-	-	-	-	-	-	-	-	-
3652	PHONO, RECORDS, PRERECORDED TAPE .	(D)	(D)	-	-	-	-	-	-	-	-
366	COMMUNICATION EQUIPMENT.	-	-	-	-	-	(D)	-	-	-	(D)
3661	TELEPHONE AND TELEGRAPH APPARATUS.	-	-	-	-	-	(D)	-	-	-	(D)
3662	RADIO AND TV COMMUNICATION EQUIP .	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind,
for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
36	ELECTRIC AND ELECTRONIC EQUIPMENT--CONTINUED											
367	ELECTRONIC COMPONENTS, ACCESS. . .	170.1	2964.9	5218.7	133	769.4	25.4	25.4	19.1	1.6	4.7	-
3671	ELECTRON TUBES, RECEIVING TYPE . . .	9.7	150.4	200.9	6	4.0	.9	.9	.9	-	-	-
3672	CATHODE RAY TV PICTURE TUBES . . .	13.6	313.0	632.2	7	12.9	3.1	3.1	1.8	.2	1.1	-
3673	ELECTRON TUBES, TRANSMITTING . . .	10.3	171.3	240.2	11	4.9	2.4	2.4	(D)	.2	(D)	-
3674	SEMICONDUCTORS, RELATED DEVICES. . .	70.5	1161.4	1793.7	34	720.2	3.8	3.8	8.2	-	.6	-
3675	ELECTRONIC CAPACITORS.	9.4	95.9	160.6	15	3.6	3.0	3.0	1.3	1.2	.6	-
3676	ELECTRONIC RESISTORS	9.1	124.9	172.0	12	(D)	.6	.6	(D)	-	(D)	-
3677	ELECTRONIC COILS AND TRANSFORMERS. .	4.4	71.0	104.2	4	(D)	.6	.6	.6	-	-	-
3678	ELECTRONIC CONNECTORS.	2.3	51.1	76.3	7	.7	.6	.6	.4	-	.2	-
3679	ELECTRONIC COMPONENTS, NEC	40.8	825.8	1838.5	37	21.5	5.5	5.5	3.8	-	1.7	-
369	MISC. ELEC. EQUIPMENT, SUPPLIES. . .	64.4	1534.1	2614.0	80	28.0	11.0	(D)	(D)	(D)	(D)	-
3691	STORAGE BATTERIES.	14.0	304.9	608.9	45	5.0	3.5	3.5	3.1	(D)	(D)	-
3692	PRIMARY BATTERIES, DRY AND WET . . .	(D)	(D)	(D)	5	(D)	(D)	(D)	(D)	-	-	-
3693	X-RAY APPARATUS AND TUBES.	5.1	117.4	175.6	4	(D)	.9	.9	.9	-	-	-
3694	ENGINE ELECTRICAL EQUIPMENT.	41.7	1020.1	1683.0	22	21.1	5.8	(D)	(D)	-	(D)	-
3699	ELECTRICAL EQUIP., SUPPLIES, NEC . .	(D)	(D)	(D)	4	(D)	(D)	(D)	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT	1214.5	31055.0	75470.7	413	1967.4	242.3	220.3	132.7	68.2	18.6	-
371	MOTOR VEHICLES AND EQUIPMENT . . .	578.1	17789.0	53168.7	207	1700.8	110.9	(D)	(D)	(D)	(D)	-
3711	MOTOR VEHICLES AND CAR BODIES. . .	301.4	11016.5	39394.9	61	(D)	51.0	51.0	47.9	.4	2.7	-
3713	TRUCK AND BUS BODIES	(D)	(D)	(D)	7	(D)	(D)	(D)	(D)	-	(D)	-
3714	MOTOR VEHICLE PARTS, ACCESSORIES . .	271.4	6682.2	13581.5	138	(D)	58.7	(D)	(D)	(D)	(D)	-
3715	TRUCK TRAILERS	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	-	-
372	AIRCRAFT AND PARTS	366.0	7828.7	13364.3	97	168.0	94.0	91.7	37.3	47.7	6.6	-
3721	AIRCRAFT	224.0	4995.3	8586.1	26	65.1	25.0	(D)	(D)	-	(D)	-
3724	AIRCRAFT ENGINES AND ENGINE PARTS. .	73.9	1394.7	2657.2	30	81.7	59.3	(D)	(D)	(D)	(D)	-
3728	AIRCRAFT EQUIPMENT, NEC.	66.0	1438.6	2121.1	41	21.3	9.8	(D)	(D)	(D)	(D)	-
3731	SHIP BUILDING AND REPAIRING.	110.6	1424.5	2477.3	39	(D)	25.8	6.6	4.4	.5	1.7	-
3743	RAILROAD EQUIPMENT	36.3	900.3	1853.6	22	22.8	3.6	3.6	(D)	(D)	-	-
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	(D)	(D)	(D)	9	2.6	(D)	(D)	(D)	-	(D)	-
376	GUIDED MISSILES, SPACE VEHICLES. . .	111.4	2865.4	4098.7	34	39.8	6.1	6.1	4.3	1.4	.3	-
3761	GUIDED MISSILES, SPACE VEHICLES. . .	84.1	2160.6	3062.5	15	24.6	2.9	2.9	2.9	-	-	-
3764	SPACE PROPULSION UNITS AND PARTS . .	16.6	427.0	592.6	12	7.0	2.4	2.4	.7	1.4	.3	-
3769	SPACE VEHICLE EQUIPMENT, NEC	10.7	277.8	443.5	7	7.9	.8	.8	.8	-	-	-
379	MISC. TRANSPORTATION EQUIPMENT . .	(D)	(D)	(D)	5	(D)	(D)	(D)	(D)	-	(D)	-
3795	TANKS AND TANK COMPONENTS.	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	(D)	-
3799	TRANSPORTATION EQUIPMENT, NEC. . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. . . .	198.7	5880.6	8174.3	137	135.4	37.4	37.4	12.3	19.6	(D)	(D)
3811	ENGINEERING, SCIENTIFIC INSTRU . . .	10.4	199.9	279.6	9	(D)	.9	.9	.6	-	.2	-
382	MEASURING, CONTROLLING DEVICES . . .	73.3	1257.4	1779.9	52	10.7	5.4	5.4	3.5	.5	1.4	-
3822	ENVIRONMENTAL CONTROLS	20.8	353.9	490.8	14	(D)	1.7	1.7	.8	-	.9	-
3823	PROCESS CONTROL INSTRUMENTS.	22.2	357.0	506.4	12	2.3	.7	.7	.7	-	.1	-
3824	FLUID METERS AND COUNTING DEVICES. .	3.8	81.5	127.6	8	.6	.3	.3	.3	-	-	-
3825	INSTRU. TO MEASURE ELECTRICITY	19.6	393.6	537.6	12	4.2	2.4	2.4	(D)	.5	(D)	-
3829	MEASURING, CONTROLLING DEVICES, NEC .	6.6	71.4	117.6	6	(D)	.3	.3	(D)	-	(D)	-
3832	OPTICAL INSTRUMENTS AND LENSES . . .	2.1	77.5	86.1	3	(D)	.1	.1	.1	-	-	-
384	MEDICAL INSTRUMENTS, SUPPLIES. . . .	22.4	534.0	814.3	32	5.2	3.5	3.5	3.0	-	.5	-
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	8.6	162.2	243.1	14	3.6	2.0	2.0	1.8	-	.2	-
3842	SURGICAL APPLIANCES AND SUPPLIES . .	11.4	319.0	485.1	14	(D)	1.4	1.3	1.1	-	.2	-
3843	DENTAL EQUIPMENT AND SUPPLIES. . . .	2.5	52.8	86.1	4	(D)	.1	.1	.1	-	-	-
3851	OPHTHALMIC GOODS	7.8	98.5	153.7	7	(D)	6.2	6.2	1.3	4.9	-	-
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES . .	69.4	3506.8	4620.9	27	108.2	20.7	20.7	3.4	14.0	(D)	(D)
3873	WATCHES, CLOCKS, AND WATCHCASES. .	13.2	206.5	439.9	7	1.3	.6	.6	.4	.2	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . .	59.4	1143.7	1879.6	91	26.4	12.1	11.9	7.7	2.0	2.2	-
391	JEWELRY, SILVER AND PLATED WARE. . . .	8.8	149.8	249.7	11	(D)	1.0	(D)	(D)	-	-	-
3911	JEWELRY, PRECIOUS METAL.	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
3914	SILVERWARE AND PLATED WARE	5.4	87.0	159.5	6	.9	.7	(D)	(D)	-	-	-
3915	JEWELERS' MATS., LAPIDARY WORK	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
3931	MUSICAL INSTRUMENTS.	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
394	TOYS AND SPORTING GOODS.	17.9	282.2	529.8	22	5.9	3.2	3.2	(D)	(D)	(D)	-
3944	GAMES, TOYS, CHILDREN'S VEHICLES . . .	7.7	101.2	213.2	9	(D)	1.1	1.1	(D)	-	(D)	-
3949	SPORTING AND ATHLETIC GOODS, NEC . . .	10.2	180.9	316.6	13	(D)	2.2	2.2	(D)	(D)	-	-
395	PENS, OFFICE AND ART GOODS	(D)	(D)	(D)	8	(D)	(D)	(D)	(D)	-	(D)	-
3951	PENS AND MECHANICAL PENCILS	2.9	70.9	92.0	4	(D)	.5	.5	(D)	-	(D)	-
3952	LEAD PENCILS AND ART GOODS	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
3955	CARBON PAPER AND INKED RIBBONS	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	-	-
396	COSTUME JEWELRY AND NOTIONS.	10.0	158.1	260.9	21	5.4	2.7	2.7	1.1	1.5	.2	-
3961	COSTUME JEWELRY.	(D)	(D)	(D)	5	(D)	(D)	(D)	(D)	-	-	-
3963	BUTTONS	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
3964	NEEDLES, PINS, AND FASTENERS	6.9	106.7	176.1	15	(D)	2.5	2.5	.6	1.5	.2	-
399	MISCELLANEOUS MANUFACTURES	16.7	435.5	666.9	26	(D)	4.4	(D)	(D)	(D)	(D)	-
3991	BROOMS AND BRUSHES	1.9	37.6	52.5	4	(D)	.8	.8	(D)	-	(D)	-
3993	SIGNS AND ADVERTISING DISPLAYS	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
3995	BURIAL CASKETS	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
3996	HARD SURFACE FLOOR COVERINGS	5.0	179.8	297.6	5	(D)	1.8	1.8	(D)	-	(D)	-
3999	MANUFACTURING INDUSTRIES, NEC.	8.0	169.4	250.3	12	1.8	1.7	(D)	(D)	(D)	(D)	-

Note: Figures shown for industry groups (3-digit) and major groups (2-digit) include data for all component industries whether or not separate figures are shown for individual industries in the group.

TABLE 2A. Gross Water Used and Water Intake, by Source and Kind,
for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
36	ELECTRIC AND ELECTRONIC EQUIPMENT—CONTINUED									
367	ELECTRONIC COMPONENTS, ACCESS.	-	-	-	-	-	-	-	-	-
3671	ELECTRON TUBES, RECEIVING TYPE	-	-	-	-	-	-	-	-	-
3672	CATHODE RAY TV, PICTURE TUBES	-	-	-	-	-	-	-	-	-
3673	ELECTRON TUBES, TRANSMITTING	-	-	-	-	-	-	-	-	-
3674	SEMICONDUCTORS, RELATED DEVICES	-	-	-	-	-	-	-	-	-
3675	ELECTRONIC CAPACITORS	-	-	-	-	-	-	-	-	-
3676	ELECTRONIC RESISTORS	-	-	-	-	-	-	-	-	-
3677	ELECTRONIC COILS AND TRANSFORMERS	-	-	-	-	-	-	-	-	-
3678	ELECTRONIC CONNECTORS	-	-	-	-	-	-	-	-	-
3679	ELECTRONIC COMPONENTS, NEC	-	-	-	-	-	-	-	-	-
369	MISC. ELEC. EQUIPMENT, SUPPLIES	(D)	-	(D)	-	-	-	-	-	-
3691	STORAGE BATTERIES	-	-	-	-	-	-	-	-	-
3692	PRIMARY BATTERIES, DRY AND WET	-	-	-	-	-	-	-	-	-
3693	X-RAY APPARATUS AND TUBES	-	-	-	-	-	-	-	-	-
3694	ENGINE ELECTRICAL EQUIPMENT	(D)	-	(D)	-	-	-	-	-	-
3699	ELECTRICAL EQUIP., SUPPLIES, NEC	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
371	MOTOR VEHICLES AND EQUIPMENT	(D)	-	-	(D)	-	-	-	-	-
3711	MOTOR VEHICLES AND CAR BODIES	-	-	-	-	-	-	-	-	-
3713	TRUCK AND BUS BODIES	-	-	-	-	-	-	-	-	-
3714	MOTOR VEHICLE PARTS, ACCESSORIES	(D)	-	-	(D)	-	-	-	-	-
3715	TRUCK TRAILERS	-	-	-	-	-	-	-	-	-
372	AIRCRAFT AND PARTS	(D)	-	-	(D)	-	(D)	-	-	(D)
3721	AIRCRAFT	(D)	-	-	(D)	-	-	-	-	-
3724	AIRCRAFT ENGINES AND ENGINE PARTS	-	-	-	-	-	(D)	-	-	(D)
3728	AIRCRAFT EQUIPMENT, NEC	-	-	-	-	-	(D)	-	-	(D)
3731	SHIP BUILDING AND REPAIRING	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
3743	RAILROAD EQUIPMENT	-	-	-	-	-	-	-	-	-
3751	MOTORCYCLES, BICYCLES, AND PARTS	-	-	-	-	-	-	-	-	-
376	GUIDED MISSILES, SPACE VEHICLES	-	-	-	-	-	-	-	-	-
3761	GUIDED MISSILES, SPACE VEHICLES	-	-	-	-	-	-	-	-	-
3764	SPACE PROPULSION UNITS AND PARTS	-	-	-	-	-	-	-	-	-
3769	SPACE VEHICLE EQUIPMENT, NEC	-	-	-	-	-	-	-	-	-
379	MISC. TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
3795	TANKS AND TANK COMPONENTS	-	-	-	-	-	-	-	-	-
3799	TRANSPORTATION EQUIPMENT, NEC	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	-	-	-	-	-	-	-	-	-
3811	ENGINEERING, SCIENTIFIC INSTRU.	-	-	-	-	-	-	-	-	-
382	MEASURING, CONTROLLING DEVICES	-	-	-	-	-	-	-	-	-
3822	ENVIRONMENTAL CONTROLS	-	-	-	-	-	-	-	-	-
3823	PROCESS CONTROL INSTRUMENTS	-	-	-	-	-	-	-	-	-
3824	FLUID METERS AND COUNTING DEVICES	-	-	-	-	-	-	-	-	-
3825	INSTRU. TO MEASURE ELECTRICITY	-	-	-	-	-	-	-	-	-
3829	MEASURING, CONTROLLING DEVICES, NEC	-	-	-	-	-	-	-	-	-
3832	OPTICAL INSTRUMENTS AND LENSES	-	-	-	-	-	-	-	-	-
384	MEDICAL INSTRUMENTS, SUPPLIES	-	-	-	-	-	-	-	-	-
3841	SURGICAL AND MEDICAL INSTRUMENTS	-	-	-	-	-	-	-	-	-
3842	SURGICAL APPLIANCES AND SUPPLIES	-	-	-	-	-	-	-	-	-
3843	DENTAL EQUIPMENT AND SUPPLIES	-	-	-	-	-	-	-	-	-
3851	OPHTHALMIC GOODS	-	-	-	-	-	-	-	-	-
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES	-	-	-	-	-	-	-	-	-
3873	WATCHES, CLOCKS, AND WATCHCASES	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	-	(D)	-	-	(D)	-	-	(D)
391	JEWELRY, SILVER AND PLATED WARE	(D)	-	(D)	-	-	-	-	-	-
3911	JEWELRY, PRECIOUS METAL	-	-	-	-	-	-	-	-	-
3914	SILVERWARE AND PLATED WARE	(D)	-	(D)	-	-	-	-	-	-
3915	JEWELERS' MATS., LAPIDARY WORK	-	-	-	-	-	-	-	-	-
3931	MUSICAL INSTRUMENTS	-	-	-	-	-	-	-	-	-
394	TOYS AND SPORTING GOODS	-	-	-	-	-	-	-	-	-
3944	GAMES, TOYS, CHILDREN'S VEHICLES	-	-	-	-	-	-	-	-	-
3949	SPORTING AND ATHLETIC GOODS, NEC	-	-	-	-	-	-	-	-	-
395	PENS, OFFICE AND ART GOODS	-	-	-	-	-	-	-	-	-
3951	PENS AND MECHANICAL PENCILS	-	-	-	-	-	-	-	-	-
3952	LEAD PENCILS AND ART GOODS	-	-	-	-	-	-	-	-	-
3955	CARBON PAPER AND INKED RIBBONS	-	-	-	-	-	-	-	-	-
396	COSTUME JEWELRY AND NOTIONS	-	-	-	-	-	-	-	-	-
3961	COSTUME JEWELRY	-	-	-	-	-	-	-	-	-
3963	BUTTONS	-	-	-	-	-	-	-	-	-
3964	NEEDLES, PINS, AND FASTENERS	-	-	-	-	-	-	-	-	-
399	MISCELLANEOUS MANUFACTURES	-	-	-	-	-	(D)	-	-	(D)
3991	BROOMS AND BRUSHES	-	-	-	-	-	-	-	-	-
3993	SIGNS AND ADVERTISING DISPLAYS	-	-	-	-	-	-	-	-	-
3995	BURIAL CASKETS	-	-	-	-	-	-	-	-	-
3996	HARD SURFACE FLOOR COVERINGS	-	-	-	-	-	-	-	-	-
3999	MANUFACTURING INDUSTRIES, NEC	-	-	-	-	-	(D)	-	-	(D)

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

Source: 1972 Census of Manufactures.

See footnote 4, table 1A.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973

SIC code	Geographic division, State, and major industry group	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
	UNITED STATES, TOTAL	7083.0	172760.3	389717.6	10668	43412.6	15024.3	12194.9	1634.9	8693.1	1514.6	348.7
	NEW ENGLAND DIVISION	473.9	9374.2	17139.2	766	1156.7	670.1	598.0	81.4	490.0	25.9	.5
	MAINE	34.8	594.3	1313.4	80	407.9	169.2	165.7	8.1	153.1	(D)	(D)
20	FOOD AND KINDRED PRODUCTS . . .	5.6	85.9	233.8	25	10.0	2.9	2.9	(D)	1.0	(D)	-
22	TEXTILE MILL PRODUCTS	5.1	56.4	118.4	12	3.5	3.2	3.2	.8	2.4	-	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	15.0	310.0	703.8	23	386.3	155.9	155.9	3.6	148.4	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS .	.3	9.0	18.6	3	4.0	3.8	.3	.3	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	1.6	26.0	48.2	3	1.5	1.0	1.0	.4	.6	-	-
31	LEATHER AND LEATHER PRODUCTS .	1.5	21.7	60.8	4	1.0	1.0	1.0	.4	.6	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
34	FABRICATED METAL PRODUCTS . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
	NEW HAMPSHIRE	21.2	376.0	666.7	55	68.4	26.0	(D)	(D)	(D)	(D)	-
20	FOOD AND KINDRED PRODUCTS . . .	.5	30.4	74.5	4	(D)	.9	.9	(D)	-	(D)	-
22	TEXTILE MILL PRODUCTS	2.3	33.4	56.5	8	.9	.9	.9	.3	.5	-	-
26	PAPER AND ALLIED PRODUCTS . . .	4.5	71.0	163.9	13	49.6	21.4	21.4	(D)	20.8	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
31	LEATHER AND LEATHER PRODUCTS .	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	1.3	19.1	29.0	5	.3	.2	.2	.1	.1	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
34	FABRICATED METAL PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	3.8	72.7	99.8	6	.3	.3	.3	.2	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	1.7	24.6	38.3	4	.4	.3	.3	.2	-	.1	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)	-	-
	VERMONT	15.2	252.1	617.9	37	11.9	6.5	6.5	1.7	4.4	.4	-
20	FOOD AND KINDRED PRODUCTS . . .	.4	4.7	47.0	6	.4	.3	.3	.2	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	1.6	44.9	82.5	9	9.0	4.1	4.1	.1	4.0	-	-
28	CHEMICALS AND ALLIED PRODUCTS .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
31	LEATHER AND LEATHER PRODUCTS .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL .	1.2	20.1	33.3	3	.1	.1	.1	.1	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	4.7	75.6	268.1	4	.7	.6	.6	(D)	-	(D)	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	-	-
39	MISC. MANUFACTURING INDUSTRIES .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
	MASSACHUSETTS	184.8	4158.0	7219.3	299	255.5	151.9	127.7	37.2	78.7	(D)	(D)
20	FOOD AND KINDRED PRODUCTS . . .	8.9	199.0	647.5	36	10.6	10.2	3.8	2.4	.9	.5	-
22	TEXTILE MILL PRODUCTS	9.0	131.2	285.7	27	5.1	5.0	(D)	(D)	(D)	(D)	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	(D)	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	12.3	231.4	481.2	51	112.0	68.9	(D)	(D)	(D)	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS .	7.7	298.9	523.3	19	22.1	13.3	10.2	7.5	(D)	(D)	-
29	PETROLEUM AND COAL PRODUCTS . .	(D)	(D)	(D)	4	(D)	(D)	(D)	(D)	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	11.7	251.8	429.3	27	14.4	8.9	(D)	(D)	(D)	(D)	-
31	LEATHER AND LEATHER PRODUCTS .	1.9	20.0	48.3	8	1.7	1.7	1.7	1.4	.1	.2	-
32	STONE, CLAY, GLASS PRODUCTS . .	4.3	99.8	151.1	7	2.6	2.0	1.3	.9	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES	3.9	71.1	163.6	14	2.0	1.8	1.8	.7	.9	.2	-
34	FABRICATED METAL PRODUCTS . . .	10.1	260.5	359.0	17	7.8	6.4	6.4	1.4	4.7	.3	-
35	MACHINERY, EXCEPT ELECTRICAL .	31.1	822.9	1170.0	26	27.0	17.1	(D)	(D)	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	40.2	721.8	1124.3	29	6.8	4.3	4.3	3.5	.5	.3	-
37	TRANSPORTATION EQUIPMENT . . .	17.8	396.4	823.1	7	26.7	3.1	2.2	2.2	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS .	17.1	499.9	780.1	15	13.8	6.8	6.8	1.5	4.8	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES .	7.9	134.1	190.3	10	2.0	1.7	1.7	1.0	-	.7	-
	RHODE ISLAND	32.2	538.2	958.6	65	21.4	14.4	(D)	(D)	(D)	(D)	-
20	FOOD AND KINDRED PRODUCTS . . .	2.0	56.9	97.0	4	1.3	1.0	1.0	.3	-	.7	-
22	TEXTILE MILL PRODUCTS	3.4	41.7	66.8	13	2.2	2.2	2.2	.7	1.3	.2	-
26	PAPER AND ALLIED PRODUCTS . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	-	-
28	CHEMICALS AND ALLIED PRODUCTS .	1.5	24.0	53.3	5	3.3	1.5	1.5	.7	.8	-	-
29	PETROLEUM AND COAL PRODUCTS . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	1.2	23.3	31.9	3	1.0	.8	(D)	(D)	-	(D)	-
33	PRIMARY METAL INDUSTRIES	5.6	102.4	236.5	11	5.5	4.4	4.4	.9	3.2	.2	-
34	FABRICATED METAL PRODUCTS . . .	1.3	14.3	21.8	6	.4	.3	.3	.3	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	4.5	69.9	109.9	4	.3	.3	.3	(D)	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	5.5	77.2	129.0	5	.8	.5	.5	.4	-	.1	-
38	INSTRUMENTS, RELATED PRODUCTS .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
39	MISC. MANUFACTURING INDUSTRIES .	4.7	90.7	143.9	9	1.0	.6	.6	.6	-	-	-
	CONNECTICUT	185.7	3455.6	6363.3	230	391.5	302.2	258.0	25.7	225.0	(D)	(D)
20	FOOD AND KINDRED PRODUCTS . . .	4.1	78.8	192.8	13	2.3	1.0	(D)	(D)	-	(D)	-
22	TEXTILE MILL PRODUCTS	6.4	107.4	203.5	18	3.4	3.3	3.3	.8	2.5	-	-
26	PAPER AND ALLIED PRODUCTS . . .	(D)	(D)	(D)	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS .	7.0	163.2	349.4	12	59.6	47.9	(D)	(D)	(D)	(D)	-
29	PETROLEUM AND COAL PRODUCTS . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	8.8	148.2	264.6	17	16.7	13.4	(D)	(D)	(D)	(D)	-
32	STONE, CLAY, GLASS PRODUCTS . .	3.0	56.4	103.8	6	1.3	1.1	(D)	(D)	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	UNITED STATES, TOTAL	1395.6	14.2	446.1	131.4	803.7	1433.8	(0)	(0)	7.5
	NEW ENGLAND DIVISION	7.9	-	2.4	2.7	2.8	64.2	-	-	64.2
	MAINE	(0)	-	-	(0)	-	(0)	-	-	(0)
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	(0)	-	-	(0)	-	(0)	-	-	(0)
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
	NEW HAMPSHIRE	(0)	-	(0)	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(0)	-	(0)	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	-	-	-	-	-	-	-	-	-
	VERMONT	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-	-	-
	MASSACHUSETTS	4.1	-	1.2	-	2.8	20.0	-	-	20.0
20	FOOD AND KINDRED PRODUCTS	(0)	-	-	-	(0)	(0)	-	-	(0)
22	TEXTILE MILL PRODUCTS	(0)	-	(0)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	(0)	-	(0)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	(0)	-	-	-	(0)	(0)	-	-	(0)
29	PETROLEUM AND COAL PRODUCTS	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(0)	-	(0)	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	(0)	-	(0)	-	-	(0)	-	-	(0)
33	PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	(0)	-	-	(0)
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	.9	-	-	.9
38	INSTRUMENTS, RELATED PRODUCTS	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-	-	-
	RHODE ISLAND	(0)	-	(0)	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	(0)	-	(0)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-	-	-
	CONNECTICUT	(0)	-	(0)	(0)	-	(0)	-	-	(0)
20	FOOD AND KINDRED PRODUCTS	(0)	-	-	(0)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	(0)	-	-	(0)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	(0)	-	(0)	-	-	(0)	-	-	(0)
29	PETROLEUM AND COAL PRODUCTS	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(0)	-	(0)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	(0)	-	(0)	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	'Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
	NEW ENGLAND DIVISION--CON.											
	CONNECTICUT--CONTINUED											
33	PRIMARY METAL INDUSTRIES . . .	13.3	285.6	807.4	32	(D)	15.5	14.5	4.1	9.6	0.8	-
34	FABRICATED METAL PRODUCTS . . .	25.2	465.0	772.3	38	13.6	7.4	7.4	3.4	(D)	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	21.8	403.4	569.4	21	8.3	3.9	3.9	3.7	-	.2	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	18.8	393.0	596.8	24	2.3	1.9	1.9	(D)	-	(D)	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	15	68.0	(D)	(D)	(D)	(D)	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	7.2	159.5	260.1	9	1.8	.6	.6	.4	.1	.1	-
39	MISC. MANUFACTURING INDUSTRIES . . .	5.9	95.9	176.3	14	3.9	2.4	2.4	(D)	1.6	(D)	-
	MIDDLE ATLANTIC DIVISION	1220.9	30769.9	62544.4	1679	5186.1	2355.5	2054.3	218.1	1452.1	132.6	250.7
	NEW YORK . . .	433.2	12155.1	22436.4	519	975.2	513.8	466.1	85.0	335.8	30.4	14.7
20	FOOD AND KINDRED PRODUCTS . . .	33.0	981.4	2454.9	110	34.3	24.7	13.0	8.1	1.2	3.6	-
21	TOBACCO PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)	-	-
22	TEXTILE MILL PRODUCTS . . .	7.6	122.6	227.4	26	4.8	4.0	4.0	2.3	1.4	.3	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
25	FURNITURE AND FIXTURES . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	13.3	255.6	566.5	51	164.4	64.8	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . .	30.3	1302.5	1968.9	63	182.2	126.4	94.7	17.5	70.6	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . .	.7	48.6	192.9	5	28.6	20.4	20.4	(D)	19.9	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	6.9	131.7	244.1	17	10.1	5.1	5.1	2.1	2.2	.8	-
31	LEATHER AND LEATHER PRODUCTS . . .	.4	6.4	13.6	3	.2	.2	.2	(D)	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS . . .	16.1	361.2	582.6	36	14.5	10.1	9.5	2.7	4.4	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . .	40.9	782.4	2253.8	53	288.9	172.4	169.8	27.1	139.3	(D)	(D)
34	FABRICATED METAL PRODUCTS . . .	18.4	393.9	663.7	27	19.2	3.4	(D)	(D)	(D)	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	59.7	1674.8	3518.8	28	60.6	34.0	33.9	(D)	16.3	.3	(D)
36	ELECTRIC, ELECTRONIC EQUIP . . .	86.1	1754.4	3290.2	55	31.1	15.9	15.9	9.1	3.3	3.5	-
37	TRANSPORTATION EQUIPMENT . . .	51.0	1295.0	2544.0	16	45.4	13.4	(D)	(D)	(D)	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	64.1	2973.4	3787.1	20	88.3	17.4	17.4	2.4	13.1	1.6	-
39	MISC. MANUFACTURING INDUSTRIES . . .	3.9	56.0	103.7	5	1.3	1.1	(D)	(D)	-	-	-
	NEW JERSEY . . .	242.4	7026.2	14882.6	433	846.5	407.0	190.4	48.8	47.3	45.1	49.2
20	FOOD AND KINDRED PRODUCTS . . .	22.0	808.1	1917.4	62	57.2	17.6	14.8	8.8	.2	4.6	1.1
22	TEXTILE MILL PRODUCTS . . .	3.9	68.7	134.7	25	4.2	4.1	4.1	2.2	1.6	.3	-
25	FURNITURE AND FIXTURES . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	7.7	154.3	314.8	30	51.0	17.1	17.1	2.2	8.9	6.0	33.7
28	CHEMICALS AND ALLIED PRODUCTS . . .	58.9	2521.3	4189.8	133	342.7	202.2	99.1	17.2	26.1	22.1	(D)
29	PETROLEUM AND COAL PRODUCTS . . .	4.9	251.8	1395.9	10	271.5	108.2	21.2	2.9	(D)	4.0	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	5.4	94.1	170.1	25	6.5	3.4	(D)	(D)	(D)	(D)	-
31	LEATHER AND LEATHER PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS . . .	19.8	381.9	583.5	28	23.4	12.9	(D)	(D)	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES . . .	15.9	290.3	1145.4	31	45.3	25.2	9.6	4.8	3.6	1.2	-
34	FABRICATED METAL PRODUCTS . . .	10.8	251.7	445.3	18	3.9	1.8	1.8	1.5	-	.3	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	12.2	206.9	383.7	10	6.4	4.1	4.1	.9	2.0	(D)	(D)
36	ELECTRIC, ELECTRONIC EQUIP . . .	51.0	889.3	1392.6	40	11.6	6.5	5.1	3.3	-	(D)	(D)
37	TRANSPORTATION EQUIPMENT . . .	17.3	780.5	2312.5	8	18.7	2.0	1.9	(D)	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	8.2	255.3	380.2	7	3.2	1.3	1.3	(D)	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES . . .	2.6	47.4	75.1	3	.6	.4	(D)	(D)	-	(D)	-
	PENNSYLVANIA . . .	545.3	11588.6	25225.5	727	3364.3	1434.2	1397.9	84.4	1069.0	57.0	186.8
20	FOOD AND KINDRED PRODUCTS . . .	37.8	934.8	2549.8	111	41.6	26.0	(D)	(D)	(D)	(D)	(D)
21	TOBACCO PRODUCTS . . .	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
22	TEXTILE MILL PRODUCTS . . .	15.6	187.8	441.2	37	4.6	4.0	4.0	3.3	-	.6	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES . . .	2.3	41.2	66.0	5	.3	.2	.2	.2	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	18.0	424.1	952.4	47	285.3	60.5	60.5	(D)	40.8	7.5	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . .	29.6	1284.0	2056.1	75	267.4	122.6	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . .	9.8	53.4	1409.2	19	471.6	116.3	116.3	3.5	45.9	4.8	62.1
30	RUBBER, MISC. PLASTICS PROD. . .	16.8	391.8	711.1	34	(D)	7.2	7.2	1.6	4.2	1.4	-
31	LEATHER AND LEATHER PRODUCTS . . .	1.2	12.7	27.5	5	.5	.5	.5	.2	.1	.2	-
32	STONE, CLAY, GLASS PRODUCTS . . .	26.8	587.8	911.7	73	(D)	16.9	16.5	4.4	7.4	4.7	(D)
33	PRIMARY METAL INDUSTRIES . . .	161.8	3190.2	8040.8	117	1499.3	1043.9	1038.6	30.8	890.6	(D)	(D)
34	FABRICATED METAL PRODUCTS . . .	35.2	597.4	1240.1	61	21.7	6.7	6.6	4.8	.2	1.7	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	53.3	1103.6	1877.1	37	27.7	11.1	11.1	3.6	.1	.5	(D)
36	ELECTRIC, ELECTRONIC EQUIP . . .	61.6	1276.2	2026.6	58	(D)	8.1	8.1	7.5	.1	.5	-
37	TRANSPORTATION EQUIPMENT . . .	47.4	991.0	1968.5	22	23.1	6.2	(D)	(D)	(D)	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	17.1	314.8	457.8	13	1.8	1.5	1.5	1.4	-	.1	-
39	MISC. MANUFACTURING INDUSTRIES . . .	8.3	259.7	411.9	9	10.0	2.4	2.4	1.2	.3	.9	-
	EAST NORTH CENTRAL DIVISION	2245.3	56085.2	125483.1	2785	8762.6	3875.2	3850.5	426.8	3120.6	292.3	10.5
	OHIO . . .	611.6	15286.9	32265.2	770	2674.5	1019.6	1017.6	137.5	776.0	100.8	3.3
20	FOOD AND KINDRED PRODUCTS . . .	30.4	869.4	2356.6	109	44.7	12.3	12.3	7.7	(D)	(D)	-
22	TEXTILE MILL PRODUCTS . . .	5.2	96.5	190.1	8	3.0	2.2	(D)	(D)	(D)	(D)	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
25	FURNITURE AND FIXTURES . . .	3.1	58.0	97.1	3	.5	.5	(D)	(D)	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	12.3	254.9	539.7	41	169.1	51.9	51.9	(D)	20.5	28.7	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . .	27.9	1356.1	2372.0	96	565.1	127.2	126.6	36.4	75.3	14.9	-
29	PETROLEUM AND COAL PRODUCTS . . .	3.8	246.4	1150.6	15	204.1	42.2	42.2	4.0	34.8	3.3	-
30	RUBBER, MISC. PLASTICS PROD. . .	55.4	1314.5	2358.9	69	46.7	22.4	(D)	(D)	(D)	(D)	-
31	LEATHER AND LEATHER PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	30.1	713.5	1111.5	58	60.4	22.4	22.0	7.1	12.1	2.8	(D)
33	PRIMARY METAL INDUSTRIES . . .	114.0	2720.4	6138.0	105	1312.3	683.7	(D)	(D)	(D)	(D)	-
34	FABRICATED METAL PRODUCTS . . .	56.8	1326.4	2538.5	97	39.1	11.1	11.1	8.2	.1	2.9	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	82.9	1694.7	3110.2	60	37.7	16.4	16.2	6.9	.3	9.1	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	59.4	1451.7	2522.3	46	30.0	7.0	7.0	5.6	.9	.4	-
37	TRANSPORTATION EQUIPMENT . . .	120.9	3032.6	7524.2	50	160.5	19.5	19.5	13.5	1.3	4.7	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	4.5	67.6	101.1	4	.5	.2	(D)	(D)	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES . . .	3.0	54.2	88.8	5	.6	.4	.4	.4	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	NEW ENGLAND DIVISION--CONTINUED									
	CONNECTICUT--CONTINUED									
33	PRIMARY METAL INDUSTRIES . . .	(D)	-	(D)	-	-	(D)	-	-	(D)
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	(D)	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . .	-	-	-	-	-	-	-	-	-
	MIDDLE ATLANTIC DIVISION	136.8	-	71.0	2.0	63.7	164.4	-	(D)	(D)
	NEW YORK	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
20	FOOD AND KINDRED PRODUCTS . . .	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
21	TOBACCO PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	(D)	-	-	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	-	(D)	-	(D)	(D)	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	(D)	-	(D)	(D)	-	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES	2.6	-	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	(D)	-	(D)	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	(D)	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . .	(D)	-	(D)	-	-	-	-	-	-
	NEW JERSEY	61.6	-	.2	.6	60.9	155.0	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS . . . .	.3	-	(D)	(D)	-	2.5	-	-	2.5
21	TOBACCO PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	60.2	-	-	.2	60.1	42.9	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS . . .	-	-	-	-	-	87.0	-	-	87.0
30	RUBBER, MISC. PLASTICS PROD. . . .	(D)	-	(D)	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	-	-	-	-	-	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . . . .	.7	-	-	(D)	(D)	14.9	-	-	14.5
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	(D)	-	-	(D)	(D)	(D)	-	-	(D)
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . .	-	-	-	-	-	(D)	-	-	(D)
	PENNSYLVANIA	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
20	FOOD AND KINDRED PRODUCTS	(D)	-	-	(D)	-	-	-	-	-
21	TOBACCO PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	-	(D)	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	.5	-	(D)	-	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	-	(D)	(D)	-	(D)	-	-	(D)
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	-	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . .	-	-	-	-	-	-	-	-	-
	EAST NORTH CENTRAL DIVISION	21.9	8.8	10.7	2.3	-	2.8	(D)	-	(D)
	OHIO	1.8	.7	.4	.8	-	.1	(D)	-	(D)
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	(D)	-	-	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	-	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	(D)	-	(D)	-	(D)	(D)	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . .	(D)	-	-	(D)	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	(D)	(D)	-	-	-	(D)	-	(D)	-
33	PRIMARY METAL INDUSTRIES	(D)	-	(D)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	.2	-	-	.2	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIPMENT . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . .	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	EAST NORTH CENTRAL DIV.--CON.											
	INDIANA	366.6	8674.0	17836.6	389	2067.2	1221.9	1221.3	39.4	1138.0	(0)	(0)
20	FOOD AND KINDRED PRODUCTS.	17.8	548.8	1503.3	65	43.6	23.7	23.7	4.6	11.3	7.8	-
24	LUMBER AND WOOD PRODUCTS. . . . .	.4	5.7	12.8	3	.4	.1	.1	.1	-	-	-
25	FURNITURE AND FIXTURES.	3.7	49.6	86.1	6	(0)	.3	.3	.2	-	.2	-
26	PAPER AND ALLIED PRODUCTS.	3.4	73.2	143.0	15	14.3	4.4	(0)	(0)	(0)	(0)	-
28	CHEMICALS AND ALLIED PRODUCTS.	18.9	1081.6	1423.8	23	177.8	72.8	72.8	(0)	59.4	8.8	(0)
29	PETROLEUM AND COAL PRODUCTS.	(0)	(0)	(0)	9	218.2	(0)	(0)	(0)	(0)	(0)	(0)
30	RUBBER, MISC. PLASTICS PROD.	(0)	(0)	(0)	28	21.6	(0)	(0)	(0)	(0)	(0)	-
32	STONE, CLAY, GLASS PRODUCTS.	10.1	220.6	346.0	26	20.0	10.8	10.8	.7	(0)	2.3	(0)
33	PRIMARY METAL INDUSTRIES.	87.9	1845.6	4548.7	51	1469.9	1016.7	(0)	(0)	(0)	(0)	-
34	FABRICATED METAL PRODUCTS.	22.3	429.8	918.6	48	14.8	4.5	4.5	2.7	-	1.7	-
35	MACHINERY, EXCEPT ELECTRICAL	33.1	686.9	1164.8	34	12.8	4.8	4.8	2.4	-	2.4	-
36	ELECTRIC, ELECTRONIC EQUIP.	91.1	1962.6	3410.7	41	47.2	10.4	10.4	8.6	-	1.8	-
37	TRANSPORTATION EQUIPMENT.	54.3	1196.9	2578.0	33	20.1	7.5	7.5	6.1	-	1.4	-
38	INSTRUMENTS, RELATED PRODUCTS.	2.6	65.0	98.2	5	(0)	1.0	1.0	.3	-	.7	-
39	MISC. MANUFACTURING INDUSTRIES.	(0)	(0)	(0)	2	(0)	(0)	(0)	(0)	-	-	-
	ILLINOIS.	527.3	12947.3	28941.9	709	1645.1	504.6	490.9	86.2	308.2	(0)	(0)
20	FOOD AND KINDRED PRODUCTS.	59.8	1934.4	5783.7	166	157.7	52.8	(0)	(0)	(0)	(0)	(0)
22	TEXTILE MILL PRODUCTS.	1.6	24.1	72.8	4	.7	.6	.6	(0)	-	(0)	-
24	LUMBER AND WOOD PRODUCTS.	(0)	(0)	(0)	1	(0)	(0)	(0)	(0)	-	-	-
25	FURNITURE AND FIXTURES.	5.1	91.1	193.5	8	1.2	1.0	1.0	.7	-	.3	-
26	PAPER AND ALLIED PRODUCTS.	10.6	229.5	441.2	33	52.7	15.0	15.0	4.5	4.9	5.7	-
28	CHEMICALS AND ALLIED PRODUCTS.	32.6	1451.9	2546.5	95	257.2	69.8	(0)	(0)	(0)	(0)	-
29	PETROLEUM AND COAL PRODUCTS.	8.6	346.9	1827.6	20	457.0	36.4	36.4	2.4	24.9	9.1	-
30	RUBBER, MISC. PLASTICS PROD.	9.3	234.0	398.5	15	8.7	3.9	3.9	1.2	.6	2.1	-
31	LEATHER AND LEATHER PRODUCTS.	2.0	21.7	44.4	4	.3	.3	.3	.3	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	18.3	407.2	649.2	27	20.9	12.9	(0)	(0)	(0)	(0)	-
33	PRIMARY METAL INDUSTRIES.	70.7	1448.1	3536.0	72	555.8	270.6	268.0	12.2	214.6	41.2	-
34	FABRICATED METAL PRODUCTS.	54.8	1080.7	2040.3	103	24.4	10.9	10.9	7.6	.7	2.7	-
35	MACHINERY, EXCEPT ELECTRICAL	99.8	2353.6	4477.9	71	57.2	17.8	17.8	5.6	10.1	2.1	-
36	ELECTRIC, ELECTRONIC EQUIP.	100.2	2019.8	3950.3	54	36.2	7.9	(0)	(0)	-	(0)	-
37	TRANSPORTATION EQUIPMENT.	29.8	917.6	2356.8	19	12.4	2.9	2.9	2.6	-	.2	-
38	INSTRUMENTS, RELATED PRODUCTS.	20.1	336.9	526.8	13	2.2	1.3	1.3	1.0	(0)	(0)	-
39	MISC. MANUFACTURING INDUSTRIES.	(0)	(0)	(0)	4	(0)	(0)	(0)	(0)	-	-	-
	MICHIGAN.	519.4	14288.7	35174.5	514	1764.4	868.9	863.8	113.5	711.3	38.1	0.8
20	FOOD AND KINDRED PRODUCTS.	23.3	772.1	1818.8	94	23.1	(0)	(0)	(0)	(0)	(0)	-
22	TEXTILE MILL PRODUCTS.	(0)	(0)	(0)	1	(0)	(0)	(0)	(0)	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(0)	(0)	(0)	4	(0)	(0)	(0)	(0)	(0)	(0)	-
25	FURNITURE AND FIXTURES.	5.7	146.5	225.8	4	1.7	.5	.5	.2	-	.3	-
26	PAPER AND ALLIED PRODUCTS.	12.4	246.5	617.0	41	251.7	87.9	(0)	(0)	(0)	(0)	(0)
28	CHEMICALS AND ALLIED PRODUCTS.	25.7	971.3	1601.8	46	233.9	151.2	(0)	(0)	(0)	(0)	(0)
29	PETROLEUM AND COAL PRODUCTS.	(0)	(0)	(0)	4	(0)	(0)	(0)	(0)	(0)	(0)	-
30	RUBBER, MISC. PLASTICS PROD.	10.3	218.6	399.4	19	8.3	7.2	7.2	2.8	3.8	.6	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	.9	18.5	35.0	3	.6	.6	.6	.1	.5	.9	-
32	STONE, CLAY, GLASS PRODUCTS.	7.9	255.0	408.5	22	34.5	30.3	27.4	1.8	24.6	.9	-
33	PRIMARY METAL INDUSTRIES.	63.9	1501.3	3417.3	75	569.4	451.7	451.7	18.6	430.4	2.8	-
34	FABRICATED METAL PRODUCTS.	54.3	1308.3	2473.9	77	42.1	11.7	11.5	10.1	.3	1.1	-
35	MACHINERY, EXCEPT ELECTRICAL	41.6	1017.4	2245.7	39	23.5	8.9	8.9	5.7	1.4	1.8	-
36	ELECTRIC, ELECTRONIC EQUIP.	18.8	459.2	912.1	15	9.7	4.7	(0)	(0)	-	(0)	-
37	TRANSPORTATION EQUIPMENT.	246.3	7198.9	20562.0	68	479.6	60.8	(0)	(0)	(0)	(0)	-
38	INSTRUMENTS, RELATED PRODUCTS.	(0)	(0)	(0)	1	(0)	(0)	(0)	(0)	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	(0)	(0)	(0)	1	(0)	(0)	(0)	(0)	-	-	-
	WISCONSIN.	220.4	4888.3	11264.9	403	611.5	260.3	256.8	50.3	187.1	19.4	-
20	FOOD AND KINDRED PRODUCTS.	27.2	695.6	2260.9	134	60.8	32.3	(0)	(0)	(0)	(0)	-
22	TEXTILE MILL PRODUCTS.	(0)	(0)	(0)	3	(0)	(0)	(0)	(0)	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(0)	(0)	(0)	5	(0)	(0)	(0)	(0)	-	-	-
25	FURNITURE AND FIXTURES.	1.3	28.4	50.5	3	.2	.2	.2	.2	-	-	-
26	PAPER AND ALLIED PRODUCTS.	25.7	601.8	1356.1	53	417.3	178.0	(0)	(0)	(0)	(0)	-
28	CHEMICALS AND ALLIED PRODUCTS.	6.3	273.1	418.5	15	14.6	11.2	11.2	2.0	9.2	-	-
29	PETROLEUM AND COAL PRODUCTS.	(0)	(0)	(0)	1	(0)	(0)	(0)	(0)	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	5.4	115.9	199.8	18	5.5	2.9	2.9	2.4	-	.5	-
31	LEATHER AND LEATHER PRODUCTS.	2.6	48.8	122.2	10	2.0	1.7	(0)	(0)	(0)	-	-
32	STONE, CLAY, GLASS PRODUCTS.	1.8	41.8	73.8	8	6.8	3.5	(0)	(0)	(0)	(0)	-
33	PRIMARY METAL INDUSTRIES.	13.4	232.3	445.2	29	16.2	7.1	(0)	(0)	(0)	(0)	-
34	FABRICATED METAL PRODUCTS.	28.7	561.7	1061.6	46	9.6	5.3	5.3	4.2	.1	1.0	-
35	MACHINERY, EXCEPT ELECTRICAL	46.0	976.6	1841.8	36	10.9	7.0	7.0	4.8	.1	2.0	-
36	ELECTRIC, ELECTRONIC EQUIP.	24.5	433.8	719.9	22	15.0	4.0	4.0	3.9	-	.2	-
37	TRANSPORTATION EQUIPMENT.	27.3	689.3	2347.5	11	38.8	4.6	4.6	4.5	.1	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	3.0	58.4	90.1	4	1.2	.3	.3	.3	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	4.4	84.1	150.1	5	2.3	1.1	1.1	.8	-	.3	-
	WEST NORTH CENTRAL DIVISION	460.1	11911.8	33808.1	777	1634.7	385.6	374.8	83.5	168.4	122.7	-
	MINNESOTA.	103.1	2521.2	6466.9	203	246.7	90.2	89.4	12.2	44.9	32.3	-
20	FOOD AND KINDRED PRODUCTS.	26.0	540.7	2764.8	111	44.6	25.4	(0)	(0)	(0)	(0)	-
22	TEXTILE MILL PRODUCTS.	(0)	(0)	(0)	2	(0)	(0)	(0)	(0)	-	(0)	-
24	LUMBER AND WOOD PRODUCTS.	(0)	(0)	(0)	2	(0)	(0)	(0)	-	(0)	(0)	-
26	PAPER AND ALLIED PRODUCTS.	11.9	393.4	667.0	10	87.1	43.6	43.6	3.5	36.8	3.4	-
28	CHEMICALS AND ALLIED PRODUCTS.	2.5	163.4	257.2	8	8.2	2.6	(0)	(0)	-	(0)	-
29	PETROLEUM AND COAL PRODUCTS.	1.1	52.4	275.6	3	70.9	2.8	2.8	-	-	2.8	-
30	RUBBER, MISC. PLASTICS PROD. . . . .	.8	13.1	21.6	5	.2	.1	.1	.1	-	-	-
31	LEATHER AND LEATHER PRODUCTS.	(0)	(0)	(0)	2	(0)	(0)	(0)	-	-	(0)	-
32	STONE, CLAY, GLASS PRODUCTS. . . . .	.8	20.1	32.4	5	.6	.5	.5	(0)	-	(0)	-
33	PRIMARY METAL INDUSTRIES.	3.8	77.9	135.4	12	15.3	1.3	1.3	.1	-	1.1	-
34	FABRICATED METAL PRODUCTS.	17.0	293.1	526.6	16	8.5	8.2	8.2	.8	5.3	2.0	-
35	MACHINERY, EXCEPT ELECTRICAL	(0)	(0)	(0)	13	4.5	(0)	(0)	(0)	-	(0)	-
36	ELECTRIC, ELECTRONIC EQUIP.	5.7	139.2	271.3	7	1.2	1.2	1.2	(0)	-	(0)	-
37	TRANSPORTATION EQUIPMENT.	(0)	(0)	(0)	1	(0)	(0)	(0)	(0)	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	(0)	(0)	(0)	3	(0)	(0)	(0)	-	-	(0)	-
39	MISC. MANUFACTURING INDUSTRIES.	(0)	(0)	(0)	3	(0)	(0)	(0)	(0)	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	EAST NORTH CENTRAL DIV.--CON.									
	INDIANA	0.5	-	0.5	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	(D)	-	(D)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	-	(D)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES .	-	-	-	-	-	-	-	-	-
	ILLINOIS	13.7	(D)	5.2	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	(D)	(D)	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	-	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	(D)	-	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	2.6	(D)	(D)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	(D)	(D)	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES .	-	-	-	-	-	-	-	-	-
	MICHIGAN	2.3	(D)	1.5	(D)	-	2.7	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS . . .	(D)	-	(D)	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	(D)	-	(D)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	(D)	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	(D)	-	-	(D)	(D)	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	.2	(D)	(D)	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	(D)	-	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	-	-	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES .	-	-	-	-	-	-	-	-	-
	WISCONSIN	3.4	-	3.0	0.5	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	(D)	-	-	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	(D)	-	-	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	-	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	(D)	-	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	-	(D)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES .	-	-	-	-	-	-	-	-	-
	WEST NORTH CENTRAL DIVISION	10.8	-	6.3	4.5	-	-	-	-	-
	MINNESOTA . . . . .	.8	-	(D)	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	(D)	-	(D)	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	(D)	-	(D)	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES .	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Establishments reporting water intake				Gross water used, including recirculated (billion gallons)	Water intake, by kind					
		Number of employ-ees ¹ (1,000)	Value added by manu-facture ¹ (million dollars)	Value of shipments ¹ (million dollars)	Total (number)		Total (billion gallons)	Fresh water, by source				
								Total (billion gallons)	Public water system (billion gallons)	Company systems		
WEST NORTH CENTRAL DIV.--CON.												
	IOWA	105.9	2748.8	7970.7	166	237.9	136.6	134.7	22.0	71.5	41.1	-
20	FOOD AND KINDRED PRODUCTS. . .	34.1	737.3	4369.2	85	84.7	56.6	(D)	(D)	(D)	(D)	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	.4	8.6	17.7	3	3.8	1.1	1.1	.1	.1	1.0	-
28	CHEMICALS AND ALLIED PRODUCTS. .	2.7	321.4	526.3	15	81.3	31.3	31.3	.2	23.0	8.1	-
30	RUBBER, MISC. PLASTICS PROD. . .	7.7	207.0	359.8	7	11.3	7.1	(D)	(D)	(D)	(D)	-
31	LEATHER AND LEATHER PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	1.3	40.7	69.6	8	2.0	1.9	1.8	.1	1.2	.4	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	(D)	6	(D)	(D)	(D)	(D)	(D)	(D)	-
34	FABRICATED METAL PRODUCTS. . .	8.3	134.6	218.3	11	2.8	1.9	1.9	1.0	.6	.3	-
35	MACHINERY, EXCEPT ELECTRICAL. .	(D)	(D)	(D)	16	27.2	(D)	(D)	(D)	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	13.6	309.0	567.4	8	4.3	1.1	1.1	.8	-	.3	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
MISSOURI												
20	FOOD AND KINDRED PRODUCTS. . .	158.5	4138.6	10492.7	210	714.9	89.9	(D)	(D)	(D)	(D)	-
24	LUMBER AND WOOD PRODUCTS. . .	21.7	575.5	2119.3	72	73.2	19.8	19.8	9.3	3.8	6.7	-
25	FURNITURE AND FIXTURES. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	3.4	57.5	134.4	8	5.5	.6	.6	.4	-	.2	-
29	PETROLEUM AND COAL PRODUCTS. . .	13.3	428.9	762.9	34	110.3	29.8	29.8	5.2	19.7	5.0	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)	-	-
31	LEATHER AND LEATHER PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	4.6	110.8	172.7	17	8.0	5.4	(D)	(D)	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES. . .	9.0	233.3	496.4	16	(D)	17.3	17.3	2.7	13.1	1.5	-
34	FABRICATED METAL PRODUCTS. . .	14.5	232.1	414.6	14	11.4	3.6	3.6	(D)	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL. .	13.3	235.8	417.8	13	(D)	1.4	1.4	(D)	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	17.3	310.0	725.2	16	(D)	1.6	1.6	(D)	-	(D)	-
37	TRANSPORTATION EQUIPMENT. . .	58.0	1867.7	4994.9	11	95.2	4.6	4.6	4.5	.2	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
NORTH DAKOTA												
20	FOOD AND KINDRED PRODUCTS. . .	2.1	74.2	252.8	9	19.9	2.2	2.2	(D)	1.3	(D)	-
29	PETROLEUM AND COAL PRODUCTS. . .	1.1	24.5	116.6	6	3.6	1.3	(D)	(D)	(D)	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
SOUTH DAKOTA												
20	FOOD AND KINDRED PRODUCTS. . .	4.5	76.6	421.5	10	4.3	1.9	1.9	1.2	.3	.4	-
		4.5	76.6	421.5	10	4.3	1.9	1.9	1.2	.3	.4	-
NEBRASKA												
20	FOOD AND KINDRED PRODUCTS. . .	32.7	786.5	3375.7	78	96.3	26.6	(D)	(D)	(D)	(D)	-
22	TEXTILE MILL PRODUCTS. . .	13.9	334.2	2551.1	44	22.7	12.2	(D)	(D)	-	(D)	-
25	FURNITURE AND FIXTURES. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	1.4	50.1	74.8	8	64.2	9.6	9.6	1.0	-	8.6	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	2.2	47.6	68.6	4	1.0	1.0	1.0	1.0	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	.6	18.7	26.1	3	.6	.5	.5	-	(D)	(D)	-
34	FABRICATED METAL PRODUCTS. . .	1.7	80.3	248.4	3	1.5	.3	.3	.3	-	.3	-
35	MACHINERY, EXCEPT ELECTRICAL. .	2.3	31.7	51.7	4	.3	.3	.3	.1	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	6.6	107.7	178.3	3	2.1	.3	.3	(D)	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS. .	1.6	45.8	67.7	3	.4	.4	(D)	-	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
KANSAS												
20	FOOD AND KINDRED PRODUCTS. . .	53.2	1565.9	4827.7	101	314.8	38.2	33.8	11.0	6.6	16.3	-
26	PAPER AND ALLIED PRODUCTS. . .	9.0	207.2	1551.5	37	12.6	7.6	(D)	(D)	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)	(D)	-
29	PETROLEUM AND COAL PRODUCTS. . .	3.3	220.8	361.3	16	82.1	12.4	(D)	(D)	(D)	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	2.8	148.7	757.5	11	169.4	7.9	7.9	3.4	1.2	3.2	-
32	STONE, CLAY, GLASS PRODUCTS. . .	3.9	134.5	238.4	4	3.6	1.8	1.8	.3	.3	1.2	-
33	PRIMARY METAL INDUSTRIES. . .	2.8	91.0	137.6	9	18.1	3.1	2.2	.4	1.2	.6	-
34	FABRICATED METAL PRODUCTS. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	1.7	39.9	148.8	6	.8	.8	.8	.6	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	5.3	116.3	212.6	5	1.6	.8	.8	(D)	-	(D)	-
37	TRANSPORTATION EQUIPMENT. . .	.9	27.5	51.2	3	.6	.2	.2	.2	-	-	-
		23.1	575.0	1343.6	7	(D)	1.9	1.9	1.4	-	.5	-
SOUTH ATLANTIC DIVISION												
	DELAWARE	1014.5	21448.8	48350.9	1587	6153.6	2287.5	1717.7	187.9	1143.6	338.5	47.2
20	FOOD AND KINDRED PRODUCTS. . .	29.3	981.5	2755.8	47	318.6	184.6	51.1	5.8	3.7	6.9	34.7
26	PAPER AND ALLIED PRODUCTS. . .	5.3	163.0	362.1	14	8.1	3.0	3.0	.3	-	2.7	-
28	CHEMICALS AND ALLIED PRODUCTS. .	.2	3.8	8.3	3	1.2	.9	.9	-	.8	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	7.2	278.6	499.6	15	115.6	43.4	40.2	3.8	-	1.8	34.7
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)	(D)	-
31	LEATHER AND LEATHER PRODUCTS. .	(D)	(D)	(D)	5	3.5	2.6	2.6	(D)	1.8	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	9.6	309.0	1352.9	3	28.4	1.3	1.3	1.0	(D)	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
MARYLAND												
20	FOOD AND KINDRED PRODUCTS. . .	99.6	2332.2	5192.1	137	555.7	372.3	107.8	20.2	81.2	6.4	-
22	TEXTILE MILL PRODUCTS. . .	10.3	272.0	710.6	48	16.4	13.2	(D)	(D)	(D)	(D)	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	3	35.4	(D)	(D)	(D)	(D)	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	8.4	290.3	553.1	24	65.5	30.5	12.2	5.2	5.9	1.2	-
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	WEST NORTH CENTRAL DIV.--CON.									
	IOWA	2.0	-	(D)	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	(D)	-	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	-	(D)	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	.2	-	0.1	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . .	-	-	-	-	-	-	-	-	-
	MISSOURI	(D)	-	(D)	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	(D)	-	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
	NORTH DAKOTA	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
	SOUTH DAKOTA	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
	NEBRASKA	(D)	-	(D)	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	(D)	-	(D)	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . .	-	-	-	-	-	-	-	-	-
	KANSAS	4.3	-	1.0	3.3	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	(D)	-	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	-	-	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	.9	-	(D)	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
	SOUTH ATLANTIC DIVISION	478.5	(D)	(D)	32.7	414.7	91.2	-	-	91.2
	DELAWARE	(D)	-	(D)	-	(D)	(D)	-	-	(D)
20	FOOD AND KINDRED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	-	-	-	(D)	(D)	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . .	(D)	-	(D)	-	(D)	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	-	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
	MARYLAND	256.3	(D)	(D)	-	255.9	8.2	-	-	8.2
20	FOOD AND KINDRED PRODUCTS . . .	-	-	-	-	-	(D)	-	-	(D)
22	TEXTILE MILL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	(D)	-	-	(D)	(D)	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . .	(D)	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Establishments reporting water intake				Gross water used, including recirculated	Water intake, by kind					
		Number of employees ¹	Value added by manufacture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
	SOUTH ATLANTIC DIVISION--CON.											
	MARYLAND--CONTINUED											
30	RUBBER, MISC. PLASTICS PROD. . .	3.5	65.2	139.5	5	1.2	1.0	1.0	0.4	(D)	(D)	
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)	-	
32	STONE, CLAY, GLASS PRODUCTS . .	4.6	93.7	159.1	12	3.6	2.2	2.2	1.3	0.9	-	
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	13	(D)	(D)	(D)	(D)	(D)	(D)	
34	FABRICATED METAL PRODUCTS . . .	2.9	65.4	151.1	7	.7	.5	.5	.5	-	-	
35	MACHINERY, EXCEPT ELECTRICAL . .	8.6	209.0	356.6	5	1.5	.5	.5	.5	-	-	
36	ELECTRIC, ELECTRONIC EQUIP. . .	16.1	312.0	560.7	8	7.8	1.0	1.0	1.0	-	-	
37	TRANSPORTATION EQUIPMENT . . .	12.7	355.1	1116.3	6	23.8	2.9	1.3	.9	(D)	(D)	
	DIST. OF COL. . . . .	.8	27.3	62.2	4	.8	.2	.2	.2	-	-
20	FOOD AND KINDRED PRODUCTS . . .	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	
	VIRGINIA	159.6	3209.5	6732.3	177	862.7	306.5	262.7	(D)	186.1	42.4	
20	FOOD AND KINDRED PRODUCTS . . .	12.3	206.7	858.7	44	20.9	6.8	(D)	(D)	-	(D)	
21	TOBACCO PRODUCTS	11.4	635.3	1097.7	5	19.3	1.6	1.6	.7	.9	-	
22	TEXTILE MILL PRODUCTS	28.5	339.3	819.1	25	21.0	13.3	13.3	2.4	9.3	1.6	
24	LUMBER AND WOOD PRODUCTS . . .	1.4	25.1	44.7	5	1.7	.8	.8	(D)	-	(D)	
25	FURNITURE AND FIXTURES	4.6	64.2	110.8	4	1.5	1.5	1.5	.2	1.3	-	
26	PAPER AND ALLIED PRODUCTS . . .	7.8	216.3	422.0	13	347.1	79.2	(D)	(D)	(D)	(D)	
28	CHEMICALS AND ALLIED PRODUCTS . .	25.5	622.0	1088.0	23	344.2	136.5	136.5	7.1	117.5	11.9	
29	PETROLEUM AND COAL PRODUCTS . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	
30	RUBBER, MISC. PLASTICS PROD. . .	6.8	174.9	309.6	9	49.8	20.7	20.7	.6	18.9	1.3	
32	STONE, CLAY, GLASS PRODUCTS . .	2.8	75.6	113.4	12	3.0	1.3	1.3	.3	.9	.2	
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	10	(D)	(D)	(D)	(D)	(D)	(D)	
34	FABRICATED METAL PRODUCTS . . .	1.3	38.8	75.3	3	.9	.2	.2	.1	.1	-	
35	MACHINERY, EXCEPT ELECTRICAL . .	2.3	35.8	81.3	3	1.5	.2	.2	.2	-	-	
36	ELECTRIC, ELECTRONIC EQUIP. . .	18.3	318.2	563.3	12	2.5	1.4	1.4	1.4	-	-	
37	TRANSPORTATION EQUIPMENT . . .	29.3	410.3	766.5	7	13.3	11.7	1.5	1.5	-	-	
39	MISC. MANUFACTURING INDUSTRIES .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	
	WEST VIRGINIA	62.9	1856.5	3521.9	86	749.3	533.7	530.4	(D)	505.7	16.7	
20	FOOD AND KINDRED PRODUCTS . . .	1.0	14.7	47.8	6	.2	.2	.2	.2	-	-	
22	TEXTILE MILL PRODUCTS	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	-	
26	PAPER AND ALLIED PRODUCTS . . .	.3	4.7	10.0	3	1.2	.1	.1	-	-	.1
28	CHEMICALS AND ALLIED PRODUCTS . .	19.8	920.6	1506.9	29	439.8	345.8	(D)	(D)	(D)	(D)	
29	PETROLEUM AND COAL PRODUCTS . .	(D)	(D)	(D)	4	23.2	(D)	(D)	(D)	(D)	(D)	
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)	-	
32	STONE, CLAY, GLASS PRODUCTS . .	12.6	222.1	317.4	17	12.8	1.9	(D)	(D)	(D)	(D)	
33	PRIMARY METAL INDUSTRIES . . .	21.3	515.3	1239.1	13	269.4	171.0	(D)	(D)	(D)	(D)	
34	FABRICATED METAL PRODUCTS . . .	2.5	51.9	124.7	6	.7	.6	.6	.3	-	.3	
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	
	NORTH CAROLINA	262.3	5242.1	10851.2	401	792.3	190.4	189.5	47.8	131.8	9.8	
20	FOOD AND KINDRED PRODUCTS . . .	15.1	267.5	844.5	49	12.0	5.5	5.4	4.3	-	1.1	
21	TOBACCO PRODUCTS	17.8	1203.0	2041.4	6	68.7	2.3	2.3	2.3	-	-	
22	TEXTILE MILL PRODUCTS	141.2	1586.7	4010.1	211	135.1	46.3	46.3	32.2	11.2	2.9	
24	LUMBER AND WOOD PRODUCTS . . .	1.7	31.0	59.8	9	1.0	.7	.7	.4	-	.2	
25	FURNITURE AND FIXTURES	6.8	79.4	137.0	9	.9	.5	.5	.5	-	-	
26	PAPER AND ALLIED PRODUCTS . . .	8.5	201.1	489.0	15	307.8	91.5	91.5	(D)	90.2	(D)	
28	CHEMICALS AND ALLIED PRODUCTS . .	18.8	603.2	1110.9	31	220.0	21.4	20.5	1.7	14.9	4.0	
30	RUBBER, MISC. PLASTICS PROD. . .	5.7	132.7	246.6	11	10.0	5.9	5.9	.7	4.8	.4	
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)	-	
32	STONE, CLAY, GLASS PRODUCTS . .	4.7	98.5	161.8	10	4.4	1.6	1.6	.7	.6	.4	
33	PRIMARY METAL INDUSTRIES . . .	2.0	47.2	115.6	5	4.1	1.3	1.3	.4	.9	-	
34	FABRICATED METAL PRODUCTS . . .	1.4	26.2	58.4	4	.7	.4	.4	.4	-	-	
35	MACHINERY, EXCEPT ELECTRICAL . .	(D)	(D)	(D)	11	14.9	(D)	(D)	(D)	(D)	(D)	
36	ELECTRIC, ELECTRONIC EQUIP. . .	22.0	408.3	695.3	21	5.9	3.0	3.0	2.3	.4	.2	
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	2	(D)	(D)	-	-	-	-	
38	INSTRUMENTS, RELATED PRODUCTS . .	4.2	96.5	147.3	5	6.5	1.2	1.2	.4	.8	-	
39	MISC. MANUFACTURING INDUSTRIES .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	
	SOUTH CAROLINA	161.1	2652.6	5853.0	267	611.7	146.4	145.2	24.1	109.3	11.8	
20	FOOD AND KINDRED PRODUCTS . . .	5.2	67.7	260.3	22	3.8	2.3	2.3	1.7	-	.6	
22	TEXTILE MILL PRODUCTS	95.4	1211.9	3020.3	152	101.0	42.3	42.3	12.6	22.6	7.1	
24	LUMBER AND WOOD PRODUCTS . . .	.7	16.8	37.6	4	.5	.4	.4	.1	.3	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	-	
26	PAPER AND ALLIED PRODUCTS . . .	6.1	189.1	421.3	9	281.3	55.7	(D)	(D)	(D)	(D)	
28	CHEMICALS AND ALLIED PRODUCTS . .	19.4	560.5	1010.7	25	145.5	33.6	33.2	2.9	26.4	1.8	
29	PETROLEUM AND COAL PRODUCTS . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	
30	RUBBER, MISC. PLASTICS PROD. . .	2.8	64.2	111.4	7	12.4	2.8	2.8	.3	(D)	(D)	
32	STONE, CLAY, GLASS PRODUCTS . .	5.3	99.0	154.7	7	(D)	1.4	1.4	.8	.2	.4	
33	PRIMARY METAL INDUSTRIES . . .	2.0	42.0	117.7	7	10.5	2.6	2.6	1.4	(D)	(D)	
34	FABRICATED METAL PRODUCTS . . .	.9	16.7	47.5	4	1.0	.4	.4	.4	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	8.4	221.6	391.6	12	20.1	2.1	2.1	(D)	-	(D)	
36	ELECTRIC, ELECTRONIC EQUIP. . .	6.7	89.6	155.3	12	4.3	(D)	(D)	(D)	(D)	-	
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	
38	INSTRUMENTS, RELATED PRODUCTS . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	
39	MISC. MANUFACTURING INDUSTRIES .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	
	GEORGIA	159.2	3346.9	9151.2	286	1009.8	262.4	223.8	34.6	80.5	108.3	
20	FOOD AND KINDRED PRODUCTS . . .	17.2	306.8	1029.8	56	18.2	9.2	9.1	4.6	-	4.5	
22	TEXTILE MILL PRODUCTS	62.4	911.2	2342.8	97	62.0	26.9	26.9	12.1	10.3	4.6	
24	LUMBER AND WOOD PRODUCTS . . .	1.2	26.7	57.0	5	.9	.3	(D)	(D)	-	(D)	
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	1	(D)	-	-	-	-	-	
26	PAPER AND ALLIED PRODUCTS . . .	19.6	533.1	1139.2	37	700.2	182.8	150.2	8.7	65.3	75.8	
28	CHEMICALS AND ALLIED PRODUCTS . .	5.9	251.6	478.6	31	132.8	35.5	(D)	(D)	(D)	(D)	
29	PETROLEUM AND COAL PRODUCTS . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	(D)	
30	RUBBER, MISC. PLASTICS PROD. . .	3.7	114.8	202.5	11	2.7	.9	.9	(D)	(D)	.5	

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	SOUTH ATLANTIC DIVISION--CON.									
	MARYLAND--CONTINUED									
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	-	-	-	(D)	(D)	-	-	(D)
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	1.6	-	-	-	1.6	-	-	-	-
	DIST. OF COL.	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
	VIRGINIA	(D)	-	(D)	-	-	(D)	-	-	(D)
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	(D)	-	-	(D)
21	TOBACCO PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	(D)	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS	(D)	-	(D)	-	-	(D)	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS	-	-	-	-	-	(D)	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	10.2	-	-	10.2
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-	-	-
	WEST VIRGINIA	3.3	-	(D)	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	(D)	-	-	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	(D)	-	-	(D)	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	(D)	-	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	-	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
	NORTH CAROLINA . . . . .	.9	-	(D)	-	(D)	-	-	-	-
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
21	TOBACCO PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	.4	-	-	0.4	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	(D)	-	-	(D)	-	(D)	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-	-	-
	SOUTH CAROLINA	(D)	-	-	(D)	(D)	(D)	-	-	(D)
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	(D)	-	-	-	(D)	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	.4	-	-	0.4	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	(D)	-	-	(D)	-	(D)	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-	-	-
	GEORGIA	35.9	-	(D)	-	(D)	(D)	-	-	(D)
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	(D)	-	(D)	-	(D)	(D)	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS	(D)	-	-	-	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
SOUTH ATLANTIC DIVISION--CON.												
GEORGIA--CONTINUED												
32	STONE, CLAY, GLASS PRODUCTS. . .	4.2	102.1	156.0	14	25.7	1.4	1.4	0.4	0.6	0.5	-
33	PRIMARY METAL INDUSTRIES. . .	6.8	72.7	358.2	7	16.2	1.8	1.8	1.2	.7	-	-
34	FABRICATED METAL PRODUCTS. . .	1.9	36.1	76.0	5	.3	.2	.2	(D)	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL. .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	4.4	93.4	188.6	7	1.1	.5	.5	.5	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	27.4	829.6	2986.1	8	(D)	2.3	2.3	2.3	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	2.1	34.0	53.0	4	.9	.2	.2	.2	-	-	-
FLORIDA												
20	FOOD AND KINDRED PRODUCTS. . .	79.6	1800.2	4231.2	182	1252.7	290.9	207.0	25.3	43.2	136.2	2.3
22	TEXTILE MILL PRODUCTS. . .	19.6	508.5	1704.2	80	133.9	52.9	45.1	8.1	8.2	28.6	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS. .	9.1	231.0	545.0	12	488.8	130.7	95.1	(D)	17.6	63.5	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	12.1	335.6	697.7	32	588.5	92.0	56.9	(D)	15.3	39.1	(D)
32	STONE, CLAY, GLASS PRODUCTS. . .	2.4	25.4	42.1	6	2.8	2.3	(D)	(D)	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES. . .	3.8	118.1	200.7	15	12.3	7.9	3.8	.7	1.2	1.9	-
34	FABRICATED METAL PRODUCTS. . .	.9	21.3	45.5	6	5.7	.8	.7	.4	-	.3	-
35	MACHINERY, EXCEPT ELECTRICAL. .	2.3	76.2	151.2	7	1.1	.7	.7	.4	-	.4	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	14.5	259.1	362.1	12	14.5	1.4	1.4	.5	-	.8	-
38	INSTRUMENTS, RELATED PRODUCTS. .	9.9	148.5	283.8	4	1.9	1.8	1.8	.4	(D)	(D)	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	(D)	(D)	2	(D)	(D)	-	-	-	(D)	-
EAST SOUTH CENTRAL DIVISION												
		466.1	10787.8	23869.1	780	3391.5	1077.2	1017.9	138.1	742.2	128.0	8.6
KENTUCKY												
20	FOOD AND KINDRED PRODUCTS. . .	108.6	3372.1	7545.3	172	703.8	126.3	(D)	(D)	(D)	(D)	-
21	TOBACCO PRODUCTS. . .	7.7	290.0	781.3	38	15.2	8.1	8.1	2.4	2.7	3.0	-
22	TEXTILE MILL PRODUCTS. . .	9.5	464.4	785.5	3	10.3	.8	.8	.8	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	1.3	19.7	71.1	3	.2	.2	.2	.2	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	.7	12.9	25.9	3	.1	.1	.1	.1	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	2.9	69.3	141.2	6	41.2	12.5	12.5	.2	8.7	3.6	-
29	PETROLEUM AND COAL PRODUCTS. . .	10.1	396.1	847.7	27	279.0	61.2	61.2	3.0	46.2	12.0	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	6	(D)	(D)	(D)	(D)	(D)	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	6	76.2	(D)	(D)	(D)	-	(D)	-
33	PRIMARY METAL INDUSTRIES. . .	2.4	69.4	100.0	8	8.7	4.6	4.6	(D)	3.2	(D)	-
34	FABRICATED METAL PRODUCTS. . .	11.0	316.8	948.9	18	156.5	20.7	(D)	(D)	(D)	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL. .	5.4	95.5	167.3	16	8.5	5.5	5.5	5.4	-	.1	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	21.2	482.0	893.0	11	13.7	2.1	2.1	2.1	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	26.9	699.5	1214.1	22	13.0	3.8	3.8	3.8	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	(D)	(D)	4	(D)	(D)	(D)	(D)	-	-	-
TENNESSEE												
20	FOOD AND KINDRED PRODUCTS. . .	164.3	3706.4	7715.4	259	1021.8	427.3	426.5	26.1	367.3	33.0	-
22	TEXTILE MILL PRODUCTS. . .	12.4	304.9	1302.4	52	23.2	9.0	9.0	3.2	.1	5.7	-
24	LUMBER AND WOOD PRODUCTS. . .	18.4	185.3	464.7	30	14.4	4.9	4.9	3.1	.5	1.3	-
25	FURNITURE AND FIXTURES. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS. .	5.0	144.5	297.3	15	217.4	49.2	49.2	.7	41.5	7.1	-
29	PETROLEUM AND COAL PRODUCTS. . .	44.7	1241.8	2123.6	48	628.7	303.1	303.1	7.1	261.5	14.5	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	(D)	-
31	LEATHER AND LEATHER PRODUCTS. .	8.5	252.9	479.0	13	11.1	4.1	4.1	(D)	(D)	1.9	-
32	STONE, CLAY, GLASS PRODUCTS. . .	.2	19.6	43.5	4	.4	.4	.4	-	-	.4	-
33	PRIMARY METAL INDUSTRIES. . .	9.1	233.7	373.1	18	32.6	11.9	(D)	(D)	(D)	(D)	-
34	FABRICATED METAL PRODUCTS. . .	11.8	212.3	550.0	20	74.8	37.8	37.8	3.5	34.1	.2	-
35	MACHINERY, EXCEPT ELECTRICAL. .	11.8	173.1	311.7	15	2.1	1.2	(D)	(D)	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	12.3	301.0	565.6	12	1.9	1.4	1.4	1.4	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	17.1	425.5	776.2	19	3.0	1.4	1.4	1.1	.2	.1	-
39	MISC. MANUFACTURING INDUSTRIES. .	10.3	185.5	341.1	8	2.5	2.3	2.3	(D)	-	(D)	-
ALABAMA												
20	FOOD AND KINDRED PRODUCTS. . .	131.8	2647.5	5841.4	236	1190.0	396.3	(D)	(D)	(D)	(D)	-
22	TEXTILE MILL PRODUCTS. . .	9.9	124.4	499.7	42	6.8	6.0	6.0	3.9	.2	1.9	-
24	LUMBER AND WOOD PRODUCTS. . .	28.6	313.6	762.9	44	46.2	7.8	7.8	4.1	2.5	1.1	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	9	6.7	(D)	(D)	(D)	(D)	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS. .	12.7	375.6	767.9	19	555.6	184.6	151.8	34.3	115.7	1.8	-
29	PETROLEUM AND COAL PRODUCTS. . .	7.9	324.8	690.1	29	182.3	109.3	108.6	9.9	90.1	8.6	-
30	RUBBER, MISC. PLASTICS PROD. . .	.6	30.5	88.8	7	6.1	1.1	(D)	(D)	(D)	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	7.8	278.7	482.1	7	13.1	8.6	8.6	1.4	6.2	.9	-
33	PRIMARY METAL INDUSTRIES. . .	2.0	48.1	77.0	15	4.0	2.6	1.8	.6	.8	(D)	-
34	FABRICATED METAL PRODUCTS. . .	35.5	707.8	1741.9	35	357.1	65.3	(D)	(D)	(D)	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL. .	6.5	126.5	189.9	11	2.4	1.7	1.7	1.6	-	.1	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	1.6	22.4	41.2	4	(D)	.2	(D)	(D)	-	(D)	-
37	TRANSPORTATION EQUIPMENT. . .	8.1	150.5	209.0	6	6.9	1.0	1.0	(D)	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	(D)	(D)	6	2.1	(D)	(D)	(D)	-	(D)	-
MISSISSIPPI												
20	FOOD AND KINDRED PRODUCTS. . .	61.3	1061.9	2766.9	113	475.8	127.2	104.3	10.8	30.2	53.9	8.5
22	TEXTILE MILL PRODUCTS. . .	7.0	74.1	400.9	36	7.6	5.9	(D)	(D)	-	(D)	-
24	LUMBER AND WOOD PRODUCTS. . .	4.0	37.0	69.2	5	1.6	1.5	1.5	(D)	-	(D)	-
25	FURNITURE AND FIXTURES. . .	4.3	67.0	134.7	9	8.0	4.4	4.4	.4	-	4.0	-
26	PAPER AND ALLIED PRODUCTS. . .	3.2	35.7	67.2	3	.6	.4	.4	.4	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	3.8	128.1	252.3	5	165.7	49.5	49.5	-	(D)	(D)	8.5
29	PETROLEUM AND COAL PRODUCTS. . .	3.9	172.3	298.9	14	169.1	46.6	(D)	(D)	(D)	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	2.6	46.9	109.4	4	3.1	1.1	1.1	.1	-	1.0	-
33	PRIMARY METAL INDUSTRIES. . .	2.2	48.8	82.9	11	9.0	8.1	3.3	.3	.6	2.4	-
34	FABRICATED METAL PRODUCTS. . .	.9	23.7	66.3	4	1.3	.4	.4	(D)	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL. .	1.2	24.0	52.1	5	.7	.7	.7	(D)	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	1.8	48.2	88.4	3	.2	.2	.2	(D)	-	(D)	-
37	TRANSPORTATION EQUIPMENT. . .	5.8	80.1	165.5	9	.9	.8	.8	.4	-	.3	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	(D)	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	SOUTH ATLANTIC DIVISION--CON.									
	GEORGIA--CONTINUED									
32	STONE, CLAY, GLASS PRODUCTS. . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-
	FLORIDA.	47.3	-	(D)	(D)	10.6	36.5	-	-	36.5
20	FOOD AND KINDRED PRODUCTS. . .	7.8	-	(D)	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	-	-	-	(D)	(D)	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	-	-	(D)	(D)	(D)	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	-	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	-	(D)	-	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-
	EAST SOUTH CENTRAL DIVISION	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
	KENTUCKY.	(D)	-	-	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
21	TOBACCO PRODUCTS. . .	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	-	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-
	TENNESSEE. . . . .	.8	-	(D)	-	(D)	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES. . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	(D)	-	-	-	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIPMENT. .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-
	ALABAMA.	(D)	-	(D)	(D)	(D)	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	-	-	-	(D)	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	.7	-	-	(D)	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	-	-	-	(D)	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	.8	-	0.8	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	-	(D)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	-	-	-	(D)	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-
	MISSISSIPPI.	(D)	-	-	-	(D)	(D)	-	-	(D)
20	FOOD AND KINDRED PRODUCTS. . .	-	-	-	-	-	(D)	-	-	(D)
22	TEXTILE MILL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES. . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	-	-	-	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	-	-	-	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Establishments reporting water intake				Gross water used, including recirculated	Water intake, by kind					
		Number of employ-ees ¹	Value added by manu-facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
	WEST SOUTH CENTRAL DIVISION	442.2	13096.0	34836.6	892	12336.6	3126.6	1629.7	218.2	1135.9	264.0	11.4
	ARKANSAS	62.6	1163.0	2917.6	149	232.5	81.9	77.8	18.9	22.8	36.1	-
20	FOOD AND KINDRED PRODUCTS	14.9	206.6	906.1	58	15.6	9.0	9.0	7.2	-	1.8	-
22	TEXTILE MILL PRODUCTS	2.2	43.7	116.1	6	2.1	1.6	1.6	(D)	-	(D)	-
24	LUMBER AND WOOD PRODUCTS	3.7	63.4	122.4	12	6.3	5.7	(D)	-	(D)	(D)	-
25	FURNITURE AND FIXTURES	3.0	36.7	61.1	3	.3	.3	(D)	-	(D)	(D)	-
26	PAPER AND ALLIED PRODUCTS	5.3	172.9	402.9	11	159.8	48.2	48.2	(D)	(D)	25.5	-
28	CHEMICALS AND ALLIED PRODUCTS	3.2	104.5	206.1	14	23.8	10.8	(D)	(D)	(D)	(D)	-
29	PETROLEUM AND COAL PRODUCTS	.4	7.8	18.1	3	7.0	.3	.3	-	-	.3	-
30	RUBBER, MISC. PLASTICS PROD.	4.5	84.6	147.9	10	4.8	1.0	1.0	.8	.1	.1	-
32	STONE, CLAY, GLASS PRODUCTS	.9	19.9	30.7	4	2.2	.4	.4	-	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES	2.6	57.6	147.4	6	7.0	2.4	2.4	.4	2.0	-	-
34	FABRICATED METAL PRODUCTS	4.2	60.9	126.1	8	1.1	1.0	1.0	.5	-	.5	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	10.1	154.8	348.4	8	1.3	.7	.7	.7	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
	LOUISIANA	81.3	2736.9	7831.9	212	3381.1	1349.8	1047.1	10.1	907.9	120.8	8.2
20	FOOD AND KINDRED PRODUCTS	8.8	256.5	936.9	58	63.2	45.1	(D)	(D)	(D)	(D)	-
22	TEXTILE MILL PRODUCTS	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
24	LUMBER AND WOOD PRODUCTS	2.5	39.8	84.0	11	2.2	1.5	1.5	.1	.5	.9	-
26	PAPER AND ALLIED PRODUCTS	11.2	323.7	686.4	19	263.5	95.8	95.8	(D)	46.9	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS	20.7	1209.0	2266.9	70	1678.4	829.6	691.8	1.0	636.1	46.4	8.2
29	PETROLEUM AND COAL PRODUCTS	8.9	426.8	2876.5	22	1223.4	246.8	88.6	.4	65.7	22.5	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	2.2	50.1	88.8	11	1.8	1.7	1.1	.3	-	.8	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	5	(D)	(D)	(D)	(D)	(D)	(D)	-
34	FABRICATED METAL PRODUCTS	6.0	90.9	179.1	7	.7	.7	.7	(D)	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
	OKLAHOMA	39.9	912.3	2470.2	83	270.7	27.2	26.2	19.3	2.6	4.2	-
20	FOOD AND KINDRED PRODUCTS	4.7	74.1	343.3	20	2.6	2.0	2.0	1.5	-	.6	-
22	TEXTILE MILL PRODUCTS	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	-	-
26	PAPER AND ALLIED PRODUCTS	.7	29.2	75.2	4	(D)	9.2	9.2	(D)	(D)	-	-
28	CHEMICALS AND ALLIED PRODUCTS	.7	25.1	36.2	7	17.0	1.0	1.0	.6	(D)	(D)	-
29	PETROLEUM AND COAL PRODUCTS	4.1	89.0	829.6	12	184.3	9.6	(D)	(D)	(D)	(D)	-
30	RUBBER, MISC. PLASTICS PROD.	4.9	114.9	228.0	7	19.9	1.9	1.9	.6	.3	1.0	-
32	STONE, CLAY, GLASS PRODUCTS	3.3	80.0	107.4	10	4.2	1.0	1.0	.6	-	.4	-
33	PRIMARY METAL INDUSTRIES	1.3	31.9	63.7	6	10.8	.5	(D)	(D)	-	-	-
34	FABRICATED METAL PRODUCTS	1.2	21.5	32.8	3	.3	.2	.2	.1	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	6.6	193.2	316.0	5	1.3	.2	.2	.2	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT	4.0	93.2	142.5	4	.5	.5	.5	.5	-	-	-
	TEXAS	258.4	8283.8	21616.8	448	8452.2	1669.8	478.7	169.9	202.7	102.9	3.2
20	FOOD AND KINDRED PRODUCTS	27.0	770.5	2678.0	107	51.9	21.8	20.4	11.0	5.3	4.1	-
22	TEXTILE MILL PRODUCTS	(D)	(D)	(D)	6	(D)	(D)	(D)	(D)	-	(D)	-
24	LUMBER AND WOOD PRODUCTS	4.0	53.1	108.0	9	9.6	3.0	(D)	(D)	(D)	(D)	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	6.0	160.1	329.9	16	430.9	59.7	59.7	24.4	6.5	28.7	-
28	CHEMICALS AND ALLIED PRODUCTS	43.6	2719.1	5144.6	122	3270.4	930.1	161.7	43.3	82.0	33.2	3.1
29	PETROLEUM AND COAL PRODUCTS	29.1	1300.9	7057.3	41	3120.4	272.6	(D)	(D)	(D)	(D)	-
30	RUBBER, MISC. PLASTICS PROD.	4.2	144.3	261.0	11	20.7	1.9	1.9	(D)	(D)	1.0	-
32	STONE, CLAY, GLASS PRODUCTS	8.9	253.5	408.2	42	22.8	7.1	6.1	.9	1.3	3.9	-
33	PRIMARY METAL INDUSTRIES	23.4	624.1	1328.6	23	718.2	350.9	96.7	2.2	88.8	5.6	-
34	FABRICATED METAL PRODUCTS	14.0	197.5	371.8	22	6.4	2.1	2.1	1.3	.3	.5	-
35	MACHINERY, EXCEPT ELECTRICAL	18.8	460.4	753.8	22	14.9	2.4	2.4	.9	.6	.8	-
36	ELECTRIC, ELECTRONIC EQUIP.	32.7	566.9	891.6	12	(D)	2.8	2.8	2.3	-	.5	-
37	TRANSPORTATION EQUIPMENT	42.2	906.1	2072.5	10	(D)	14.6	(D)	(D)	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS	2.3	96.7	127.8	4	1.0	.4	.4	.3	-	-	-
	MOUNTAIN DIVISION	136.6	3339.7	9412.3	299	1059.3	208.2	183.8	26.3	95.8	61.6	-
	MONTANA	8.1	241.8	1019.2	32	89.7	47.9	(D)	(D)	(D)	(D)	-
20	FOOD AND KINDRED PRODUCTS	1.2	25.2	129.1	10	5.8	3.0	(D)	(D)	-	(D)	-
22	TEXTILE MILL PRODUCTS	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	5	(D)	(D)	(D)	(D)	(D)	(D)	-
26	PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS	.2	7.1	14.5	3	6.0	2.5	2.5	-	(D)	(D)	-
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	5	35.8	(D)	(D)	(D)	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS	(D)	(D)	(D)	3	1.5	(D)	(D)	-	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	4	(D)	(D)	(D)	(D)	(D)	(D)	-
	IDAHO	16.0	353.8	978.6	57	122.7	40.9	40.9	1.3	14.1	25.5	-
20	FOOD AND KINDRED PRODUCTS	9.4	179.2	533.6	40	33.9	15.2	15.2	1.2	.4	13.5	-
22	TEXTILE MILL PRODUCTS	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	7	(D)	(D)	(D)	(D)	(D)	-	-
26	PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS	1.3	58.5	133.8	4	32.2	6.2	6.2	-	.9	5.3	-
32	STONE, CLAY, GLASS PRODUCTS	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	(D)	-
	WYOMING	1.7	49.7	230.3	12	39.4	5.9	(D)	(D)	(D)	(D)	-
20	FOOD AND KINDRED PRODUCTS	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)	-	-
29	PETROLEUM AND COAL PRODUCTS	1.1	32.4	186.5	6	34.8	3.7	3.7	.7	2.8	.2	-
32	STONE, CLAY, GLASS PRODUCTS	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	(D)	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Water intake, by kind—Continued									
		Brackish water, by source					Salt water, by source				
		Total	Public water system	Company systems			Total	Public water system	Company systems		
				Surface	Ground	Tidewater			Surface	Ground	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
	WEST SOUTH CENTRAL DIVISION	585.6	2.1	304.7	53.2	225.6	913.2	-	-	4.4	908.7
	ARKANSAS.	(D)	-	(D)	-	-	(D)	-	-	(D)	-
20	FOOD AND KINDRED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(D)	-	(D)	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	(D)	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT.	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	-	-	-	-	-	-	-	-	-	-
	LOUISIANA.	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS.	(D)	-	(D)	(D)	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS.	158.2	-	154.7	(D)	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . . . .	.6	-	-	(D)	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT.	(D)	-	-	(D)	-	-	-	-	-	-
	OKLAHOMA.	1.0	(D)	.4	(D)	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)	(D)	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	(D)	-	(D)	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIPMENT.	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT.	-	-	-	-	-	-	-	-	-	-
	TEXAS.	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	(D)
20	FOOD AND KINDRED PRODUCTS.	(D)	(D)	(D)	-	-	(D)	-	-	-	(D)
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(D)	-	(D)	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	112.2	-	1.8	(D)	(D)	656.2	-	-	-	656.2
29	PETROLEUM AND COAL PRODUCTS.	157.8	1.3	(D)	(D)	147.7	(D)	-	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	(D)	-	(D)	-	-	(D)	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES.	(D)	-	-	(D)	(D)	(D)	-	-	-	(D)
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT.	(D)	-	(D)	(D)	-	(D)	-	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
	MOUNTAIN DIVISION	(D)	-	(D)	(D)	-	(D)	-	(D)	-	-
	MONTANA.	(D)	-	(D)	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	(D)	-	(D)	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	-	-	-	-	-	-	-	-	-	-
	IDAHO.	-	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	-	-	-	-	-	-	-	-	-	-
	WYOMING.	(D)	-	(D)	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	(D)	-	(D)	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Establishments reporting water intake				Gross water used, including recirculated	Water intake, by kind					
		Number of employees ¹	Value added by manufacture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Public water system	Company systems			
									Surface	Ground	Tidewater	
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
MOUNTAIN DIVISION--CONTINUED												
	COLORADO	46.6	1119.4	2991.0	77	158.4	52.1	46.5	5.8	35.2	5.5	-
20	FOOD AND KINDRED PRODUCTS. . .	10.9	316.3	1461.0	35	19.9	12.3	(D)	(D)	(D)	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	7	12.1	(D)	(D)	(D)	(D)	(D)	-
29	PETROLEUM AND COAL PRODUCTS. .	.3	10.4	80.5	3	21.9	1.0	1.0	-	.3	.7	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	(D)	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	2.1	50.3	76.0	11	1.6	1.5	1.5	.4	.8	.3	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)	-	-
34	FABRICATED METAL PRODUCTS. . .	5.1	76.9	126.0	3	.3	.2	.2	.2	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	6.6	154.1	403.1	6	.6	.4	.3	.3	.1	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	(D)	-	-
NEW MEXICO.												
20	FOOD AND KINDRED PRODUCTS. . .	4.4	94.2	423.2	20	10.0	3.6	(D)	(D)	-	(D)	-
22	TEXTILE MILL PRODUCTS. . .	1.2	24.6	161.5	7	1.5	1.0	1.0	.3	-	.7	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	-	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	.2	9.7	50.7	3	4.8	.2	.2	-	-	.2	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
ARIZONA												
20	FOOD AND KINDRED PRODUCTS. . .	40.8	931.7	2222.9	47	147.5	19.0	17.7	(D)	(D)	9.9	-
24	LUMBER AND WOOD PRODUCTS. . .	2.1	49.5	310.1	11	5.6	2.2	(D)	(D)	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	.9	23.8	40.5	7	.9	.7	.7	.1	-	.6	-
33	PRIMARY METAL INDUSTRIES. . .	6.1	166.3	854.9	10	81.2	9.2	(D)	(D)	-	(D)	-
34	FABRICATED METAL PRODUCTS. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	5.2	224.5	278.5	4	3.5	.4	.4	.4	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	18.5	278.1	419.7	5	(D)	2.0	2.0	(D)	-	(D)	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
UTAH.												
20	FOOD AND KINDRED PRODUCTS. . .	16.6	487.9	1392.3	41	476.6	32.5	18.5	5.2	5.7	7.6	-
28	CHEMICALS AND ALLIED PRODUCTS. .	1.9	32.5	125.6	14	3.7	2.4	2.4	(D)	(D)	.4	-
29	PETROLEUM AND COAL PRODUCTS. .	.7	14.0	23.4	6	9.5	7.8	.1	-	(D)	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	.6	41.8	206.2	4	310.7	3.1	(D)	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	.3	11.4	16.6	3	.3	.3	(D)	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL . .	7.2	228.4	796.0	7	151.2	18.3	(D)	(D)	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	1.7	44.2	54.3	3	.2	.1	.1	.1	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	-
NEVADA.												
20	FOOD AND KINDRED PRODUCTS. . .	2.3	61.2	154.8	13	15.1	6.2	(D)	(D)	(D)	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	.5	22.5	41.9	5	10.8	3.2	(D)	(D)	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES. . .	.4	9.0	17.9	4	.9	.6	.6	.2	-	.4	-
PACIFIC DIVISION												
	WASHINGTON.	623.6	15952.0	34285.3	1103	3732.7	1037.9	769.1	255.6	344.7	148.9	19.7
	WASHINGTON.	94.2	2376.6	5715.6	167	1141.2	362.2	344.5	119.9	167.1	57.5	-
20	FOOD AND KINDRED PRODUCTS. . .	11.6	253.7	800.8	60	34.5	16.7	16.7	4.2	.6	11.8	-
24	LUMBER AND WOOD PRODUCTS. . .	10.1	251.5	458.6	21	56.5	50.2	(D)	(D)	(D)	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	11.8	311.8	690.8	24	803.4	222.8	220.8	97.7	102.7	20.5	-
28	CHEMICALS AND ALLIED PRODUCTS. .	2.8	97.6	124.4	10	34.9	27.6	19.4	2.2	9.3	7.9	-
29	PETROLEUM AND COAL PRODUCTS. .	1.1	74.1	383.2	6	91.0	3.7	3.7	2.9	.8	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	1.2	30.9	57.7	7	4.3	2.9	(D)	(D)	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES. . .	8.9	282.2	789.2	21	109.6	34.5	27.2	6.0	7.2	14.1	-
34	FABRICATED METAL PRODUCTS. . .	.7	12.8	27.5	4	.2	.2	.2	.2	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	1.4	18.1	42.1	3	(D)	(D)	(D)	(D)	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	43.5	1022.8	2308.2	8	6.1	3.3	(D)	(D)	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
OREGON.												
20	FOOD AND KINDRED PRODUCTS. . .	52.6	1235.2	2573.5	176	549.6	157.1	145.5	14.6	118.6	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . .	10.7	193.3	479.3	48	13.5	9.3	(D)	(D)	(D)	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	21.4	484.2	999.8	67	74.6	31.4	20.3	4.5	10.1	5.7	-
28	CHEMICALS AND ALLIED PRODUCTS. .	5.8	229.8	436.4	17	408.8	90.1	90.1	2.9	86.8	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	12	(D)	(D)	(D)	(D)	(D)	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	.2	6.9	20.7	3	.4	.2	.2	.1	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	.6	11.9	24.6	6	1.1	1.1	1.1	.1	.8	.2	-
34	FABRICATED METAL PRODUCTS. . .	3.6	70.7	189.5	11	24.5	11.4	11.4	.4	8.1	2.9	-
35	MACHINERY, EXCEPT ELECTRICAL . .	1.1	22.6	30.7	3	.4	.4	(D)	(D)	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Water intake, by kind--Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Ground	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	MOUNTAIN DIVISION--CONTINUED									
	COLORADO	5.5	-	(D)	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	(D)	-	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	(D)	-	-	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
	NEW MEXICO	(D)	-	-	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	-	-	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
	ARIZONA	1.3	-	(D)	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	(D)	-	(D)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	-	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	(D)	-	-	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIPMENT . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
	UTAH	(D)	-	(D)	(D)	-	(D)	-	(D)	-
20	FOOD AND KINDRED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	-	(D)	(D)	-	(D)	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS . .	(D)	-	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	-	-	-	-	-	(D)	-	(D)	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	-	-	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
	NEVADA	(D)	-	-	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	-	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-
	PACIFIC DIVISION	78.6	(D)	(D)	24.3	45.3	189.7	-	-	1.5 188.2
	WASHINGTON	5.1	(D)	(D)	-	(D)	12.6	-	-	12.6
20	FOOD AND KINDRED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	-	-	-	-	-	(D)	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . .	(D)	-	-	-	(D)	(D)	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	8.1	-	-	8.1
29	PETROLEUM AND COAL PRODUCTS . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	(D)	-	-	-	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	-	-	(D)	-	-	(D)
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	(D)	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
	OREGON	(D)	-	(D)	-	(D)	(D)	-	-	(D)
20	FOOD AND KINDRED PRODUCTS . . .	(D)	-	(D)	-	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	-	(D)	-	(D)	(D)	-	-	(D)
26	PAPER AND ALLIED PRODUCTS . . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
	PACIFIC DIVISION--CONTINUED											
	CALIFORNIA.	466.5	12126.2	25410.3	721	1652.5	430.4	215.3	102.8	34.5	62.1	15.9
20	FOOD AND KINDRED PRODUCTS. . .	70.2	1848.7	5554.7	258	223.6	137.4	47.5	17.2	1.6	28.7	-
22	TEXTILE MILL PRODUCTS.	2.8	61.9	146.4	12	1.7	1.3	1.3	1.2	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	7.1	176.6	344.8	25	67.4	34.6	34.6	(D)	30.5	3.0	(D)
26	PAPER AND ALLIED PRODUCTS. . .	6.7	154.8	346.9	35	291.0	48.2	38.3	21.7	-	8.7	7.8
28	CHEMICALS AND ALLIED PRODUCTS. .	12.9	628.7	1116.0	76	182.1	39.2	21.0	8.4	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. .	12.2	563.4	2760.7	33	655.7	112.8	34.7	26.5	.1	8.1	-
30	RUBBER, MISC. PLASTICS PROD. .	10.7	284.1	487.2	18	12.0	2.3	2.3	.8	(D)	(D)	-
31	LEATHER AND LEATHER PRODUCTS .	.7	7.9	20.4	4	.2	.2	.2	.2	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	16.5	457.5	697.9	46	37.5	18.6	(D)	(D)	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES. . . .	12.6	223.1	691.9	27	43.8	11.0	(D)	(D)	-	(D)	-
34	FABRICATED METAL PRODUCTS. . .	21.3	415.6	692.4	63	14.6	5.2	5.2	4.6	-	.5	-
35	MACHINERY, EXCEPT ELECTRICAL .	23.6	501.8	890.8	18	9.6	2.8	(D)	(D)	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	56.5	1142.4	1828.1	44	29.2	4.4	4.4	4.3	-	.1	-
37	TRANSPORTATION EQUIPMENT. . .	199.6	5463.7	9523.2	48	82.7	11.7	9.7	7.9	1.6	.1	-
38	INSTRUMENTS, RELATED PRODUCTS. .	10.4	143.4	227.3	10	1.3	.6	.6	.6	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	2.3	52.7	81.6	4	.1	.1	.1	.1	-	-	-
	ALASKA.	1.7	56.5	138.6	12	283.2	32.1	(D)	(D)	(D)	(D)	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	7	(D)	(D)	(D)	(D)	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
	HAWAII.	8.7	157.5	447.2	27	106.3	56.0	(D)	(D)	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	7.9	129.7	319.2	22	85.9	53.5	30.3	.7	(D)	16.5	(D)
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	-
33	PRIMARY METAL INDUSTRIES. . . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-

Note: Figures shown for States and divisions include data for all component industry groups whether or not separate figures are shown for individual industry groups.

TABLE 2B. Gross Water Used and Water Intake, by Source and Kind, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

SIC code	Geographic division, State, and major industry group	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
PACIFIC DIVISION--CONTINUED										
	CALIFORNIA.	39.3	-	(D)	(D)	34.2	175.3	-	-	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	(D)	-	-	(D)	(D)	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	9.5	-	-	0.4	9.1	8.6	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . .	17.9	-	-	-	17.9	60.2	-	-	60.2
30	RUBBER, MISC. PLASTICS PROD. . . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	-	-	-	-	-	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES.	(D)	-	-	-	(D)	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	(D)	-	-	(D)
36	ELECTRIC, ELECTRONIC EQUIP. . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	-	-	-	-	-	2.0	-	-	2.0
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-
ALASKA.										
20	FOOD AND KINDRED PRODUCTS. . . .	-	-	-	-	-	(D)	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . .	-	-	-	-	-	(D)	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	-	-	-	-	-	-	-	-	-
HAWAII.										
20	FOOD AND KINDRED PRODUCTS. . . .	(D)	-	-	(D)	(D)	(D)	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	-	-	(D)	(D)	(D)	-	-	(D)
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	-	(D)	(D)	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES.	-	-	-	-	-	-	-	-	-

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

¹Source: 1972 Census of Manufactures.

TABLE 2C. Gross Water Used and Water Intake, by Source and Kind, for Water Use Regions and Major Industry Groups: 1973

SIC code	Water Use Region (WUR) and major industry group	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
	UNITED STATES, TOTAL	7083.0	172760.3	389717.6	10668	43412.6	15024.3	12194.9	1635.9	8693.1	1514.6	348.7
	NEW ENGLAND (WUR).	459.6	9124.7	16591.9	744	1151.2	665.4	593.3	80.2	486.9	25.6	.5
20	FOOD AND KINDRED PRODUCTS. . .	21.2	451.8	1266.8	85	37.5	10.1	9.5	4.8	1.9	2.7	-
22	TEXTILE MILL PRODUCTS.	26.3	370.1	730.8	78	15.0	14.5	(D)	(D)	(D)	(D)	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	(D)	-
25	FURNITURE AND FIXTURES.	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	34.9	682.3	1498.7	105	739.6	397.3	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	16.9	503.2	961.7	41	69.6	67.1	19.9	12.3	(D)	(D)	-
29	PETROLEUM AND COAL PRODUCTS. .	.7	16.1	47.1	6	1.5	1.1	1.1	.3	.6	.3	-
30	RUBBER, MISC. PLASTICS PROD. . .	24.8	458.1	800.3	51	33.3	23.6	22.4	5.6	15.4	1.5	-
31	LEATHER AND LEATHER PRODUCTS. .	4.0	49.2	129.5	15	3.1	3.0	3.0	1.8	.9	.2	-
32	STONE, CLAY, GLASS PRODUCTS. .	9.8	198.6	315.7	21	5.1	4.1	3.0	2.3	.1	.6	-
33	PRIMARY METAL INDUSTRIES. . . .	23.5	473.7	1235.8	60	36.5	22.3	21.4	6.4	13.7	1.3	-
34	FABRICATED METAL PRODUCTS. . .	37.7	753.8	1176.0	64	22.3	14.6	14.6	5.6	8.1	.9	-
35	MACHINERY, EXCEPT ELECTRICAL. .	61.9	1377.1	1964.3	59	36.0	21.7	(D)	(D)	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	64.5	1179.6	1849.3	64	10.3	7.0	7.0	5.8	.5	.7	-
37	TRANSPORTATION EQUIPMENT. . .	85.2	1519.5	2869.2	27	95.6	58.2	(D)	(D)	(D)	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS. .	28.9	748.5	1158.3	29	18.3	9.3	9.3	3.3	(D)	.3	(D)
39	MISC. MANUFACTURING INDUSTRIES. .	18.4	320.6	510.4	33	6.9	4.7	4.7	2.3	1.6	.8	-
	MIDDLE ATLANTIC (WUR).	1015.4	25436.5	54203.0	1504	4465.2	1857.4	1178.4	168.7	588.2	126.5	294.6
20	FOOD AND KINDRED PRODUCTS. . .	102.5	2673.4	7558.2	317	162.9	78.8	61.0	28.2	1.7	20.0	11.0
21	TOBACCO PRODUCTS.	14.1	580.9	1174.7	9	20.6	2.3	2.3	.8	1.4	-	-
22	TEXTILE MILL PRODUCTS.	31.0	449.4	931.7	91	19.2	12.9	12.9	7.9	2.6	2.3	-
24	LUMBER AND WOOD PRODUCTS. . .	.9	11.6	22.4	5	.7	.5	.5	.1	.1	.3	-
25	FURNITURE AND FIXTURES.	7.1	91.3	155.4	8	2.2	1.7	1.7	.4	1.3	-	-
26	PAPER AND ALLIED PRODUCTS. . .	37.7	874.6	1876.5	117	540.3	181.3	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	127.9	5547.4	8954.7	263	937.6	429.7	299.1	42.3	147.0	40.6	69.2
29	PETROLEUM AND COAL PRODUCTS. .	13.1	273.0	2936.6	25	857.9	369.9	131.5	6.6	44.5	5.9	74.6
30	RUBBER, MISC. PLASTICS PROD. . .	32.0	714.8	1323.5	76	(D)	34.1	(D)	(D)	(D)	(D)	-
31	LEATHER AND LEATHER PRODUCTS. .	2.3	26.1	65.2	11	.9	.9	.9	.4	.2	.2	-
32	STONE, CLAY, GLASS PRODUCTS. .	48.4	1054.0	1636.0	112	63.6	34.7	27.3	5.7	13.2	(D)	(D)
33	PRIMARY METAL INDUSTRIES. . . .	116.5	2372.2	5912.1	122	856.0	599.6	335.9	26.4	197.6	(D)	(D)
34	FABRICATED METAL PRODUCTS. . .	44.1	835.1	1603.8	77	22.6	8.3	8.3	6.1	1.0	1.1	-
35	MACHINERY, EXCEPT ELECTRICAL. .	87.4	1892.3	3970.5	52	66.8	42.8	42.7	4.7	18.2	1.2	18.6
36	ELECTRIC, ELECTRONIC EQUIP. . .	179.1	3537.9	6335.4	131	(D)	26.4	25.0	16.4	3.2	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . .	130.0	3330.6	8232.2	47	117.0	26.6	12.5	7.6	.6	4.3	-
38	INSTRUMENTS, RELATED PRODUCTS. .	29.8	662.0	1022.2	27	15.4	5.0	5.0	2.0	-	2.9	-
39	MISC. MANUFACTURING INDUSTRIES. .	11.6	309.9	491.6	14	9.7	1.9	1.7	1.6	-	.1	-
	SOUTH ATLANTIC (WUR)	830.9	16078.0	37093.4	1405	5087.5	1280.2	1097.4	208.0	533.6	343.6	12.0
20	FOOD AND KINDRED PRODUCTS. . .	71.6	1320.1	4610.3	272	178.7	79.4	71.3	23.2	8.5	39.4	-
21	TOBACCO PRODUCTS.	17.8	1203.0	2041.4	6	68.7	2.3	2.3	2.3	-	-	-
22	TEXTILE MILL PRODUCTS.	338.7	4063.3	10252.0	490	348.3	127.4	127.3	60.5	50.9	15.9	-
24	LUMBER AND WOOD PRODUCTS. . .	11.1	199.4	406.5	39	18.4	12.7	12.7	1.6	6.4	4.7	-
25	FURNITURE AND FIXTURES.	13.3	161.0	280.6	15	1.7	1.1	1.1	1.1	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	68.8	1799.8	3745.5	107	2530.1	679.4	577.5	(D)	333.8	174.5	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	63.6	2083.8	3956.6	153	1226.6	244.6	183.7	(D)	74.7	94.9	(D)
29	PETROLEUM AND COAL PRODUCTS. .	1.7	107.3	519.2	11	111.7	7.3	6.9	(D)	.5	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	21.5	492.0	1050.5	39	30.4	11.2	(D)	(D)	(D)	(D)	-
31	LEATHER AND LEATHER PRODUCTS. .	40.1	725.8	1853.1	56	63.1	21.1	11.5	3.4	3.6	4.4	-
32	STONE, CLAY, GLASS PRODUCTS. .	40.1	725.8	1853.1	56	63.1	21.1	11.5	3.4	3.6	4.4	-
33	PRIMARY METAL INDUSTRIES. . . .	11.9	251.2	465.1	29	5.0	2.9	2.9	2.3	-	.5	-
34	FABRICATED METAL PRODUCTS. . .	23.1	700.5	1251.6	29	37.9	11.2	11.2	2.6	8.1	.5	-
35	MACHINERY, EXCEPT ELECTRICAL. .	52.1	912.4	1538.5	57	25.8	7.0	7.0	4.7	.9	1.3	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	64.1	1276.7	4029.2	22	54.5	6.2	(D)	(D)	(D)	(D)	-
37	TRANSPORTATION EQUIPMENT. . .	6.7	117.5	187.0	8	1.9	.8	.8	(D)	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS. .	3.8	71.1	101.5	7	1.1	.4	.4	.4	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .											
	GREAT LAKES.	1658.3	42712.0	94418.8	1981	6545.2	3324.5	3263.9	350.5	2790.4	120.0	2.8
20	FOOD AND KINDRED PRODUCTS. . .	108.7	3263.9	8535.0	384	175.6	87.3	78.0	38.0	23.2	16.4	.3
22	TEXTILE MILL PRODUCTS.	5.9	107.2	223.1	14	3.3	2.0	2.0	.9	.9	.1	-
24	LUMBER AND WOOD PRODUCTS. . .	3.6	57.1	100.3	8	(D)	4.1	4.1	.6	3.3	.1	-
25	FURNITURE AND FIXTURES.	12.5	255.6	465.6	16	3.2	1.7	1.7	1.1	-	.6	-
26	PAPER AND ALLIED PRODUCTS. . .	46.5	990.9	2257.6	129	569.9	234.0	232.8	16.6	200.6	14.5	1.2
28	CHEMICALS AND ALLIED PRODUCTS. .	88.7	3392.4	5761.0	213	854.4	435.4	399.4	49.3	326.4	23.2	.5
29	PETROLEUM AND COAL PRODUCTS. .	13.1	649.2	3099.9	36	658.8	167.9	167.9	(D)	156.9	2.6	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	59.0	1309.9	2460.0	89	55.3	31.1	31.1	11.5	14.7	5.0	-
31	LEATHER AND LEATHER PRODUCTS. .	5.8	93.4	212.4	18	3.0	2.7	(D)	(D)	(D)	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. .	36.3	927.5	1531.2	85	79.6	56.2	49.8	8.2	39.1	2.6	-
33	PRIMARY METAL INDUSTRIES. . . .	255.9	5429.3	13023.4	241	3167.5	2113.8	2108.1	80.3	1984.6	(D)	(D)
34	FABRICATED METAL PRODUCTS. . .	163.7	3541.6	6756.1	272	109.2	35.5	35.3	26.9	5.8	2.6	-
35	MACHINERY, EXCEPT ELECTRICAL. .	193.2	4478.7	8632.3	169	81.9	26.4	(D)	(D)	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	193.2	4120.3	7480.2	132	86.2	23.7	(D)	(D)	(D)	(D)	-
37	TRANSPORTATION EQUIPMENT. . .	388.2	10834.2	29602.0	138	604.8	84.8	(D)	(D)	(D)	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS. .	74.9	3115.3	3993.3	25	(D)	16.1	16.1	(D)	13.1	(D)	-
39	MISC. MANUFACTURING INDUSTRIES. .	8.8	145.5	285.5	12	3.7	1.8	1.8	1.7	.1	-	-
	OHIO (WUR)	997.3	24273.4	50767.0	1246	4908.5	2288.2	2256.3	170.0	1884.5	193.0	8.6
20	FOOD AND KINDRED PRODUCTS. . .	50.4	1520.3	4257.2	190	94.5	35.0	(D)	(D)	(D)	(D)	-
21	TOBACCO PRODUCTS.	9.5	464.4	785.5	3	10.3	.8	.8	.8	-	-	-
22	TEXTILE MILL PRODUCTS.	7.8	108.6	273.8	14	3.5	3.1	(D)	(D)	(D)	(D)	-
24	LUMBER AND WOOD PRODUCTS. . .	2.2	29.9	70.8	12	1.2	.9	.9	.4	.4	.1	-
25	FURNITURE AND FIXTURES.	6.4	102.7	169.1	9	1.1	.9	(D)	(D)	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	19.0	404.9	843.4	62	227.0	72.0	72.0	2.9	35.5	33.6	-
28	CHEMICALS AND ALLIED PRODUCTS. .	72.4	3335.4	5517.8	155	1377.1	613.1	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2C. Gross Water Used and Water Intake, by Source and Kind, for Water Use Regions and Major Industry Groups: 1973—Continued

SIC code	Water Use Region (WUR) and major industry group	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	UNITED STATES, TOTAL	1395.6	14.2	446.1	131.4	803.7	1433.8	(D)	(D)	7.5
	NEW ENGLAND (WUR)	7.9	-	2.4	2.7	2.8	64.2	-	-	64.2
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	-	(D)	(D)	(D)	-	-	(D)
22	TEXTILE MILL PRODUCTS.	(D)	-	(D)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	-	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS. .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	1.4	-	1.4	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	(D)	-	-	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . . .	(D)	-	(D)	(D)	-	(D)	-	-	(D)
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	(D)	-	-	(D)
36	ELECTRIC, ELECTRONIC EQUIP. . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	-	-	-	-	-	2.1	-	-	2.1
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-
	MIDDLE ATLANTIC (WUR)	464.0	(D)	14.4	(D)	448.3	215.0	-	2.0	212.6
20	FOOD AND KINDRED PRODUCTS. . .	2.7	-	(D)	(D)	(D)	15.0	-	-	15.0
21	TOBACCO PRODUCTS.	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	-	-	-	-	-	(D)	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS. .	(D)	-	(D)	-	(D)	(D)	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	-	(D)	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	(D)	-	(D)	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . . .	(D)	-	(D)	.2	(D)	(D)	(D)	-	(D)
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	(D)	-	-	(D)	(D)	(D)	-	-	(D)
37	TRANSPORTATION EQUIPMENT. . . .	3.3	-	(D)	-	(D)	10.8	-	-	10.8
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	-	(D)	-	-	(D)	-	-	(D)
	SOUTH ATLANTIC (WUR)	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	(D)	(D)	-	(D)	-	-	(D)
21	TOBACCO PRODUCTS.	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	68.6	-	17.5	-	51.0	33.0	-	-	33.0
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS. .	(D)	-	-	(D)	(D)	(D)	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	-	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	2.0	-	(D)	(D)	-	7.6	-	-	7.6
33	PRIMARY METAL INDUSTRIES. . . .	.2	-	.2	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	(D)	-	-	-	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-
	GREAT LAKES.	56.6	8.7	45.2	2.6	-	4.0	(D)	-	2.5
20	FOOD AND KINDRED PRODUCTS. . .	9.2	(D)	(D)	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	1.2	-	.6	.6	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	(D)	-	(D)	(D)	-	(D)
29	PETROLEUM AND COAL PRODUCTS. .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	(D)	-	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	(D)	-	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . . .	5.7	(D)	3.3	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	.3	(D)	(D)	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	(D)	-	-	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	(D)	-	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	(D)	-	-	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-
	OHIO (WUR)	31.8	-	27.2	4.5	-	.2	-	-	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	-	(D)	-	-	-	-	-
21	TOBACCO PRODUCTS.	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	(D)	-	-	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	(D)	-	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	-	(D)	(D)	-	-	-	-	-

See footnotes at end of table.

TABLE 2C. Gross Water Used and Water Intake, by Source and Kind, for Water Use Regions and Major Industry Groups: 1973—Continued

SIC code	Water Use Region (WUR) and major industry group	Establishments reporting water intake				Gross water used, including recirculated (billion gallons)	Water intake, by kind					
		Number of employees ¹ (1,000)	Value added by manufacture ¹ (million dollars)	Value of shipments ¹ (million dollars)	Total (number)		Total (billion gallons)	Fresh water, by source				
								Total (billion gallons)	Public water system (billion gallons)	Company systems		
										Surface (billion gallons)	Ground (billion gallons)	Tidewater (billion gallons)
	OHIO (WUR)--CONTINUED											
29	PETROLEUM AND COAL PRODUCTS. . .	7.6	255.4	1388.3	35	332.1	35.2	(D)	(D)	(D)	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	37.3	834.0	1376.2	67	112.8	15.0	(D)	(D)	(D)	(D)	-
31	LEATHER AND LEATHER PRODUCTS. . .	1.9	32.1	61.6	3	.2	.2	0.2	0.1	0.1	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	61.1	1325.3	2000.4	120	97.0	34.1	33.7	3.8	(D)	6.2	(D)
33	PRIMARY METAL INDUSTRIES. . . .	235.0	5109.0	12887.7	197	2343.4	1394.2	1392.5	38.4	1308.0	43.4	2.6
34	FABRICATED METAL PRODUCTS. . . .	65.1	1409.8	2815.4	126	51.3	17.7	17.7	12.2	-	5.5	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	120.2	2516.3	4570.0	81	57.9	22.1	(D)	(D)	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	163.9	3625.2	6273.9	96	76.4	19.4	19.4	17.0	.3	2.1	-
37	TRANSPORTATION EQUIPMENT. . . .	122.0	2887.7	6980.0	57	114.2	21.2	21.1	14.2	1.6	5.4	-
38	INSTRUMENTS, RELATED PRODUCTS. . .	8.7	171.5	255.8	10	6.4	1.3	1.3	.7	-	.7	-
39	MISC. MANUFACTURING INDUSTRIES. . .	7.1	140.9	240.1	9	2.2	2.0	2.0	.8	(D)	(D)	-
	TENNESSEE (WUR).	171.2	3735.7	7758.0	262	1257.6	529.0	528.2	35.4	480.9	11.9	-
20	FOOD AND KINDRED PRODUCTS. . . .	6.8	148.3	645.1	35	9.0	3.8	3.8	2.7	.1	1.0	-
22	TEXTILE MILL PRODUCTS.	30.3	335.7	856.4	57	18.4	10.8	10.8	5.3	4.1	1.3	-
24	LUMBER AND WOOD PRODUCTS. . . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	(D)	-
25	FURNITURE AND FIXTURES.	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . . .	8.3	229.9	478.7	15	364.3	79.0	79.0	1.0	77.7	.4	-
28	CHEMICALS AND ALLIED PRODUCTS. . .	46.8	1255.4	2229.8	44	705.4	366.5	366.5	13.1	347.8	5.6	-
30	RUBBER, MISC. PLASTICS PROD. . .	6.6	165.2	318.8	14	17.3	11.5	11.5	2.3	8.2	1.0	-
31	LEATHER AND LEATHER PRODUCTS. . .	(D)	(D)	(D)	3	(D)	(D)	-	(D)	(D)	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	5.3	96.0	156.6	19	6.3	5.2	(D)	(D)	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES.	20.5	439.4	1215.7	26	115.9	45.3	45.3	5.2	39.2	.9	-
34	FABRICATED METAL PRODUCTS. . . .	9.0	161.2	284.0	9	2.1	1.2	(D)	(D)	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	6.3	180.2	311.2	8	1.4	.5	.5	.5	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	20.3	502.8	864.2	19	9.7	2.3	2.3	(D)	(D)	.3	-
37	TRANSPORTATION EQUIPMENT. . . .	6.4	130.8	235.0	5	1.5	1.3	1.3	1.3	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	-	-
39	MISC. MANUFACTURING INDUSTRIES. . .	1.6	16.5	35.3	3	.4	.4	.4	.4	-	-	-
	UPPER MISSISSIPPI.	533.0	13605.9	33087.1	787	1655.1	513.0	509.6	82.5	296.4	130.6	-
20	FOOD AND KINDRED PRODUCTS. . . .	89.6	2297.2	9906.5	307	270.4	122.2	120.2	26.3	42.7	51.3	-
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	5	(D)	(D)	(D)	(D)	-	(D)	-
24	LUMBER AND WOOD PRODUCTS. . . .	(D)	(D)	(D)	6	(D)	(D)	(D)	(D)	-	(D)	-
25	FURNITURE AND FIXTURES.	2.3	45.8	69.8	4	.2	.2	.2	.2	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	23.3	641.1	1189.6	45	301.0	110.4	110.4	4.9	93.5	12.0	-
28	CHEMICALS AND ALLIED PRODUCTS. . .	23.3	1161.4	2000.6	71	265.6	95.4	95.3	9.7	59.1	26.6	-
29	PETROLEUM AND COAL PRODUCTS. . .	3.7	175.3	959.8	5	241.3	15.7	15.7	.2	6.0	9.5	-
30	RUBBER, MISC. PLASTICS PROD. . .	17.8	462.8	810.2	28	21.5	10.5	(D)	(D)	(D)	(D)	-
31	LEATHER AND LEATHER PRODUCTS. . .	1.6	12.6	55.0	5	.6	.6	.6	.3	-	.3	-
32	STONE, CLAY, GLASS PRODUCTS. . .	15.9	383.2	612.2	35	27.3	18.4	17.9	1.4	13.5	3.0	-
33	PRIMARY METAL INDUSTRIES.	40.3	878.0	2020.0	58	258.9	69.0	69.0	4.4	58.3	6.3	-
34	FABRICATED METAL PRODUCTS. . . .	52.7	977.5	1737.4	75	16.8	12.9	12.9	6.3	1.3	5.3	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	117.6	3070.9	5349.2	71	117.9	37.1	36.6	7.8	21.3	7.4	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	45.9	885.6	1710.9	36	8.6	4.4	(D)	(D)	-	(D)	-
37	TRANSPORTATION EQUIPMENT. . . .	71.6	2098.6	5827.0	18	113.6	6.3	6.3	6.0	(D)	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS. . .	17.4	358.9	516.6	13	3.0	1.6	1.6	.6	(D)	(D)	-
39	MISC. MANUFACTURING INDUSTRIES. . .	3.1	46.1	71.0	5	.6	.6	.6	.3	-	.3	-
	LOWER MISSISSIPPI.	148.1	4234.2	11239.2	373	4042.3	1451.6	1146.3	(D)	927.7	195.0	(D)
20	FOOD AND KINDRED PRODUCTS. . . .	(D)	(D)	(D)	101	85.9	(D)	(D)	(D)	(D)	(D)	-
22	TEXTILE MILL PRODUCTS.	7.9	92.8	219.8	12	7.3	3.2	3.2	1.3	-	1.9	-
24	LUMBER AND WOOD PRODUCTS. . . .	5.8	98.0	188.7	21	7.9	7.0	(D)	(D)	(D)	(D)	-
25	FURNITURE AND FIXTURES.	3.4	41.5	74.1	3	.4	.3	(D)	(D)	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . . .	14.5	468.9	1021.2	28	399.6	138.3	138.3	.3	60.0	77.9	-
28	CHEMICALS AND ALLIED PRODUCTS. . .	26.6	1441.6	2624.6	92	1854.6	855.6	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . .	9.1	423.5	2882.1	23	1237.7	246.9	88.8	.4	65.7	22.7	-
30	RUBBER, MISC. PLASTICS PROD. . .	9.8	268.3	507.5	11	10.0	5.0	5.0	.9	.3	3.8	-
31	LEATHER AND LEATHER PRODUCTS. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	4.8	104.4	181.0	18	13.8	4.0	(D)	(D)	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES.	(D)	(D)	(D)	13	417.5	(D)	(D)	(D)	(D)	(D)	-
34	FABRICATED METAL PRODUCTS. . . .	8.9	145.4	254.0	20	2.4	2.3	2.3	1.0	-	1.2	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	5.9	127.7	227.1	7	.4	1.0	1.0	.8	-	.1	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	13.0	208.9	392.0	15	1.5	1.2	1.2	(D)	-	(D)	-
37	TRANSPORTATION EQUIPMENT. . . .	11.6	150.0	279.4	6	2.9	2.8	(D)	(D)	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
	SOURIS - RED - RAINY.	(D)	(D)	(D)	21	38.2	(D)	(D)	(D)	(D)	(D)	-
20	FOOD AND KINDRED PRODUCTS. . . .	2.6	54.2	238.7	17	(D)	2.8	2.8	(D)	(D)	(D)	-
26	PAPER AND ALLIED PRODUCTS. . . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
	MISSOURI (WUR).	158.4	4308.5	14775.4	318	566.0	133.3	120.5	33.3	47.8	39.3	-
20	FOOD AND KINDRED PRODUCTS. . . .	50.6	1201.4	7160.7	164	78.4	46.5	(D)	(D)	(D)	(D)	-
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES.	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	2.6	43.7	82.4	7	4.0	1.1	(D)	(D)	(D)	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS. . .	6.9	375.9	606.2	28	141.5	20.9	20.9	2.4	6.9	11.6	-
29	PETROLEUM AND COAL PRODUCTS. . .	3.7	190.3	980.4	19	207.2	28.2	28.2	2.1	21.6	4.5	-
30	RUBBER, MISC. PLASTICS PROD. . .	11.9	343.2	544.7	11	15.1	4.3	4.3	1.9	.3	2.1	-
31	LEATHER AND LEATHER PRODUCTS. . .	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	5.3	151.9	230.3	19	10.0	3.5	(D)	(D)	(D)	(D)	-

See footnotes at end of table.

TABLE 2C. Gross Water Used and Water Intake, by Source and Kind, for Water Use Regions and Major Industry Groups: 1973—Continued

SIC code	Water Use Region (WUR) and major industry group	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
OHIO (WUR)—CONTINUED										
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	-	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	-	-	(D)	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	(D)	-	-	(D)	-	(D)	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	-	(D)	(D)	-	(D)	-	-	(D)
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	(D)	-	-	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	0.1	-	-	0.1	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . .	-	-	-	-	-	-	-	-	-
TENNESSEE (WUR).										
		4.8	-	(D)	-	(D)	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES. . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	(D)	-	-	-	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . .	-	-	-	-	-	-	-	-	-
UPPER MISSISSIPPI.										
		3.3	(D)	2.7	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	2.0	-	(D)	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES. . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	-	(D)	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	.5	-	.5	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	.6	-	(D)	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . .	-	-	-	-	-	-	-	-	-
LOWER MISSISSIPPI.										
		302.3	-	293.5	7.4	1.5	3.0	-	3.0	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	(D)	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	-	(D)	-	-	-	-	-	-
25	FURNITURE AND FIXTURES. . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . .	(D)	-	(D)	1.6	(D)	3.0	-	3.0	-
29	PETROLEUM AND COAL PRODUCTS. . .	158.2	-	(D)	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	.6	-	-	(D)	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	-	-	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . .	-	-	-	-	-	-	-	-	-
SOURIS - RED - RAINY.										
		-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	-	-	-	-	-	-	-	-	-
MISSOURI (WUR).										
		12.8	-	11.0	1.7	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	(D)	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES. . .	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	-	-	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	(D)	(D)	-	-	-	-	-

See footnotes at end of table.

TABLE 2C. Gross Water Used and Water Intake, by Source and Kind, for Water Use Regions and Major Industry Groups: 1973—Continued

SIC code	Water Use Region (WUR) and major industry group	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	MISSOURI (WUR)--CONTINUED											
33	PRIMARY METAL INDUSTRIES . . .	7.2	227.5	756.4	10	28.7	19.6	19.6	2.1	17.4	0.3	-
34	FABRICATED METAL PRODUCTS . . .	13.9	202.7	344.6	11	9.6	2.6	2.6	1.8	-	.8	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	10.6	258.6	570.7	10	3.0	.6	.6	.4	.1	.1	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	22.2	385.7	888.4	19	(D)	1.8	1.8	1.5	-	.3	-
37	TRANSPORTATION EQUIPMENT . . .	16.2	744.2	2361.4	10	(D)	2.7	2.7	1.7	.2	.8	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	3.2	111.6	142.0	3	1.1	.6	.6	.3	(D)	(D)	-
39	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
	ARKANSAS, WHITE AND RED	154.4	3514.8	9564.7	321	1458.7	226.9	222.6	59.1	129.5	33.9	-
20	FOOD AND KINDRED PRODUCTS . . .	27.2	489.5	2671.9	102	25.7	17.3	(D)	(D)	(D)	(D)	-
22	TEXTILE MILL PRODUCTS	1.5	23.9	62.9	4	7.4	.6	.6	.6	-	-	-
24	LUMBER AND WOOD PRODUCTS	1.1	15.9	36.1	5	2.8	2.3	2.3	(D)	.3	(D)	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
26	PAPER AND ALLIED PRODUCTS	3.8	107.4	254.7	13	145.1	39.4	39.4	22.6	11.7	5.2	-
28	CHEMICALS AND ALLIED PRODUCTS . . .	10.0	367.5	669.7	51	361.2	36.2	26.2	(D)	(D)	0.6	-
29	PETROLEUM AND COAL PRODUCTS . . .	8.4	337.6	1970.1	30	643.9	24.4	23.0	10.1	1.5	11.4	-
30	RUBBER, MISC. PLASTICS PROD . . .	8.5	189.6	360.1	17	24.1	2.4	2.4	.9	-	1.1	-
32	STONE, CLAY, GLASS PRODUCTS . . .	6.4	165.2	240.4	31	18.9	4.3	4.3	1.0	2.7	.7	-
33	PRIMARY METAL INDUSTRIES	13.4	302.0	596.4	14	203.1	100.3	(D)	(D)	(D)	(D)	-
34	FABRICATED METAL PRODUCTS	14.6	195.4	428.9	16	5.9	2.3	2.3	1.0	.4	.9	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	15.1	365.1	642.1	15	3.7	1.3	1.3	(D)	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP	17.9	364.9	690.4	10	14.1	1.7	(D)	(D)	-	(D)	-
37	TRANSPORTATION EQUIPMENT	23.6	440.3	692.2	9	1.9	1.6	1.6	(D)	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	(D)	(D)	(D)	3	(D)	(D)	(D)	(D)	-	-	-
	TEXAS GULF	233.5	7458.5	19560.1	395	7573.1	1467.6	373.9	158.5	124.1	16.2	3.2
20	FOOD AND KINDRED PRODUCTS . . .	23.5	663.3	2347.4	97	47.4	19.6	16.5	9.1	5.4	4.0	-
22	TEXTILE MILL PRODUCTS	1.3	20.3	59.7	5	.5	.4	.4	(D)	-	(D)	-
24	LUMBER AND WOOD PRODUCTS	4.5	61.7	126.5	10	8.2	1.5	(D)	(D)	(D)	(D)	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	6.1	171.7	352.8	15	432.3	57.0	57.0	21.7	6.5	20.8	-
28	CHEMICALS AND ALLIED PRODUCTS . . .	39.4	2521.9	4810.0	106	2497.4	839.0	147.3	39.9	(D)	(D)	3.1
29	PETROLEUM AND COAL PRODUCTS . . .	(D)	(D)	(D)	34	2749.2	(D)	(D)	(D)	(D)	(D)	-
30	RUBBER, MISC. PLASTICS PROD . . .	4.2	144.3	261.0	11	20.7	1.9	1.9	.6	.3	1.0	-
32	STONE, CLAY, GLASS PRODUCTS . . .	8.0	225.6	358.3	37	22.2	6.6	5.6	.8	.9	3.9	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	15	(D)	(D)	(D)	(D)	(D)	(D)	-
34	FABRICATED METAL PRODUCTS	8.0	125.1	275.4	19	2.0	1.0	1.0	.9	-	.1	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	18.8	460.4	753.8	22	14.9	2.4	2.4	.9	.6	.3	-
36	ELECTRIC, ELECTRONIC EQUIP	31.5	540.7	855.6	10	(D)	2.3	2.3	2.0	-	.4	-
37	TRANSPORTATION EQUIPMENT	42.2	906.1	2072.5	10	(D)	14.6	(D)	(D)	-	.4	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	1.3	50.3	60.0	3	.7	.1	.1	.1	-	-	-
	RIO GRANDE	(D)	(D)	(D)	27	125.4	(D)	(D)	(D)	(D)	(D)	-
20	FOOD AND KINDRED PRODUCTS . . .	2.4	44.2	190.5	13	2.1	1.4	1.4	.6	-	.6	-
22	TEXTILE MILL PRODUCTS	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	-	-
33	PRIMARY METAL INDUSTRIES	1.9	58.4	213.5	5	7.7	.9	.9	(D)	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
	UPPER COLORADO . . . . .	.4	7.1	29.3	5	1.5	.7	.7	(D)	(D)	-	-
20	FOOD AND KINDRED PRODUCTS . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)	-	-
	LOWER COLORADO	42.5	996.5	2471.0	58	165.8	24.5	23.2	9.3	3.0	10.9	-
20	FOOD AND KINDRED PRODUCTS . . .	2.3	53.4	321.6	12	5.7	2.2	(D)	(D)	-	(D)	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)	-	-
26	PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS . . .	.6	23.5	44.0	6	10.7	3.1	3.1	(D)	(D)	.2	-
29	PETROLEUM AND COAL PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS . . .	1.1	26.1	46.6	9	1.3	.9	.9	.2	-	.6	-
33	PRIMARY METAL INDUSTRIES	6.9	195.4	1010.8	13	84.3	11.4	(D)	(D)	(D)	(D)	-
34	FABRICATED METAL PRODUCTS	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	5.2	224.5	278.5	4	3.5	.4	.4	.4	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	18.5	278.1	419.7	5	(D)	2.0	2.0	(D)	-	(D)	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
	GREAT BASIN	17.7	511.0	1471.7	48	478.5	34.4	20.0	5.5	6.0	8.4	-
20	FOOD AND KINDRED PRODUCTS . . .	2.3	41.5	144.9	16	4.0	2.6	2.6	.5	1.5	.6	-
28	CHEMICALS AND ALLIED PRODUCTS . . .	.7	14.0	23.4	7	9.8	8.1	.1	(D)	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS . . .	.6	41.8	206.2	4	310.7	3.1	2.7	1.8	-	.9	-
30	RUBBER, MISC. PLASTICS PROD . . .	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	.6	18.3	29.0	6	.8	.8	(D)	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES	7.6	235.5	843.7	8	152.1	19.2	(D)	(D)	(D)	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	1.7	44.2	54.3	3	.2	.1	.1	.1	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	(D)	(D)	(D)	1	(D)	(D)	(D)	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	-

See footnotes at end of table.

TABLE 2C. Gross Water Used and Water Intake, by Source and Kind, for Water Use Regions and Major Industry Groups: 1973—Continued

SIC code	Water Use Region (WUR) and major industry group	Water intake, by kind—Continued								
		Brackish water, by source					Salt water, by source			
		Total	Public water system	Company systems			Total	Public water system	Company systems	
				Surface	Ground	Tidewater			Surface	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	MISSOURI (WUR)—CONTINUED									
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . .	-	-	-	-	-	-	-	-	-
	ARKANSAS, WHITE AND RED.	4.9	1.0	1.2	2.7	-	1.5	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS . . .	(D)	-	(D)	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	-	-	(D)	-	(D)	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS . . .	1.4	1.0	(D)	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	-	(D)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	-	-	-	-	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
	TEXAS GULF	281.9	1.1	10.9	45.8	224.1	832.1	-	-	832.0
20	FOOD AND KINDRED PRODUCTS	(D)	(D)	(D)	-	-	(D)	-	-	(D)
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	-	(D)	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	112.2	-	(D)	(D)	(D)	579.5	-	-	579.5
29	PETROLEUM AND COAL PRODUCTS . . .	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD. . . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	(D)	-	(D)	-	-	(D)	-	-	(D)
33	PRIMARY METAL INDUSTRIES	(D)	-	-	(D)	(D)	(D)	-	-	(D)
34	FABRICATED METAL PRODUCTS	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	-	(D)	(D)	-	(D)	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
	RIO GRANDE	(D)	-	-	(D)	-	(D)	-	-	(D)
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	-	-	(D)	-	(D)	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
	UPPER COLORADO	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
	LOWER COLORADO	1.3	-	(D)	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS	(D)	-	(D)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	-	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	(D)	-	-	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . .	-	-	-	-	-	-	-	-	-
	GREAT BASIN.	11.1	-	4.2	6.9	-	3.3	-	3.3	-
20	FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	(D)	-	(D)	(D)	-	(D)	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS . . .	.4	-	-	.4	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . .	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	-	-	-	-	-	(D)	-	(D)	-
33	PRIMARY METAL INDUSTRIES	(D)	-	-	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 2C. Gross Water Used and Water Intake, by Source and Kind, for Water Use Regions and Major Industry Groups: 1973—Continued

SIC code	Water Use Region (WUR) and major industry group	Establishments reporting water intake				Gross water used, including recircu- lated	Water intake, by kind					
		Number of employ- ees ¹	Value added by manu- facture ¹	Value of shipments ¹	Total		Total	Fresh water, by source				
								Total	Public water system	Company systems		
										Surface	Ground	Tidewater
		(1,000)	(million dollars)	(million dollars)	(number)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	COLUMBIA - NORTH PACIFIC	165.5	4054.0	9547.6	409	1847.4	581.6	554.9	136.0	315.4	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	31.7	626.9	1817.2	152	81.9	41.4	40.8	9.7	3.3	27.7	-
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	1	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	33.2	773.4	1541.2	94	138.3	85.2	76.6	5.5	63.1	8.0	-
26	PAPER AND ALLIED PRODUCTS. . .	20.2	606.3	1280.7	43	1269.6	331.0	329.0	100.6	200.3	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	5.0	192.0	343.4	28	96.7	48.4	40.2	3.7	22.5	14.0	-
29	PETROLEUM AND COAL PRODUCTS. .	1.3	81.0	404.0	9	91.4	3.9	3.9	(D)	(D)	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	.2	4.1	10.7	3	(D)	(D)	(D)	(D)	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. .	1.9	47.5	90.4	16	6.9	5.5	(D)	(D)	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES. . . .	15.7	438.8	1300.8	36	152.9	61.3	54.0	6.4	23.1	24.5	-
34	FABRICATED METAL PRODUCTS. . .	1.9	35.5	58.2	7	.6	.6	(D)	(D)	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL .	2.4	42.7	86.6	5	1.5	.2	.2	.2	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	44.7	1048.6	2381.7	10	6.3	3.4	(D)	(D)	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS. .	6.4	144.9	208.4	3	.7	.5	(D)	(D)	-	(D)	-
	CALIFORNIA - SOUTH PACIFIC . . .	468.8	12171.5	25497.7	725	1655.9	433.0	215.8	102.5	34.5	62.9	15.9
20	FOOD AND KINDRED PRODUCTS. . .	70.2	1848.7	5554.7	258	223.6	136.9	47.5	17.2	1.6	28.7	-
22	TEXTILE MILL PRODUCTS.	2.8	61.9	146.4	12	1.7	1.3	1.3	1.2	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	9.4	221.8	432.1	30	71.0	37.9	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . .	6.7	154.8	346.9	34	290.9	48.0	38.1	21.6	-	8.7	7.8
28	CHEMICALS AND ALLIED PRODUCTS. .	12.9	628.7	1116.0	76	182.1	39.2	21.0	8.4	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. .	12.2	563.4	2760.7	33	655.7	112.6	34.7	26.5	.1	6.1	-
30	RUBBER, MISC. PLASTICS PROD. . .	10.7	284.1	487.2	18	12.0	2.3	2.3	(D)	(D)	1.2	-
31	LEATHER AND LEATHER PRODUCTS. .	.7	7.9	20.4	4	.2	.2	.2	.2	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	16.5	457.5	697.9	46	37.5	18.6	(D)	(D)	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES. . . .	12.6	223.1	691.9	27	43.8	11.0	(D)	(D)	-	(D)	-
34	FABRICATED METAL PRODUCTS. . .	21.3	415.6	692.4	63	14.6	5.2	(D)	4.6	-	.5	-
35	MACHINERY, EXCEPT ELECTRICAL .	23.6	501.8	890.8	18	9.6	2.8	(D)	(D)	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	56.5	1142.4	1826.1	44	29.2	4.4	4.4	4.3	-	.1	-
37	TRANSPORTATION EQUIPMENT . . .	199.4	5463.7	9523.2	48	82.7	11.7	9.7	7.9	1.6	.1	-
38	INSTRUMENTS, RELATED PRODUCTS. .	10.4	143.4	227.3	10	1.3	.6	.6	.6	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	2.3	52.7	81.6	4	.1	.1	.1	.1	-	-	-
	ALASKA	1.7	56.5	138.6	12	283.2	32.1	(D)	(D)	(D)	(D)	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	7	(D)	(D)	(D)	(D)	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	(D)	(D)	1	(D)	-	-	-	-	-	-
	HAWAII	8.7	157.5	447.2	27	106.3	56.0	(D)	(D)	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	7.9	129.7	319.2	22	85.9	53.5	30.3	.7	(D)	16.5	(D)
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	(D)	(D)	2	(D)	(D)	(D)	(D)	-	(D)	-
33	PRIMARY METAL INDUSTRIES. . . .	(D)	(D)	(D)	1	(D)	-	-	-	-	-	-

Note: Figures for Water Use Regions include data for all 2-digit major industry groups whether or not separate figures are shown for individual major groups.

TABLE 2C. Gross Water Used and Water Intake, by Source and Kind, for Water Use Regions and Major Industry Groups: 1973—Continued

SIC code	Water Use Region (WUR) and major industry group	Water intake, by kind—Continued									
		Brackish water, by source					Salt water, by source				
		Total	Public water system	Company systems			Total	Public water system	Company systems		
				Surface	Ground	Tidewater			Surface	Ground	Tidewater
		(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
	COLUMBIA - NORTH PACIFIC	13.4	(D)	(D)	-	9.1	13.3	-	-	-	13.3
20	FOOD AND KINDRED PRODUCTS. . .	.6	-	(D)	-	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	-	(D)	-	(D)	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . .	(D)	-	-	-	(D)	(D)	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	-	-	-	-	-	8.1	-	-	-	8.1
29	PETROLEUM AND COAL PRODUCTS. .	-	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	-	-	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	(D)
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	-	-	-	-	-	(D)	-	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-	-
	CALIFORNIA - SOUTH PACIFIC . . .	41.9	-	4.6	3.1	34.2	175.3	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	(D)	(D)	(D)	(D)	-	-	-	(D)
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	-	(D)	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	-	-	(D)	(D)	(D)	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	9.5	-	-	.4	9.1	8.6	-	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. .	17.9	-	-	-	17.9	60.2	-	-	-	60.2
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	-	-	-	-	-	(D)	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . . .	(D)	-	-	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	-	-	-	-	-	(D)	-	-	-	(D)
36	ELECTRIC, ELECTRONIC EQUIP. . .	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	-	-	-	-	-	2.0	-	-	-	2.0
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-	-
	ALASKA	-	-	-	-	-	(D)	-	-	-	(D)
20	FOOD AND KINDRED PRODUCTS. . .	-	-	-	-	-	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	-	-	-	-	-	-	-	-	-	-
	HAWAII	(D)	-	-	(D)	(D)	(D)	-	-	(D)	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	-	(D)	(D)	(D)	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS. .	-	-	-	-	-	(D)	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	-	-	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . .	-	-	-	-	-	-	-	-	-	-

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

¹See text and maps for definitions.²Source: 1972 Census of Manufactures.

TABLE 3A. Water Intake by Purpose and Kind, for Industry Groups and Industries: 1973

(Billion gallons)

SIC code	Industry group and industry	Total water intake	Fresh water						
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
					Steam electric power generation	Air conditioning	Other		
	ALL INDUSTRIES, TOTAL ¹ . . .	15 024.3	12194.9	3772.4	1980.1	278.0	5344.3	206.6	610.0
20	FOOD AND KINDRED PRODUCTS. . .	803.8	628.2	232.1	31.8	10.0	270.0	29.7	53.7
201	MEAT PRODUCTS.	108.6	107.3	64.5	1.0	2.8	23.8	7.8	7.3
2011	MEATPACKING PLANTS	69.3	68.1	36.1	(D)	(D)	19.8	4.7	4.6
2013	SAUSAGES AND OTHER PREPARED MEATS. .	7.6	7.6	3.2	-	.7	1.9	.5	1.2
2016	POULTRY DRESSING PLANTS.	28.5	28.5	22.8	(D)	(D)	1.9	2.3	1.2
2017	POULTRY AND EGG PROCESSING	3.1	3.1	2.3	-	-	.3	.2	.2
202	DAIRY PRODUCTS	43.3	42.9	11.4	.8	.6	19.8	3.7	6.3
2022	CHEESE, NATURAL AND PROCESSED. . . .	6.5	6.5	1.3	.1	-	3.8	.2	1.1
2023	CONDENSED AND EVAPORATED MILK. . . .	10.6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2026	FLUID MILK	21.4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
203	PRESERVED FRUITS AND VEGETABLES. . .	126.9	125.1	74.0	(D)	(D)	37.6	4.0	8.0
2032	CANNED SPECIALTIES	22.8	(D)	(D)	(D)	-	(D)	(D)	(D)
2033	CANNED FRUITS AND VEGETABLES	38.4	37.3	20.5	.2	.3	12.1	1.2	2.9
2034	DEHYD. FRUITS, VEGETABLES, SOUPS . .	6.3	6.3	5.3	-	(D)	.3	(D)	.4
2035	PICKLES, SAUCES, SALAD DRESSINGS . .	2.7	(D)	(D)	-	-	(D)	(D)	(D)
2037	FROZEN FRUITS AND VEGETABLES	50.4	50.4	27.0	.4	.1	18.9	1.4	2.5
2038	FROZEN SPECIALTIES	6.3	6.3	3.4	-	-	1.9	.6	.3
204	GRAIN MILL PRODUCTS.	79.7	70.7	13.4	6.1	1.7	42.2	1.4	5.9
2041	FLOUR, OTHER GRAIN MILL PRODUCTS . .	1.4	1.4	.9	-	.1	.1	.1	.2
2043	CEREAL BREAKFAST FOODS	5.3	5.3	1.0	(D)	.8	2.4	(D)	.6
2044	RICE MILLING . . . . .	.3	.3	.3	-	-	-	-	.1
2045	BLENDED AND PREPARED FLOUR . . . . .	.3	.3	.1	-	-	-	.1	-
2046	WET CORN MILLING	67.0	58.0	9.1	5.9	.6	37.3	.6	4.4
2047	DOG, CAT, AND OTHER PET FOOD	2.7	2.7	1.4	(D)	-	.6	(D)	.4
2048	PREPARED FEEDS, NEC.	2.6	2.6	.5	-	.1	1.8	-	.2
205	BAKERY PRODUCTS.	5.0	5.0	1.7	-	.2	1.4	1.1	.5
2051	BREAD, CAKE, AND RELATED PRODUCTS. .	2.8	2.8	1.5	-	-	.3	.6	.3
2052	COOKIES AND CRACKERS	2.2	2.2	.2	-	.1	1.1	.5	.3
206	SUGAR, CONFECTIONERY PRODUCTS. . .	198.8	124.6	19.2	12.6	1.1	81.0	2.0	8.6
2061	RAW CANE SUGAR	80.1	50.4	8.6	11.8	-	24.7	.3	4.9
2062	CANE SUGAR REFINING.	68.7	40.8	3.6	.4	.2	34.6	.4	1.6
2063	BET SUGAR	37.4	23.8	5.2	(D)	(D)	16.2	.3	1.5
2066	CHOCOLATE AND COCOA PRODUCTS . . .	9.0	(D)	(D)	-	(D)	(D)	(D)	(D)
207	FATS AND OILS.	39.1	35.8	2.8	4.3	.2	22.6	.9	5.0
2075	SOYBEAN OIL MILLS.	16.0	16.0	.6	(D)	-	11.5	(D)	1.5
2077	ANIMAL AND MARINE FATS AND OILS. . .	4.5	3.6	.9	-	-	1.9	.2	.5
2079	SHORTENING AND COOKING OILS.	14.1	13.4	1.1	(D)	.2	6.9	(D)	2.8
208	BEVERAGES.	100.3	95.4	34.3	5.9	2.0	34.5	7.9	10.5
2082	MALT BEVERAGES	61.9	58.0	21.0	5.2	1.0	17.5	6.1	7.2
2083	MALT	8.4	8.4	4.5	-	.7	3.1	.1	-
2084	WINES, BRANDY, AND BRANDY SPIRITS. .	2.0	2.0	.4	(D)	-	(D)	.3	.3
2085	DISTILLED LIQUOR, EXCEPT BRANDY. .	14.2	14.2	1.2	(D)	.3	11.2	(D)	.7
2086	BOTTLED AND CANNED SOFT DRINKS . . .	10.5	10.5	6.4	-	-	1.0	.8	2.0
2087	FLAVORING EXTRACTS, SIRUPS, NEC. . .	3.3	2.2	.8	-	-	(D)	(D)	.3
209	MISC. FOODS, KINDRED PRODUCTS. . .	102.2	21.4	10.8	(D)	(D)	7.0	.9	1.7
2092	FRESH OR FROZEN PACKAGED FISH. . . .	2.7	2.2	1.9	-	-	.1	.2	-
2095	ROASTED COFFEE	3.8	3.8	1.8	-	.3	1.1	.1	.4
2097	MANUFACTURED ICE	3.1	(D)	(D)	-	-	(D)	-	-
2098	MACARONI AND SPAGHETTI . . . . .	.1	.1	.1	-	-	-	-	-
21	TOBACCO PRODUCTS	5.4	5.4	1.9	.2	.8	1.1	.7	.7
2111	CIGARETTES	3.6	3.6	(D)	.2	(D)	(D)	.6	(D)
22	TEXTILE MILL PRODUCTS.	177.7	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2211	WEAVING MILLS, COTTON.	17.1	17.1	9.3	(D)	3.2	(D)	1.2	1.3
2221	WEAVING MILLS, MANMADE FIBER, SILK. .	23.5	23.5	13.7	(D)	2.1	4.6	(D)	1.6
2231	WEAVING AND FINISHING MILLS, WOOL. .	6.7	6.7	5.8	-	.1	.2	.1	.4
2241	NARROW FABRIC MILLS. . . . .	.4	.4	.2	-	.1	-	-	-
225	KNITTING MILLS	30.8	(D)	(D)	-	(D)	(D)	(D)	(D)
2251	WOMEN'S HOSIERY, EXCEPT SOCKS. . .	1.7	1.7	.8	-	.3	-	.1	.4
2252	HOSIERY, NEC . . . . .	.8	.8	.7	-	-	-	-	.1
2253	KNIT OUTERWEAR MILLS	2.8	2.8	2.2	-	-	-	.3	.2
2254	KNIT UNDERWEAR MILLS . . . . .	.8	.8	.6	-	-	-	-	.2
2257	CIRCULAR KNIT FABRIC MILLS	19.7	(D)	(D)	-	(D)	(D)	(D)	(D)
2258	WARP KNIT FABRIC MILLS	5.0	5.0	4.1	-	.3	.2	.1	.3
226	TEXTILE FINISHING, EXCEPT WOOL . . .	53.7	53.7	44.8	1.0	.8	2.5	.7	3.9
2261	FINISHING PLANTS, COTTON.	20.8	20.8	16.8	.7	.5	.9	.3	1.5
2262	FINISH. PLTS, MANMADE FIBER, SILK. .	24.4	24.4	20.7	.3	.2	1.2	.3	1.7
2269	FINISHING PLANTS, NEC.	8.5	8.5	7.2	-	.1	.4	.1	.7
227	FLOOR COVERING MILLS	18.9	18.9	15.5	-	.5	.7	.5	1.7
2271	WOVEN CARPETS AND RUGS	1.3	1.3	.8	-	.1	.2	.1	.2
2272	TUFTED CARPETS AND RUGS.	17.0	17.0	14.3	-	.4	.5	.4	1.4
2279	CARPETS AND RUGS, NEC. . . . .	.5	.5	.4	-	-	-	-	.1
228	YARN AND THREAD MILLS.	16.6	16.6	10.3	(D)	1.7	1.3	.8	(D)
2281	YARN MILLS, EXCEPT WOOL.	6.2	6.2	3.6	-	1.1	.4	.4	.5
2282	THROWING AND WINDING MILLS	4.4	4.4	2.9	.2	.3	.8	.1	.1
2283	WOOL YARN MILLS.	1.0	1.0	.8	-	.1	-	.1	.1
2284	THREAD MILLS	5.0	5.0	2.9	(D)	.2	.1	.1	(D)
229	MISCELLANEOUS TEXTILE GOODS.	10.0	(D)	(D)	-	(D)	(D)	(D)	(D)
2291	FELT GOODS, EXC. WOVEN FELT, HATS. .	.6	.6	.4	-	-	.1	-	.1
2294	PROCESSED TEXTILE WASTE.	1.2	1.2	1.1	-	-	-	-	.1
2295	COATED FABRICS, NOT RUBBERIZED . . .	3.4	3.4	(D)	-	(D)	(D)	(D)	(D)
2296	TIRE CORD AND FABRIC . . . . .	.8	.8	.1	-	.3	.2	.1	-
2297	NONWOVEN FABRICS	1.5	1.5	1.3	-	-	.1	.1	.1
2298	CORDAGE AND TWINE. . . . .	.4	.4	.1	-	-	.1	-	.1
2299	TEXTILE GOODS, NEC	1.9	1.9	1.0	-	.2	.4	.1	.2

See footnotes at end of table.

TABLE 3A. Water Intake by Purpose and Kind, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Brackish water						Salt water					
		Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
				Steam electric power generation	Other					Steam electric power generation	Other		
	ALL INDUSTRIES, TOTAL ¹ . . .	1395.6	68.7	379.0	929.2	1.0	17.5	1433.8	109.5	367.7	946.1	0.1	10.3
20	FOOD AND KINDRED PRODUCTS. . .	67.7	4.6	(D)	44.4	(D)	(D)	107.9	(D)	(D)	106.2	-	-
201	MEAT PRODUCTS.	1.2	(D)	-	(D)	-	-	-	-	-	-	-	-
2011	MEATPACKING PLANTS.	1.2	(D)	-	(D)	-	-	-	-	-	-	-	-
2013	SAUSAGES AND OTHER PREPARED MEATS.	-	-	-	-	-	-	-	-	-	-	-	-
2016	POULTRY DRESSING PLANTS.	-	-	-	-	-	-	-	-	-	-	-	-
2017	POULTRY AND EGG PROCESSING.	-	-	-	-	-	-	-	-	-	-	-	-
202	DAIRY PRODUCTS. . . . .	.5	-	-	.4	-	-	-	-	-	-	-	-
2022	CHEESE, NATURAL AND PROCESSED.	-	-	-	-	-	-	-	-	-	-	-	-
2023	CONDENSED AND EVAPORATED MILK.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
2026	FLUID MILK.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
203	PRESERVED FRUITS AND VEGETABLES. . . . .	.8	.5	-	.3	-	-	1.0	-	-	1.0	-	-
2032	CANNED SPECIALTIES.	(D)	(D)	-	(D)	-	-	-	-	-	-	-	-
2033	CANNED FRUITS AND VEGETABLES.	(D)	(D)	-	(D)	-	-	(D)	-	-	(D)	-	-
2034	DEHYD. FRUITS, VEGETABLES, SOUPS.	-	-	-	-	-	-	-	-	-	-	-	-
2035	PICKLES, SAUCES, SALAD DRESSINGS.	-	-	-	-	-	-	(D)	-	-	(D)	-	-
2037	FROZEN FRUITS AND VEGETABLES.	-	-	-	-	-	-	-	-	-	-	-	-
2038	FROZEN SPECIALTIES.	-	-	-	-	-	-	-	-	-	-	-	-
204	GRAIN MILL PRODUCTS.	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
2041	FLOUR, OTHER GRAIN MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
2043	CEREAL BREAKFAST FOODS.	-	-	-	-	-	-	-	-	-	-	-	-
2044	RICE MILLING.	-	-	-	-	-	-	-	-	-	-	-	-
2045	BLENDED AND PREPARED FLOUR.	-	-	-	-	-	-	-	-	-	-	-	-
2046	WET CORN MILLING.	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
2047	DOG, CAT, AND OTHER PET FOOD.	-	-	-	-	-	-	-	-	-	-	-	-
2048	PREPARED FEEDS, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
205	BAKERY PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
2051	BREAD, CAKE, AND RELATED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
2052	COOKIES AND CRACKERS.	-	-	-	-	-	-	-	-	-	-	-	-
206	SUGAR, CONFECTIONERY PRODUCTS.	(D)	(D)	(D)	(D)	-	(D)	(D)	-	(D)	(D)	-	-
2061	RAW CANE SUGAR.	29.7	(D)	(D)	(D)	-	-	-	-	-	-	-	-
2062	CANE SUGAR REFINING.	(D)	(D)	-	(D)	-	(D)	(D)	-	(D)	(D)	-	-
2063	BEET SUGAR.	13.6	(D)	-	(D)	-	-	-	-	-	-	-	-
2066	CHOCOLATE AND COCOA PRODUCTS.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
207	FATS AND OILS.	(D)	-	-	(D)	(D)	-	(D)	-	-	(D)	-	-
2075	SOYBEAN OIL MILLS.	-	-	-	-	-	-	-	-	-	-	-	-
2077	ANIMAL AND MARINE FATS AND OILS.	(D)	-	-	-	-	-	(D)	-	-	(D)	-	-
2079	SHORTENING AND COOKING OILS.	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
208	BEVERAGES. . . . .	.8	-	-	.8	-	-	4.1	-	-	4.1	-	-
2082	MALT BEVERAGES.	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
2083	MALT.	-	-	-	-	-	-	-	-	-	-	-	-
2084	WINES, BRANDY, AND BRANDY SPIRITS.	-	-	-	-	-	-	-	-	-	-	-	-
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	-	-	-	-	-	-	-	-	-	-	-	-
2086	BOTTLED AND CANNED SOFT DRINKS.	-	-	-	-	-	-	-	-	-	-	-	-
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
209	MISC. FOODS, KINDRED PRODUCTS.	(D)	-	-	(D)	-	-	(D)	(D)	-	(D)	-	-
2092	FRESH OR FROZEN PACKAGED FISH.	-	-	-	-	-	-	.5	(D)	-	(D)	-	-
2095	ROASTED COFFEE.	-	-	-	-	-	-	-	-	-	-	-	-
2097	MANUFACTURED ICE.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
2098	MACARONI AND SPAGHETTI.	-	-	-	-	-	-	-	-	-	-	-	-
21	TOBACCO PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
2111	CIGARETTES.	-	-	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	(D)	(D)	-	-	-	-	-	-	-	-	-	-
2211	WEAVING MILLS, COTTON.	-	-	-	-	-	-	-	-	-	-	-	-
2221	WEAVING MILLS, MANMADE FIBER, SILK.	-	-	-	-	-	-	-	-	-	-	-	-
2231	WEAVING AND FINISHING MILLS, WOOL.	-	-	-	-	-	-	-	-	-	-	-	-
2241	NARROW FABRIC MILLS.	-	-	-	-	-	-	-	-	-	-	-	-
225	KNITTING MILLS.	(D)	(D)	-	-	-	-	-	-	-	-	-	-
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	-	-	-	-	-	-	-	-	-	-	-	-
2252	HOSIERY, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
2253	KNIT OUTERWEAR MILLS.	-	-	-	-	-	-	-	-	-	-	-	-
2254	KNIT UNDERWEAR MILLS.	-	-	-	-	-	-	-	-	-	-	-	-
2257	CIRCULAR KNIT FABRIC MILLS.	(D)	(D)	-	-	-	-	-	-	-	-	-	-
2258	WARP KNIT FABRIC MILLS.	-	-	-	-	-	-	-	-	-	-	-	-
226	TEXTILE FINISHING, EXCEPT WOOL.	-	-	-	-	-	-	-	-	-	-	-	-
2261	FINISHING PLANTS, COTTON.	-	-	-	-	-	-	-	-	-	-	-	-
2262	FINISH. PLTS, MANMADE FIBER, SILK.	-	-	-	-	-	-	-	-	-	-	-	-
2269	FINISHING PLANTS, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
227	FLOOR COVERING MILLS.	-	-	-	-	-	-	-	-	-	-	-	-
2271	WOVEN CARPETS AND RUGS.	-	-	-	-	-	-	-	-	-	-	-	-
2272	TUFTED CARPETS AND RUGS.	-	-	-	-	-	-	-	-	-	-	-	-
2279	CARPETS AND RUGS, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
228	YARN AND THREAD MILLS.	-	-	-	-	-	-	-	-	-	-	-	-
2281	YARN MILLS, EXCEPT WOOL.	-	-	-	-	-	-	-	-	-	-	-	-
2282	THROWING AND WINDING MILLS.	-	-	-	-	-	-	-	-	-	-	-	-
2283	WOOL YARN MILLS.	-	-	-	-	-	-	-	-	-	-	-	-
2284	THREAD MILLS.	-	-	-	-	-	-	-	-	-	-	-	-
229	MISCELLANEOUS TEXTILE GOODS.	(D)	-	-	-	-	-	-	-	-	-	-	-
2291	FELT GOODS, EXC. WOVEN FELT, HATS.	-	-	-	-	-	-	-	-	-	-	-	-
2294	PROCESSED TEXTILE WASTE.	-	-	-	-	-	-	-	-	-	-	-	-
2295	COATED FABRICS, NOT RUBBERIZED.	-	-	-	-	-	-	-	-	-	-	-	-
2296	TIRE CORD AND FABRIC.	-	-	-	-	-	-	-	-	-	-	-	-
2297	NONWOVEN FABRICS.	-	-	-	-	-	-	-	-	-	-	-	-
2298	CORDAGE AND TWINE.	-	-	-	-	-	-	-	-	-	-	-	-
2299	TEXTILE GOODS, NEC.	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3A. Water Intake by Purpose and Kind, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Total water intake	Fresh water						
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
					Steam electric power generation	Air conditioning	Other		
24	LUMBER AND WOOD PRODUCTS . . .	159.8	148.2	77.5	32.6	0.5	17.1	1.9	18.6
242	SAWMILLS AND PLANING MILLS . . .	126.6	115.0	(D)	28.5	.1	9.2	(D)	8.2
2421	SAWMILLS, PLANING MILLS, GENERAL . .	123.3	(D)	(D)	(D)	-	(D)	(D)	(D)
2426	HARDWOOD DIMENSION AND FLOORING . .	(D)	(D)	-	(D)	-	(D)	-	(D)
243	MILLWORK, PLYWOOD, STRUC. MEMBS. .	18.7	18.7	3.2	(D)	(D)	4.2	(D)	8.4
2436	SOFTWOOD VENEER AND PLYWOOD . . .	10.8	10.8	2.8	1.9	-	3.9	.3	1.9
249	MISCELLANEOUS WOOD PRODUCTS . . .	14.0	14.0	6.1	(D)	(D)	(D)	.3	1.8
2491	WOOD PRESERVING . . .	.3	.3	-	-	-	(D)	-	(D)
2492	PARTICLEBOARD . . .	1.9	1.9	.3	-	-	1.1	.1	.4
2499	WOOD PRODUCTS, NEC . . .	11.8	11.8	5.8	(D)	-	2.4	.2	(D)
25	FURNITURE AND FIXTURES . . .	6.4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
251	HOUSEHOLD FURNITURE . . .	3.8	3.8	.8	(D)	(D)	.7	.2	(D)
2511	WOOD HOUSEHOLD FURNITURE . . .	2.1	2.1	-	(D)	-	.2	.1	(D)
2514	METAL HOUSEHOLD FURNITURE . . .	1.2	1.2	(D)	-	-	(D)	.1	-
2522	METAL OFFICE FURNITURE . . .	1.2	(D)	(D)	-	(D)	(D)	(D)	(D)
2531	PUBLIC BLDG., RELATED FURNITURE . .	.3	.3	.1	-	-	-	-	-
2542	METAL PARTITIONS AND FIXTURES . . .	.5	.5	.3	-	-	.1	.1	-
2591	DRAPERY HARDWARE, BLINDS, SHADES .	.6	.6	.2	-	-	.2	-	.1
26	PAPER AND ALLIED PRODUCTS . . .	2415.4	2294.5	1394.6	498.1	19.8	267.7	22.1	92.1
2611	PULPMILLS . . .	256.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2621	PAPERMILLS, EXCEPT BUILDING PAPER .	1277.9	1238.7	721.2	353.5	6.9	98.6	14.8	41.6
2631	PAPERBOARD MILLS . . .	770.4	696.4	428.6	91.5	8.9	124.4	4.6	38.4
264	MISC. CONVERTED PAPER PRODUCTS . .	82.9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2641	PAPER COATING AND GLAZING . . .	27.4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2643	BAGS, EXCEPT TEXTILE BAGS . . .	10.2	10.2	(D)	-	.4	1.5	.1	(D)
2645	DIE-CUT PAPER AND BOARD . . .	3.3	3.3	2.7	-	.1	(D)	.1	(D)
2646	PRESSED AND MOLDED PULP GOODS . . .	35.2	35.2	(D)	(D)	(D)	1.9	.1	.4
2647	SANITARY PAPER PRODUCTS . . .	6.4	(D)	(D)	-	(D)	(D)	(D)	(D)
265	PAPERBOARD CONTAINERS AND BOXES . .	5.6	5.6	1.3	(D)	(D)	2.2	.3	.4
2651	FOLDING PAPERBOARD BOXES . . .	1.8	1.8	(D)	(D)	-	.5	.1	(D)
2654	SANITARY FOOD CONTAINERS . . .	2.8	2.8	1.0	-	(D)	1.4	(D)	.1
2661	BUILDING PAPER AND BOARD MILLS . .	22.4	22.4	17.7	1.7	.1	1.3	.3	1.2
28	CHEMICALS AND ALLIED PRODUCTS . .	4176.2	2926.6	365.7	200.4	75.6	2106.9	27.1	150.7
281	INDUSTRIAL INORGANIC CHEMICALS . . .	807.9	592.2	99.7	87.2	3.2	375.2	6.7	20.0
2812	ALKALIES AND CHLORINE . . .	353.0	239.1	16.8	(D)	(D)	155.3	1.9	(D)
2819	INDUSTRIAL INORGANIC CHEM., NEC. . .	261.9	218.2	52.9	23.5	2.6	126.9	4.5	7.8
282	PLASTICS MATERIALS, SYNTHETICS . . .	567.6	539.9	70.6	32.3	52.4	350.5	4.4	29.7
2821	PLASTICS MATERIALS AND RESINS . . .	201.8	174.1	17.0	(D)	4.0	138.1	(D)	12.5
2824	ORGANIC FIBERS, NONCELLULOSIC . . .	248.7	248.7	31.0	26.3	43.8	137.5	2.0	8.1
283	DRUGS . . .	61.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2831	BIOLOGICAL PRODUCTS . . .	.9	.9	.3	-	.1	.2	.3	.1
2833	MEDICINALS AND BOTANICALS . . .	19.0	19.0	2.6	-	(D)	15.2	(D)	.8
2834	PHARMACEUTICAL PREPARATIONS . . .	41.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
284	SOAPS, CLEANERS, TOILET GOODS . . .	40.9	30.9	7.8	(D)	(D)	16.7	1.9	3.1
2841	SOAP AND OTHER DETERGENTS . . .	22.1	15.5	1.5	(D)	(D)	10.9	.3	1.9
2842	POLISHES AND SANITATION GOODS . . .	1.8	1.8	(D)	-	(D)	.7	.1	.1
2843	SURFACE ACTIVE AGENTS . . .	9.9	6.6	2.2	-	-	3.6	.1	.6
2844	TOILET PREPARATIONS . . .	7.1	7.0	(D)	-	(D)	1.5	1.3	.6
2851	PAINTS AND ALLIED PRODUCTS . . .	5.5	(D)	(D)	-	(D)	(D)	(D)	(D)
286	INDUSTRIAL ORGANIC CHEMICALS . . .	2219.8	1316.4	131.3	66.1	11.3	1031.7	7.1	68.6
2861	GUM AND WOOD CHEMICALS . . .	17.9	17.9	2.0	-	.1	14.2	.1	1.5
2865	CYCLIC CRUDES AND INTERMEDIATES . .	91.2	86.7	14.3	-	.3	65.0	.7	6.3
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC. .	2110.7	1211.7	114.9	66.1	10.9	952.5	6.3	61.0
287	AGRICULTURAL CHEMICALS . . .	298.3	220.9	22.8	7.7	1.1	167.4	1.7	20.1
2873	NITROGENOUS FERTILIZERS . . .	115.7	109.9	6.7	(D)	.3	91.4	(D)	9.2
2874	PHOSPHATIC FERTILIZERS . . .	129.8	68.0	10.9	.2	.7	47.0	.8	8.3
289	MISCELLANEOUS CHEMICAL PRODUCTS . .	175.1	160.2	24.9	5.4	.4	121.6	2.0	5.8
2891	ADHESIVES AND SEALANTS . . .	6.5	6.5	1.1	-	-	4.4	.1	.8
2892	EXPLOSIVES . . .	98.9	98.9	11.7	(D)	(D)	81.8	.9	1.6
2893	PRINTING INK . . .	.1	.1	-	-	-	.1	-	-
2895	CARBON BLACK . . .	13.7	13.7	4.0	-	-	8.4	.4	.9
2899	CHEMICAL PREPARATIONS, NEC . . .	55.8	40.9	8.0	(D)	(D)	27.0	.5	2.4
29	PETROLEUM AND COAL PRODUCTS . . .	1282.5	639.3	45.7	(D)	2.8	424.5	(D)	116.1
2911	PETROLEUM REFINING . . .	1278.0	634.9	44.0	(D)	2.7	423.3	(D)	115.0
295	PAVING AND ROOFING MATERIALS . . .	3.9	3.8	(D)	.2	-	(D)	.1	.9
2951	PAVING MIXTURES AND BLOCKS . . .	1.1	1.1	.5	-	-	-	-	.5
2952	ASPHALT FELTS AND COATINGS . . .	2.9	2.7	(D)	.2	-	(D)	.1	.4
299	MISC. PETROLEUM, COAL PRODUCTS . .	.6	.6	(D)	-	-	(D)	-	.1
2992	LUBRICATING OILS AND GREASES . . .	.4	.4	-	-	-	.2	-	.1
2999	PETROLEUM AND COAL PRODUCTS, NEC .	.2	.2	(D)	-	-	(D)	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	153.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3011	TIRES AND INNER TUBES . . .	36.3	36.3	5.4	.1	.8	24.2	1.5	4.3
3041	RUBBER, PLASTICS HOSE AND BELTING .	4.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3069	FABRICATED RUBBER PRODUCTS, NEC. .	31.3	31.0	3.1	.3	.7	22.8	.9	3.1
3079	MISCELLANEOUS PLASTICS PRODUCTS . .	78.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . . .	8.3	(D)	(D)	(D)	-	(D)	(D)	(D)
3111	LEATHER TANNING AND FINISHING . . .	7.6	(D)	(D)	(D)	-	(D)	(D)	(D)

See footnotes at end of table.

TABLE 3A. Water Intake by Purpose and Kind, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Brackish water						Salt water					
		Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
				Steam electric power generation	Other					Steam electric power generation	Other		
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-	(D)	-	-
242	SAWMILLS AND PLANING MILLS . . .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-	(D)	-	-
2421	SAWMILLS, PLANING MILLS, GENERAL .	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-	(D)	-	-
2426	HARDWOOD DIMENSION AND FLOORING .	(D)	-	-	-	-	(D)	-	-	-	-	-	-
243	MILLWORK, PLYWOOD, STRUC. MEMBS. .	-	-	-	-	-	-	-	-	-	-	-	-
2436	SOFTWOOD VENEER AND PLYWOOD . . .	-	-	-	-	-	-	-	-	-	-	-	-
249	MISCELLANEOUS WOOD PRODUCTS . . .	-	-	-	-	-	-	-	-	-	-	-	-
2491	WOOD PRESERVING	-	-	-	-	-	-	-	-	-	-	-	-
2492	PARTICLEBOARD	-	-	-	-	-	-	-	-	-	-	-	-
2499	WOOD PRODUCTS, NEC	-	-	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	-	-	(D)	-	-	-	-	-	-	-	-
251	HOUSEHOLD FURNITURE	-	-	-	-	-	-	-	-	-	-	-	-
2511	WOOD HOUSEHOLD FURNITURE	-	-	-	-	-	-	-	-	-	-	-	-
2514	METAL HOUSEHOLD FURNITURE	-	-	-	-	-	-	-	-	-	-	-	-
2522	METAL OFFICE FURNITURE	(D)	-	-	(D)	-	-	-	-	-	-	-	-
2531	PUBLIC BLDG., RELATED FURNITURE . .	-	-	-	-	-	-	-	-	-	-	-	-
2542	METAL PARTITIONS AND FIXTURES . . .	-	-	-	-	-	-	-	-	-	-	-	-
2591	DRAPERY HARDWARE, BLINDS, SHADES .	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	76.3	14.4	51.4	(D)	-	(D)	44.6	(D)	26.8	16.3	-	(D)
2611	PULPMILLS	-	-	-	-	-	-	(D)	(D)	(D)	(D)	-	(D)
2621	PAPERMILLS, EXCEPT BUILDING PAPER .	(D)	(D)	(D)	-	-	-	(D)	-	(D)	(D)	-	-
2631	PAPERBOARD MILLS	(D)	(D)	(D)	(D)	-	(D)	(D)	-	(D)	(D)	-	-
264	MISC. CONVERTED PAPER PRODUCTS . .	(D)	(D)	-	(D)	-	-	-	-	-	-	-	-
2641	PAPER COATING AND GLAZING	(D)	(D)	-	-	-	-	-	-	-	-	-	-
2643	BAGS, EXCEPT TEXTILE BAGS	-	-	-	-	-	-	-	-	-	-	-	-
2645	DIE-CUT PAPER AND BOARD	-	-	-	-	-	-	-	-	-	-	-	-
2646	PRESSED AND MOLDED PULP GOODS . . .	-	-	-	-	-	-	-	-	-	-	-	-
2647	SANITARY PAPER PRODUCTS	(D)	(D)	-	(D)	-	-	-	-	-	-	-	-
265	PAPERBOARD CONTAINERS AND BOXES . .	-	-	-	-	-	-	-	-	-	-	-	-
2651	FOLDING PAPERBOARD BOXES	-	-	-	-	-	-	-	-	-	-	-	-
2654	SANITARY FOOD CONTAINERS	-	-	-	-	-	-	-	-	-	-	-	-
2661	BUILDING PAPER AND BOARD MILLS . . .	-	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	471.3	25.8	112.4	332.2	-	0.9	778.4	(D)	251.5	494.6	-	(D)
281	INDUSTRIAL INORGANIC CHEMICALS . . .	136.9	(D)	(D)	125.8	-	-	78.8	15.8	(D)	39.4	-	(D)
2812	ALKALIES AND CHLORINE	77.8	1.4	(D)	68.8	-	-	36.1	(D)	(D)	14.5	-	-
2819	INDUSTRIAL INORGANIC CHEM., NEC. . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	(D)	-	-
282	PLASTICS MATERIALS, SYNTHETICS . . .	(D)	-	-	(D)	-	-	(D)	(D)	(D)	(D)	-	-
2821	PLASTICS MATERIALS AND RESINS . . .	(D)	-	-	(D)	-	-	(D)	-	(D)	(D)	-	-
2824	ORGANIC FIBERS, NONCELLULOSIC . . .	-	-	-	-	-	-	-	-	-	-	-	-
283	DRUGS	-	-	-	-	-	-	(D)	(D)	-	-	-	-
2831	BIOLOGICAL PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
2833	MEDICINALS AND BOTANICALS	-	-	-	-	-	-	-	-	-	-	-	-
2834	PHARMACEUTICAL PREPARATIONS	-	-	-	-	-	-	(D)	(D)	-	-	-	-
284	SOAPS, CLEANERS, TOILET GOODS . . .	(D)	-	(D)	(D)	-	-	(D)	-	-	(D)	-	-
2841	SOAP AND OTHER DETERGENTS	(D)	-	(D)	(D)	-	-	(D)	-	-	(D)	-	-
2842	POLISHES AND SANITATION GOODS . . .	-	-	-	-	-	-	-	-	-	-	-	-
2843	SURFACE ACTIVE AGENTS	3.3	-	-	3.3	-	-	-	-	-	-	-	-
2844	TOILET PREPARATIONS	-	-	-	-	-	-	-	-	-	-	-	-
2851	PAINTS AND ALLIED PRODUCTS	(D)	-	-	(D)	-	-	-	-	-	-	-	-
286	INDUSTRIAL ORGANIC CHEMICALS . . .	254.1	(D)	(D)	147.4	-	(D)	649.3	1.7	(D)	(D)	-	(D)
2861	GUM AND WOOD CHEMICALS	-	-	-	-	-	-	-	-	-	-	-	-
2865	CYCLIC CRUDES AND INTERMEDIATES . .	4.3	-	-	4.2	-	-	.2	-	-	.2	-	-
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC. .	249.9	(D)	(D)	143.1	-	(D)	649.1	1.7	(D)	(D)	-	(D)
287	AGRICULTURAL CHEMICALS	(D)	(D)	(D)	(D)	-	(D)	(D)	-	-	(D)	-	-
2873	NITROGENOUS FERTILIZERS	(D)	-	(D)	(D)	-	(D)	(D)	-	-	(D)	-	-
2874	PHOSPHATIC FERTILIZERS	(D)	(D)	-	(D)	-	(D)	(D)	-	-	(D)	-	-
289	MISCELLANEOUS CHEMICAL PRODUCTS . .	5.6	(D)	-	3.3	-	(D)	9.3	9.3	-	-	-	-
2891	ADHESIVES AND SEALANTS	-	-	-	-	-	-	-	-	-	-	-	-
2892	EXPLOSIVES	-	-	-	-	-	-	-	-	-	-	-	-
2893	PRINTING INK	-	-	-	-	-	-	-	-	-	-	-	-
2895	CARBON BLACK	-	-	-	-	-	-	-	-	-	-	-	-
2899	CHEMICAL PREPARATIONS, NEC	5.6	(D)	-	3.3	-	(D)	9.3	9.3	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	462.7	(D)	(D)	(D)	(D)	(D)	180.6	(D)	(D)	173.3	-	(D)
2911	PETROLEUM REFINING	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
295	PAVING AND ROOFING MATERIALS . . .	(D)	-	-	-	-	-	(D)	-	-	(D)	-	-
2951	PAVING MIXTURES AND BLOCKS	-	-	-	-	-	-	-	-	-	-	-	-
2952	ASPHALT FELTS AND COATINGS	(D)	-	-	-	-	-	(D)	-	-	(D)	-	-
299	MISC. PETROLEUM, COAL PRODUCTS . . .	-	-	-	-	-	-	-	-	-	-	-	-
2992	LUBRICATING OILS AND GREASES	-	-	-	-	-	-	-	-	-	-	-	-
2999	PETROLEUM AND COAL PRODUCTS, NEC . .	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	-	(D)	-	(D)	-	-	-	-	-	-
3011	TIRES AND INNER TUBES	-	-	-	-	-	-	-	-	-	-	-	-
3041	RUBBER, PLASTICS HOSE AND BELTING .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3069	FABRICATED RUBBER PRODUCTS, NEC. . .	.3	-	-	.3	-	-	-	-	-	-	-	-
3079	MISCELLANEOUS PLASTICS PRODUCTS . .	(D)	(D)	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . .	(D)	-	-	-	-	(D)	-	-	-	-	-	-
3111	LEATHER TANNING AND FINISHING . . .	(D)	-	-	-	-	(D)	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3A. Water Intake by Purpose and Kind, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Total water intake	Fresh water						
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
					Steam electric power generation	Air conditioning	Other		
32	STONE, CLAY, GLASS PRODUCTS. . .	219.4	178.7	58.0	46.7	3.2	54.7	4.7	11.3
3211	FLAT GLASS.	32.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
322	GLASS, PRESSED OR BLOWN.	23.7	23.1	8.0	(D)	(D)	11.8	1.3	1.2
3221	GLASS CONTAINERS.	12.6	12.0	3.3	(D)	(D)	7.4	.6	.6
3229	PRESSED AND BLOWN GLASS, NEC.	11.1	11.1	4.7	(D)	(D)	4.4	.7	.6
3231	PRODUCTS OF PURCHASED GLASS.	6.1	6.1	1.6	(D)	.5	1.5	(D)	1.0
3241	CEMENT, HYDRAULIC.	73.3	64.2	11.3	27.3	.3	21.7	.7	2.9
325	STRUCTURAL CLAY PRODUCTS. . . . .	.7	.7	.2	-	-	.4	.1	.1
3255	CLAY REFRACTORIES. . . . .	.6	.6	.2	-	-	.3	-	-
326	POTTERY AND RELATED PRODUCTS.	3.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3261	VITREOUS PLUMBING FIXTURES.	1.4	(D)	(D)	(D)	-	(D)	(D)	(D)
3262	VITREOUS CHINA FOOD UTENSILS. . . . .	.4	.4	.2	-	-	-	.1	.1
3263	FINE EARTHENWARE FOOD UTENSILS. . . . .	.1	.1	.1	-	-	-	-	-
3264	PORCELAIN ELECTRICAL SUPPLIES.	1.2	1.2	.4	-	(D)	.3	(D)	.1
327	CONCRETE, GYPSUM, PLASTER PRODS.	27.2	23.1	18.3	-	-	3.0	.4	1.3
3271	CONCRETE BLOCK AND BRICK. . . . .	.4	.4	.3	-	-	-	-	.1
3272	CONCRETE PRODUCTS, NEC. . . . .	.7	.7	.4	-	-	-	-	.2
3273	READY-MIXED CONCRETE.	14.4	13.3	12.4	-	-	(D)	(D)	.6
3274	LIME.	6.0	(D)	(D)	-	-	(D)	(D)	(D)
3275	GYPSUM PRODUCTS.	5.6	(D)	(D)	-	-	(D)	(D)	(D)
3281	CUT STONE AND STONE PRODUCTS.	1.8	(D)	(D)	-	-	-	-	-
329	MISC. NONMETALLIC MINERAL PRODS.	51.4	25.6	11.8	1.3	.7	8.7	1.3	1.8
3291	ABRASIVE PRODUCTS.	5.3	5.3	2.0	(D)	.4	2.2	.4	(D)
3292	ASBESTOS PRODUCTS.	6.4	(D)	(D)	(D)	-	(D)	(D)	(D)
3293	GASKETS, PACKING, SEALING DEVICES.	1.9	1.9	.3	(D)	-	.3	(D)	.6
3295	MINERALS, GROUND OR TREATED.	23.8	(D)	(D)	-	-	(D)	(D)	(D)
3296	MINERAL WOOL.	5.4	4.4	2.0	-	.3	1.5	.2	.4
3297	NONCLAY REFRACTORIES.	1.6	(D)	(D)	-	-	(D)	-	-
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	7.0	(D)	(D)	-	-	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES.	4941.2	4395.6	1190.7	1083.4	74.4	1916.8	42.7	87.1
331	BLAST FURNACE, BASIC STEEL PROD.	4249.6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3312	BLAST FURNACES AND STEEL MILLS.	4012.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3316	COLD FINISHING OF STEEL SHAPES.	14.2	14.2	6.3	-	.1	(D)	.3	(D)
332	IRON AND STEEL FOUNDRIES.	57.9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3321	GRAY IRON FOUNDRIES.	47.2	(D)	(D)	-	(D)	(D)	(D)	(D)
3325	STEEL FOUNDRIES, NEC.	7.0	6.9	2.0	-	.2	3.9	.6	.3
333	PRIMARY NONFERROUS METALS.	532.9	262.9	41.8	144.4	3.2	59.2	2.9	11.3
3331	PRIMARY COPPER.	50.2	24.0	14.1	.8	-	7.0	.5	1.5
3332	PRIMARY LEAD.	7.4	7.4	(D)	-	-	(D)	.2	.1
3334	PRIMARY ALUMINUM.	175.6	175.3	(D)	(D)	(D)	28.8	1.7	(D)
3341	SECONDARY NONFERROUS METALS.	3.1	(D)	(D)	(D)	-	(D)	(D)	(D)
335	NONFERROUS ROLLING AND DRAWING.	85.3	83.8	32.3	3.6	1.7	40.7	3.1	2.4
3351	COPPER ROLLING AND DRAWING.	30.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3353	ALUMINUM SHEET, PLATE, AND FOIL.	24.8	(D)	(D)	-	(D)	(D)	(D)	(D)
3354	ALUMINUM EXTRUDED PRODUCTS.	6.1	6.1	2.8	-	-	2.4	.8	.1
3355	ALUMINUM ROLLING AND DRAWING, NEC.	2.9	2.9	(D)	-	-	(D)	.1	-
3356	NONFERROUS ROLLING & DRAWING, NEC.	7.6	7.1	1.7	(D)	(D)	3.9	.5	.4
3357	NONFERROUS WIREDRAWING, INSULATING.	13.2	13.0	5.9	-	.3	5.4	.6	.8
336	NONFERROUS FOUNDRIES.	7.3	7.3	1.8	(D)	(D)	4.6	.3	.2
3361	ALUMINUM FOUNDRIES.	5.3	5.3	1.0	(D)	(D)	3.6	.3	.1
3362	BRASS, BRONZE, COPPER FOUNDRIES. . . . .	.5	.5	.1	-	-	.3	-	-
3369	NONFERROUS FOUNDRIES, NEC.	1.5	1.5	0.7	-	-	0.7	-	-
339	MISC. PRIMARY METAL PRODUCTS.	5.2	4.1	1.9	-	-	1.8	(D)	(D)
3398	METAL HEAT TREATING.	3.2	(D)	(D)	-	-	(D)	(D)	(D)
3399	PRIMARY METAL PRODUCTS, NEC.	2.0	(D)	(D)	-	-	(D)	(D)	-
34	FABRICATED METAL PRODUCTS.	107.3	106.9	51.9	2.9	3.0	29.4	9.3	10.2
341	METAL CANS, SHIPPING CONTAINERS.	4.9	4.9	2.3	(D)	(D)	1.8	.5	.2
3411	METAL CANS.	4.1	4.1	1.7	(D)	(D)	1.6	.5	.2
3412	METAL BARRELS, DRUMS, AND PAILS. . . . .	.8	.8	.6	-	-	.2	-	-
342	CUTLERY, HANDTOOLS AND HARDWARE.	15.3	(D)	(D)	-	(D)	(D)	(D)	(D)
3421	CUTLERY.	4.8	4.8	4.5	-	-	.2	.1	-
3423	HAND AND EDGE TOOLS, NEC.	1.5	(D)	(D)	-	-	(D)	(D)	(D)
3425	HANDSAWS AND SAW BLADES. . . . .	.6	.6	.2	-	.2	.1	-	-
3429	HARDWARE, NEC.	8.4	8.4	5.1	-	(D)	1.9	.6	(D)
343	PLUMBING, HEATING, EXCEPT ELEC.	4.0	(D)	(D)	-	-	(D)	(D)	(D)
3431	METAL SANITARY WARE.	1.4	1.4	.6	-	-	.4	.2	.2
3432	PLUMBING FITTINGS AND BRASS GOODS. . . . .	.7	(D)	(D)	-	-	(D)	-	(D)
3433	HEATING EQUIPMENT, EXC. ELECTRIC.	1.8	1.8	1.1	-	-	.4	(D)	(D)
344	FABRICATED STRUC. METAL PRODS.	8.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3441	FABRICATED STRUCTURAL METAL.	1.0	(D)	(D)	-	-	(D)	(D)	(D)
3442	METAL DOORS, SASH, AND TRIM.	2.3	2.3	1.6	(D)	-	.4	(D)	-
3443	FABRICATED PLATEWORK, BOILER SHOP.	2.8	(D)	(D)	-	(D)	(D)	(D)	(D)
3444	SHEET METALWORK.	1.2	1.2	.5	-	.1	.5	.1	.1
3449	MISCELLANEOUS METALWORK. . . . .	.4	.4	.2	-	-	.1	.1	-
345	SCREW MACHINE PROD., BOLTS, ETC.	5.9	5.9	(D)	-	(D)	(D)	(D)	(D)
346	METAL FORGINGS AND STAMPINGS.	23.8	23.8	9.5	(D)	.4	6.6	2.6	(D)
3462	IRON AND STEEL FORGINGS.	6.2	6.2	3.0	-	-	1.4	.6	1.2
3463	NONFERROUS FORGINGS.	1.9	1.9	1.1	-	-	.6	.1	.2
3465	AUTOMOTIVE STAMPINGS.	11.3	11.3	3.3	(D)	.2	3.1	1.7	(D)
3466	CROWNS AND CLOSURES. . . . .	.2	.2	-	-	-	.2	-	-
3469	METAL STAMPINGS, NEC.	4.1	4.1	2.1	-	.1	1.3	.3	.3

See footnotes at end of table.

TABLE 3A. Water Intake by Purpose and Kind, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Brackish water						Salt water					
		Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
				Steam electric power generation	Other					Steam electric power generation	Other		
32	STONE, CLAY, GLASS PRODUCTS..	(D)	(D)	-	(D)	-	(D)	(D)	(D)	(D)	(D)	-	(D)
3211	FLAT GLASS	(D)	(D)	-	-	-	-	-	-	-	-	-	-
322	GLASS, PRESSED OR BLOWN.	0.6	(D)	-	(D)	-	-	-	-	-	-	-	-
3221	GLASS CONTAINERS .....	.6	(D)	-	(D)	-	-	-	-	-	-	-	-
3229	PRESSED AND BLOWN GLASS, NEC ..	-	-	-	-	-	-	-	-	-	-	-	-
3231	PRODUCTS OF PURCHASED GLASS.	-	-	-	-	-	-	-	-	-	-	-	-
3241	CEMENT, HYDRAULIC.	5.8	2.2	-	(D)	-	(D)	3.4	-	(D)	-	-	(D)
325	STRUCTURAL CLAY PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
3255	CLAY REFRACTORIES.	-	-	-	-	-	-	-	-	-	-	-	-
326	POTTERY AND RELATED PRODUCTS ..	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3261	VITREOUS PLUMBING FIXTURES	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3262	VITREOUS CHINA FOOD UTENSILS ..	-	-	-	-	-	-	-	-	-	-	-	-
3263	FINE EARTHENWARE FOOD UTENSILS ..	-	-	-	-	-	-	-	-	-	-	-	-
3264	PORCELAIN ELECTRICAL SUPPLIES.	-	-	-	-	-	-	-	-	-	-	-	-
327	CONCRETE, GYPSUM, PLASTER PRODS.	2.0	1.3	-	(D)	-	(D)	2.1	(D)	-	(D)	-	(D)
3271	CONCRETE BLOCK AND BRICK	-	-	-	-	-	-	-	-	-	-	-	-
3272	CONCRETE PRODUCTS, NEC	-	-	-	-	-	-	-	-	-	-	-	-
3273	READY-MIXED CONCRETE	1.0	(D)	-	-	-	(D)	.2	0.2	-	-	-	-
3274	LIME	(D)	(D)	-	(D)	-	-	-	-	-	-	-	-
3275	GYPSUM PRODUCTS.	(D)	(D)	-	(D)	-	-	1.9	(D)	-	(D)	-	(D)
3281	CUT STONE AND STONE PRODUCTS	(D)	(D)	-	-	-	-	-	-	-	-	-	-
329	MISC. NONMETALLIC MINERAL PRODS.	1.7	(D)	-	(D)	-	(D)	24.1	(D)	-	(D)	-	-
3291	ABRASIVE PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
3292	ASBESTOS PRODUCTS.	(D)	(D)	-	-	-	-	-	-	-	-	-	-
3293	GASKETS, PACKING, SEALING DEVICES.	-	-	-	-	-	-	-	-	-	-	-	-
3295	MINERALS, GROUND OR TREATED.	-	-	-	-	-	-	(D)	(D)	-	(D)	-	-
3296	MINERAL WOOL	1.0	-	-	(D)	-	(D)	-	-	-	-	-	-
3297	NONCLAY REFRACTORIES	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	-	-	-	-	-	-	(D)	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
331	BLAST FURNACE, BASIC STEEL PROD.	(D)	(D)	(D)	(D)	(D)	(D)	.7	.1	-	0.6	-	-
3312	BLAST FURNACES AND STEEL MILLS ..	(D)	(D)	(D)	(D)	(D)	(D)	.7	.1	-	.6	-	-
3316	COLD FINISHING OF STEEL SHAPES ..	-	-	-	-	-	-	-	-	-	-	-	-
332	IRON AND STEEL FOUNDRIES	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3321	GRAY IRON FOUNDRIES.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3325	STEEL FOUNDRIES, NEC	-	-	-	-	-	-	-	-	-	-	-	-
333	PRIMARY NONFERROUS METALS.	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-	(D)
3331	PRIMARY COPPER	(D)	(D)	(D)	3.9	-	(D)	(D)	(D)	(D)	(D)	-	(D)
3332	PRIMARY LEAD	-	-	-	-	-	-	-	-	-	-	-	-
3334	PRIMARY ALUMINUM .....	.3	-	-	(D)	-	(D)	-	-	-	-	-	-
3341	SECONDARY NONFERROUS METALS.	(D)	(D)	-	-	-	-	-	-	-	-	-	-
335	NONFERROUS ROLLING AND DRAWING ..	1.5	.3	-	(D)	-	(D)	-	-	-	-	-	-
3351	COPPER ROLLING AND DRAWING	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3353	ALUMINUM SHEET, PLATE, AND FOIL.	(D)	-	-	-	-	(D)	-	-	-	-	-	-
3354	ALUMINUM EXTRUDED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
3355	ALUMINUM ROLLING AND DRAWING, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
3356	NONFERROUS ROLLING & DRAWING, NEC. ....	.5	-	-	.5	-	-	-	-	-	-	-	-
3357	NONFERROUS WIREDRAWING, INSULATING. ....	.3	.3	-	-	-	-	-	-	-	-	-	-
336	NONFERROUS FOUNDRIES	-	-	-	-	-	-	-	-	-	-	-	-
3361	ALUMINUM FOUNDRIES	-	-	-	-	-	-	-	-	-	-	-	-
3362	BRASS, BRONZE, COPPER FOUNDRIES.	-	-	-	-	-	-	-	-	-	-	-	-
3369	NONFERROUS FOUNDRIES, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
339	MISC. PRIMARY METAL PRODUCTS ..	1.1	.9	-	(D)	-	(D)	-	-	-	-	-	-
3398	METAL HEAT TREATING.	(D)	(D)	-	(D)	-	-	-	-	-	-	-	-
3399	PRIMARY METAL PRODUCTS, NEC.	(D)	(D)	-	(D)	-	(D)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. ....	.4	(D)	-	(D)	-	-	-	-	-	-	-	-
341	METAL CANS, SHIPPING CONTAINERS.	-	-	-	-	-	-	-	-	-	-	-	-
3411	METAL CANS	-	-	-	-	-	-	-	-	-	-	-	-
3412	METAL BARRELS, DRUMS, AND PAILS.	-	-	-	-	-	-	-	-	-	-	-	-
342	CUTLERY, HANDTOOLS AND HARDWARE.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3421	CUTLERY	-	-	-	-	-	-	-	-	-	-	-	-
3423	HAND AND EDGE TOOLS, NEC	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3425	HANDSAWS AND SAW BLADES.	-	-	-	-	-	-	-	-	-	-	-	-
3429	HARDWARE, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
343	PLUMBING, HEATING, EXCEPT ELEC.	(D)	(D)	-	-	-	-	-	-	-	-	-	-
3431	METAL SANITARY WARE.	-	(D)	-	-	-	-	-	-	-	-	-	-
3432	PLUMBING FITTINGS AND BRASS GOODS.	(D)	(D)	-	-	-	-	-	-	-	-	-	-
3433	HEATING EQUIPMENT, EXC. ELECTRIC ..	-	-	-	-	-	-	-	-	-	-	-	-
344	FABRICATED STRUC. METAL PRODS.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3441	FABRICATED STRUCTURAL METAL.	(D)	-	-	-	-	-	-	-	-	-	-	-
3442	METAL DOORS, SASH, AND TRIM.	-	-	-	-	-	-	-	-	-	-	-	-
3443	FABRICATED PLATEWORK, BOILER SHOP.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3444	SHEET METALWORK.	-	-	-	-	-	-	-	-	-	-	-	-
3449	MISCELLANEOUS METALWORK.	-	-	-	-	-	-	-	-	-	-	-	-
345	SCREW MACHINE PROD., BOLTS, ETC.	-	-	-	-	-	-	-	-	-	-	-	-
346	METAL FORGINGS AND STAMPINGS ..	-	-	-	-	-	-	-	-	-	-	-	-
3462	IRON AND STEEL FORGINGS.	-	-	-	-	-	-	-	-	-	-	-	-
3463	NONFERROUS FORGINGS.	-	-	-	-	-	-	-	-	-	-	-	-
3465	AUTOMOTIVE STAMPINGS	-	-	-	-	-	-	-	-	-	-	-	-
3466	CROWNS AND CLOSURES.	-	-	-	-	-	-	-	-	-	-	-	-
3469	METAL STAMPINGS, NEC	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3A. Water Intake by Purpose and Kind, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Total water intake	Fresh water					
			Total	Process	Cooling and condensing			Sanitary service
					Steam electric power generation	Air conditioning	Other	
34	FAB. METAL PRODUCTS--CONTINUED							
347	METAL SERVICES, NEC.	12.7	(D)	(D)	(D)	-	(D)	(D)
3471	PLATING AND POLISHING.	11.6	(D)	(D)	(D)	-	(D)	(D)
3479	METAL COATING AND ALLIED SERVICES.	1.1	1.1	0.9	-	-	0.1	-
348	ORDNANCE AND ACCESSORIES, NEC.	13.7	13.7	4.2	(D)	(D)	4.3	2.0
3482	SMALL ARMS AMMUNITION.	2.7	2.7	1.5	-	0.3	.4	.1
3483	AMMUNITION, EXC. SMALL ARMS, NEC.	6.4	6.4	1.4	-	.3	2.6	1.1
3484	SMALL ARMS.	1.7	1.7	.6	(D)	(D)	.6	.2
3489	ORDNANCE AND ACCESSORIES NEC.	2.9	2.9	.7	-	.4	.6	.5
349	MISC. FABRICATED METAL PRODUCTS.	19.0	19.0	5.5	(D)	.6	8.4	1.3
3493	STEEL SPRINGS, EXCEPT WIRE.	1.0	1.0	-	-	-	.9	-
3494	VALVES AND PIPE FITTINGS.	8.4	8.4	2.3	-	.4	4.2	.8
3495	WIRE SPRINGS. . . . .	.3	.3	(D)	-	-	-	(D)
3496	MISC. FABRICATED WIRE PRODUCTS.	6.6	6.6	2.0	(D)	-	2.1	.2
3497	METAL FOIL AND LEAF. . . . .	.9	.9	.2	-	.1	.6	-
3498	FABRICATED PIPE AND FITTINGS. . . . .	.2	.2	-	-	-	.1	.1
3499	FABRICATED METAL PRODUCTS, NEC.	1.7	1.7	(D)	-	.1	.5	(D)
35	MACHINERY, EXCEPT ELECTRICAL.	171.2	158.2	28.1	20.6	24.2	64.3	11.8
351	ENGINES AND TURBINES.	60.8	(D)	(D)	(D)	(D)	(D)	(D)
3511	TURBINES, TURBINE GENERATOR SETS.	48.7	(D)	(D)	-	(D)	(D)	(D)
3519	INTERNAL COMBUSTION ENGINES, NEC.	12.2	12.2	3.2	(D)	(D)	4.4	1.2
352	FARM AND GARDEN MACHINERY.	22.0	22.0	(D)	(D)	1.0	3.6	.9
3523	FARM MACHINERY AND EQUIPMENT.	21.4	21.4	(D)	(D)	1.0	3.2	.9
3524	LAWN AND GARDEN EQUIPMENT. . . . .	.6	.6	.2	-	-	.3	-
353	CONSTRUCTION, RELATED MACHINERY.	20.4	(D)	(D)	(D)	(D)	(D)	(D)
3531	CONSTRUCTION MACHINERY.	16.3	(D)	(D)	(D)	(D)	(D)	(D)
3532	MINING MACHINERY.	1.8	1.8	.1	-	-	1.4	.2
3533	OILFIELD MACHINERY.	1.4	1.4	.1	-	.2	.2	.6
3536	HOISTS, CRANES, AND MONORAILS. . . . .	.2	.2	.1	-	(D)	-	(D)
3537	INDUSTRIAL TRUCKS AND TRACTORS. . . . .	.4	.4	.1	-	-	.1	.1
354	METALWORKING MACHINERY.	6.0	6.0	1.3	-	.8	2.3	1.1
3541	MACHINE TOOLS, METAL-CUTTING.	1.9	1.9	.3	-	.4	.6	.4
3542	MACHINE TOOLS, METAL-FORMING. . . . .	.2	.2	-	-	-	.1	.1
3544	SPECIAL DIES, TOOLS, JIGS, ETC. . . . .	.5	.5	-	-	-	.3	(D)
3545	MACHINE TOOL ACCESSORIES.	1.4	1.4	.5	-	.1	.7	(D)
3546	POWER DRIVEN HANDTOOLS.	1.0	1.0	.3	-	.2	.2	.2
3547	ROLLING MILL MACHINERY. . . . .	.8	.8	.2	-	-	.4	.1
3549	METALWORKING MACHINERY, NEC. . . . .	.1	.1	.1	-	-	-	-
355	SPECIAL INDUSTRY MACHINERY.	5.1	5.1	1.8	-	.8	1.1	.8
3551	FOOD PRODUCTS MACHINERY. . . . .	.4	.4	-	-	-	.1	.1
3552	TEXTILE MACHINERY.	1.5	1.5	.5	-	.3	.3	.1
3553	WOODWORKING MACHINERY. . . . .	.5	.5	.2	-	-	.1	-
3559	SPECIAL INDUSTRY MACHINERY, NEC.	1.8	1.8	(D)	-	(D)	(D)	.2
356	GENERAL INDUSTRIAL MACHINERY.	14.7	14.3	4.0	-	1.5	6.1	1.4
3561	PUMPS AND PUMPING EQUIPMENT.	2.8	(D)	(D)	-	(D)	(D)	(D)
3562	BALL AND ROLLER BEARINGS.	7.3	(D)	(D)	-	(D)	(D)	(D)
3563	AIR AND GAS COMPRESSORS.	1.0	1.0	.3	-	.2	.4	.1
3564	BLOWERS AND FANS. . . . .	.3	.3	-	-	.1	-	.1
3566	SPEED CHANGERS, DRIVES, AND GEARS. . . . .	.9	.9	.1	-	.1	.5	.1
3567	INDUSTRIAL FURNACES AND OVENS. . . . .	.1	.1	-	-	-	.1	-
3568	POWER TRANSMISSION EQUIPMENT, NEC.	1.9	1.9	.4	-	-	1.1	.3
3569	GENERAL INDUSTRIAL MACHINERY, NEC. . . . .	.4	.4	.1	-	.1	.1	-
357	OFFICE AND COMPUTING MACHINES.	18.7	(D)	(D)	(D)	(D)	(D)	(D)
3573	ELECTRONIC COMPUTING EQUIPMENT.	15.3	15.3	(D)	(D)	(D)	.5	(D)
3574	CALCULATING, ACCOUNTING MACHINES.	2.1	2.1	.4	(D)	.2	.3	.5
358	REFRIGERATION AND SERVICE MACH.	20.5	20.5	8.0	-	3.2	6.4	1.7
3585	REFRIGERATION, HEATING EQUIPMENT.	18.7	18.7	7.1	-	3.2	6.1	1.6
3586	MEASURING AND DISPENSING PUMPS.	1.1	1.1	(D)	-	-	-	(D)
3589	SERVICE INDUSTRY MACHINERY, NEC. . . . .	.4	.4	-	-	-	(D)	(D)
359	MISC. MACHINERY, EXC. ELEC.	2.9	2.9	1.1	-	.1	1.3	.4
3592	CARBURETORS, PISTONS, RINGS, ETC.	2.1	2.1	.8	-	.1	(D)	(D)
3599	MACHINERY, EXCEPT ELECTRICAL, NEC. . . . .	.9	.9	.3	-	-	(D)	(D)
36	ELECTRIC, ELECTRONIC EQUIP.	104.3	101.5	40.9	0.5	12.3	28.5	13.2
361	ELECTRIC DISTRIBUTING EQUIPMENT.	5.9	(D)	(D)	-	(D)	(D)	(D)
3612	TRANSFORMERS.	2.6	2.6	.4	-	.4	1.3	.4
3613	SWITCHGEAR, SWITCHBOARD APPARATUS.	3.3	(D)	(D)	-	(D)	(D)	(D)
362	ELECTRICAL INDUSTRIAL APPARATUS.	15.2	15.2	2.7	-	1.8	7.7	2.2
3621	MOTORS AND GENERATORS.	6.0	6.0	1.1	-	.8	2.9	1.1
3622	INDUSTRIAL CONTROLS.	3.3	3.3	1.0	-	.3	1.4	.5
3623	WELDING APPARATUS, ELECTRIC. . . . .	.3	.3	.1	-	-	.1	-
3624	CARBON AND GRAPHITE PRODUCTS.	3.8	3.8	.3	-	.1	2.6	.4
3629	ELEC. INDUSTRIAL APPARATUS, NEC.	1.7	1.7	.2	-	.5	.8	.1
363	HOUSEHOLD APPLIANCES.	15.5	(D)	(D)	-	(D)	(D)	(D)
3631	HOUSEHOLD COOKING EQUIPMENT.	1.5	1.5	1.0	-	-	.2	(D)
3632	HOUSEHOLD REFRIGERATORS, FREEZERS.	4.9	4.9	2.2	-	.3	1.6	.4
3633	HOUSEHOLD LAUNDRY EQUIPMENT.	3.2	3.2	1.6	-	.2	.9	.3
3634	ELECTRIC HOUSEWARES AND FANS.	2.8	2.8	1.5	-	.1	.7	.3
3639	HOUSEHOLD APPLIANCES, NEC.	1.9	1.9	.9	-	-	.7	.2
364	ELEC. LIGHTING, WIRING EQUIP.	10.5	10.5	4.7	.1	.5	3.2	1.3
3641	ELECTRIC LAMPS.	1.7	1.7	.2	-	.1	1.0	.3
3643	CURRENT-CARRYING WIRING DEVICES.	3.0	3.0	1.5	-	.2	.6	.2
3644	NONCURRENT-CARRYING WIRING DEVICES.	1.8	1.8	1.0	-	-	.5	.1
3645	RESIDENTIAL LIGHTING FIXTURES. . . . .	.5	.5	.4	-	-	-	-
3646	COMMERCIAL LIGHTING FIXTURES. . . . .	.4	.4	.3	-	-	-	.1
3647	VEHICULAR LIGHTING EQUIPMENT.	2.4	2.4	.8	-	.2	1.0	.1
3648	LIGHTING EQUIPMENT, NEC. . . . .	.8	.8	.5	-	-	.1	.1

See footnotes at end of table.

TABLE 3A. Water Intake by Purpose and Kind, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Brackish water						Salt water					
		Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
				Steam electric power generation	Other					Steam electric power generation	Other		
34	FAB. METAL PRODUCTS--CONTINUED												
347	METAL SERVICES, NEC.	(D)	-	-	-	-	-	-	-	-	-	-	-
3471	PLATING AND POLISHING.	(D)	-	-	-	-	-	-	-	-	-	-	-
3479	METAL COATING AND ALLIED SERVICES.	-	-	-	-	-	-	-	-	-	-	-	-
348	ORDNANCE AND ACCESSORIES, NEC. .	-	-	-	-	-	-	-	-	-	-	-	-
3482	SMALL ARMS AMMUNITION.	-	-	-	-	-	-	-	-	-	-	-	-
3483	AMMUNITION, EXC. SMALL ARMS, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
3484	SMALL ARMS.	-	-	-	-	-	-	-	-	-	-	-	-
3489	ORDNANCE AND ACCESSORIES, NEC. .	-	-	-	-	-	-	-	-	-	-	-	-
49	MISC. FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
493	STEEL SPRINGS, EXCEPT WIRE. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3494	VALVES AND PIPE FITTINGS.	-	-	-	-	-	-	-	-	-	-	-	-
3495	WIRE SPRINGS.	-	-	-	-	-	-	-	-	-	-	-	-
3496	MISC. FABRICATED WIRE PRODUCTS. .	-	-	-	-	-	-	-	-	-	-	-	-
3497	METAL FOIL AND LEAF.	-	-	-	-	-	-	-	-	-	-	-	-
3498	FABRICATED PIPE AND FITTINGS. . .	-	-	-	-	-	-	-	-	-	-	-	-
3499	FABRICATED METAL PRODUCTS, NEC. .	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	(D)	-	-	(D)	-	-	(D)	-	(D)	(D)	-	-
351	ENGINES AND TURBINES.	-	-	-	-	-	-	(D)	-	(D)	(D)	-	-
3511	TURBINES, TURBINE GENERATOR SETS. .	-	-	-	-	-	-	(D)	-	(D)	(D)	-	-
3519	INTERNAL COMBUSTION ENGINES, NEC. .	-	-	-	-	-	-	-	-	-	-	-	-
352	FARM AND GARDEN MACHINERY.	-	-	-	-	-	-	-	-	-	-	-	-
3523	FARM MACHINERY AND EQUIPMENT. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3524	LAWN AND GARDEN EQUIPMENT.	-	-	-	-	-	-	-	-	-	-	-	-
353	CONSTRUCTION, RELATED MACHINERY.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3531	CONSTRUCTION MACHINERY.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3532	MINING MACHINERY.	-	-	-	-	-	-	-	-	-	-	-	-
3533	OILFIELD MACHINERY.	-	-	-	-	-	-	-	-	-	-	-	-
3536	HOISTS, CRANES, AND MONORAILS. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS. . .	-	-	-	-	-	-	-	-	-	-	-	-
354	METALWORKING MACHINERY.	-	-	-	-	-	-	-	-	-	-	-	-
3541	MACHINE TOOLS, METAL-CUTTING. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3542	MACHINE TOOLS, METAL-FORMING. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3544	SPECIAL DIES, TOOLS, JIGS, ETC. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3545	MACHINE TOOL ACCESSORIES.	-	-	-	-	-	-	-	-	-	-	-	-
3546	POWER DRIVEN HANDTOOLS.	-	-	-	-	-	-	-	-	-	-	-	-
3547	ROLLING MILL MACHINERY.	-	-	-	-	-	-	-	-	-	-	-	-
3549	METALWORKING MACHINERY, NEC. . . .	-	-	-	-	-	-	-	-	-	-	-	-
355	SPECIAL INDUSTRY MACHINERY.	-	-	-	-	-	-	-	-	-	-	-	-
3551	FOOD PRODUCTS MACHINERY.	-	-	-	-	-	-	-	-	-	-	-	-
3552	TEXTILE MACHINERY.	-	-	-	-	-	-	-	-	-	-	-	-
3553	WOODWORKING MACHINERY.	-	-	-	-	-	-	-	-	-	-	-	-
3559	SPECIAL INDUSTRY MACHINERY, NEC. .	-	-	-	-	-	-	-	-	-	-	-	-
356	GENERAL INDUSTRIAL MACHINERY. . . .	0.5	-	-	0.5	-	-	-	-	-	-	-	-
3561	PUMPS AND PUMPING EQUIPMENT. . . .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3562	BALL AND ROLLER BEARINGS.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3563	AIR AND GAS COMPRESSORS.	-	-	-	-	-	-	-	-	-	-	-	-
3564	BLOWERS AND FANS.	-	-	-	-	-	-	-	-	-	-	-	-
3566	SPEED CHANGERS, DRIVES, AND GEARS. .	-	-	-	-	-	-	-	-	-	-	-	-
3567	INDUSTRIAL FURNACES AND OVENS. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3568	POWER TRANSMISSION EQUIPMENT, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
3569	GENERAL INDUSTRIAL MACHINERY, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
357	OFFICE AND COMPUTING MACHINES. . .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3573	ELECTRONIC COMPUTING EQUIPMENT. . .	-	-	-	-	-	-	-	-	-	-	-	-
3574	CALCULATING, ACCOUNTING MACHINES. .	-	-	-	-	-	-	-	-	-	-	-	-
358	REFRIGERATION AND SERVICE MACH. . .	-	-	-	-	-	-	-	-	-	-	-	-
3585	REFRIGERATION, HEATING EQUIPMENT. .	-	-	-	-	-	-	-	-	-	-	-	-
3586	MEASURING AND DISPENSING PUMPS. . .	-	-	-	-	-	-	-	-	-	-	-	-
3589	SERVICE INDUSTRY MACHINERY, NEC. .	-	-	-	-	-	-	-	-	-	-	-	-
359	MISC. MACHINERY, EXC. ELEC.	-	-	-	-	-	-	-	-	-	-	-	-
3592	CARBURETORS, PISTONS, RINGS, ETC. .	-	-	-	-	-	-	-	-	-	-	-	-
3599	MACHINERY, EXCEPT ELECTRICAL, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
361	ELECTRIC DISTRIBUTING EQUIPMENT. . .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3612	TRANSFORMERS.	-	-	-	-	-	-	-	-	-	-	-	-
3613	SWITCHGEAR, SWITCHBOARD APPARATUS.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
362	ELECTRICAL INDUSTRIAL APPARATUS. . .	-	-	-	-	-	-	-	-	-	-	-	-
3621	MOTORS AND GENERATORS.	-	-	-	-	-	-	-	-	-	-	-	-
3622	INDUSTRIAL CONTROLS.	-	-	-	-	-	-	-	-	-	-	-	-
3623	WELDING APPARATUS, ELECTRIC.	-	-	-	-	-	-	-	-	-	-	-	-
3624	CARBON AND GRAPHITE PRODUCTS. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3629	ELEC. INDUSTRIAL APPARATUS, NEC. . .	-	-	-	-	-	-	-	-	-	-	-	-
363	HOUSEHOLD APPLIANCES.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3631	HOUSEHOLD COOKING EQUIPMENT.	-	-	-	-	-	-	-	-	-	-	-	-
3632	HOUSEHOLD REFRIGERATORS, FREEZERS. .	-	-	-	-	-	-	-	-	-	-	-	-
3633	HOUSEHOLD LAUNDRY EQUIPMENT.	-	-	-	-	-	-	-	-	-	-	-	-
3634	ELECTRIC HOUSEWARES AND FANS.	-	-	-	-	-	-	-	-	-	-	-	-
3639	HOUSEHOLD APPLIANCES, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
364	ELEC. LIGHTING, WIRING EQUIP.	-	-	-	-	-	-	-	-	-	-	-	-
3641	ELECTRIC LAMPS.	-	-	-	-	-	-	-	-	-	-	-	-
3643	CURRENT-CARRYING WIRING DEVICES. . .	-	-	-	-	-	-	-	-	-	-	-	-
3644	NONCURRENT-CARRYING WIRING DEVICES.	-	-	-	-	-	-	-	-	-	-	-	-
3645	RESIDENTIAL LIGHTING FIXTURES. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3646	COMMERCIAL LIGHTING FIXTURES. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3647	VEHICULAR LIGHTING EQUIPMENT.	-	-	-	-	-	-	-	-	-	-	-	-
3648	LIGHTING EQUIPMENT, NEC.	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3A. Water Intake by Purpose and Kind, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Total water intake	Fresh water						
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
					Steam electric power generation	Air conditioning	Other		
36	ELEC., ELECTRONIC EQUIP.—CON.								
365	RADIO, TV RECEIVING EQUIPMENT. . .	3.7	(D)	(D)	-	(D)	(D)	(D)	(D)
3651	RADIO AND TV RECEIVING SETS. . . .	2.9	(D)	(D)	-	(D)	0.8	(D)	0.2
3652	PHONO. RECORDS, PRERECORDED TAPE .	.8	(D)	-	-	-	(D)	-	(D)
366	COMMUNICATION EQUIPMENT.	17.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3661	TELEPHONE AND TELEGRAPH APPARATUS.	7.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3662	RADIO AND TV COMMUNICATION EQUIP .	9.6	9.6	2.6	-	3.5	.6	2.6	.4
367	ELECTRONIC COMPONENTS, ACCESS. .	25.4	25.4	11.9	-	3.9	6.3	2.3	1.1
3671	ELECTRON TUBES, RECEIVING TYPE . .	.9	.9	.2	-	(D)	(D)	.3	-
3672	CATHODE RAY TV PICTURE TUBES . . .	3.1	3.1	1.2	-	.9	.7	.2	.1
3673	ELECTRON TUBES, TRANSMITTING . . .	2.4	2.4	.9	-	.4	.9	.2	-
3674	SEMICONDUCTORS, RELATED DEVICES. .	8.8	8.8	4.6	-	1.0	2.0	.8	.4
3675	ELECTRONIC CAPACITORS.	3.0	3.0	1.2	-	.7	.9	.1	.1
3676	ELECTRONIC RESISTORS. . . . .	.6	.6	.3	-	-	.2	.1	.1
3677	ELECTRONIC COILS AND TRANSFORMERS.	.6	.6	.3	-	-	.1	-	-
3678	ELECTRONIC CONNECTORS. . . . .	.6	.6	.3	-	(D)	(D)	-	-
3679	ELECTRONIC COMPONENTS, NEC	5.5	5.5	3.1	-	.6	1.1	.4	.3
369	MISC. ELEC. EQUIPMENT, SUPPLIES.	11.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3691	STORAGE BATTERIES.	3.5	3.5	2.1	(D)	(D)	1.0	.2	.2
3693	X-RAY APPARATUS AND TUBES. . . . .	.9	.9	.4	-	-	.1	.3	-
3694	ENGINE ELECTRICAL EQUIPMENT.	5.8	(D)	(D)	-	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT	242.3	220.3	102.1	2.1	25.3	47.8	19.2	23.1
371	MOTOR VEHICLES AND EQUIPMENT . . .	110.9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3711	MOTOR VEHICLES AND CAR BODIES. . . .	51.0	51.0	21.7	(D)	(D)	6.7	5.3	14.2
3713	TRUCK AND BUS BODIES	(D)	(D)	(D)	-	-	(D)	(D)	-
3714	MOTOR VEHICLE PARTS, ACCESSORIES . .	58.7	(D)	(D)	(D)	(D)	(D)	(D)	(D)
372	AIRCRAFT AND PARTS	94.0	91.7	54.7	-	19.3	9.9	4.1	3.7
3721	AIRCRAFT	25.0	(D)	(D)	-	(D)	(D)	(D)	(D)
3724	AIRCRAFT ENGINES AND ENGINE PARTS.	59.3	(D)	(D)	-	(D)	(D)	(D)	(D)
3728	AIRCRAFT EQUIPMENT, NEC.	9.8	(D)	(D)	-	(D)	(D)	(D)	(D)
3731	SHIP BUILDING AND REPAIRING.	25.8	6.6	.9	-	.6	1.5	2.4	1.1
3743	RAILROAD EQUIPMENT	3.6	3.6	1.0	(D)	(D)	1.3	.8	.3
376	GUIDED MISSILES, SPACE VEHICLES.	6.1	6.1	1.2	-	1.0	1.7	1.4	0.7
3761	GUIDED MISSILES, SPACE VEHICLES. . .	2.9	2.9	.6	-	.4	.6	1.0	.2
3764	SPACE PROPULSION UNITS AND PARTS . .	2.4	2.4	.2	-	.5	1.0	.3	.4
3769	SPACE VEHICLE EQUIPMENT, NEC . . . .	.8	.8	.3	-	.1	.1	.2	.1
38	INSTRUMENTS, RELATED PRODUCTS.	37.4	37.4	15.2	5.2	4.3	5.5	3.3	3.9
3811	ENGINEERING, SCIENTIFIC INSTRU. . .	.9	.9	.3	-	.2	.1	.3	-
382	MEASURING, CONTROLLING DEVICES . . .	5.4	5.4	2.1	-	.6	1.3	1.0	.3
3822	ENVIRONMENTAL CONTROLS	1.7	1.7	.6	-	.2	.4	.2	.1
3823	PROCESS CONTROL INSTRUMENTS. . . .	.7	.7	.3	-	(D)	.1	.1	(D)
3824	FLUID METERS AND COUNTING DEVICES.	.3	.3	.2	-	-	.1	.1	-
3825	INSTRU. TO MEASURE ELECTRICITY . . .	2.4	2.4	1.0	-	(D)	.8	.3	(D)
3829	MEASURING, CONTROL'G DEVICES, NEC .	.3	.3	.1	-	-	-	.1	-
3832	OPTICAL INSTRUMENTS AND LENSES . . .	.1	.1	-	-	-	.1	-	-
384	MEDICAL INSTRUMENTS, SUPPLIES. . .	3.5	3.5	2.0	-	.4	.4	.5	.2
3841	SURGICAL AND MEDICAL INSTRUMENTS .	2.0	2.0	1.4	-	.2	.2	.1	-
3842	SURGICAL APPLIANCES AND SUPPLIES . .	1.4	1.3	.6	-	.1	.1	.4	.1
3843	DENTAL EQUIPMENT AND SUPPLIES. . . .	.1	.1	-	-	-	-	-	-
3851	OPHTHALMIC GOODS	6.2	6.2	1.0	(D)	-	.1	(D)	(D)
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES . .	20.7	20.7	9.7	(D)	3.0	3.4	(D)	(D)
3873	WATCHES, CLOCKS, AND WATCHCASES. .	.6	.6	.1	-	.1	.2	.2	-
39	MISC. MANUFACTURING INDUSTRIES.	12.1	11.9	4.1	(D)	(D)	4.0	1.0	1.1
391	JEWELRY, SILVER AND PLATED WARE.	1.0	(D)	(D)	-	-	(D)	(D)	-
3914	SILVERWARE AND PLATED WARE . . . . .	.7	(D)	(D)	-	-	-	(D)	-
394	TOYS AND SPORTING GOODS.	3.2	3.2	.8	-	.2	1.8	.2	.2
3944	GAMES, TOYS, CHILDREN'S VEHICLES . .	1.1	1.1	.5	-	.1	.3	.1	.1
3949	SPORTING AND ATHLETIC GOODS, NEC . .	2.2	2.2	.3	-	.1	1.5	.1	.1
3951	PENS AND MECHANICAL PENCILS . . . . .	.5	.5	-	-	(D)	-	(D)	-
396	COSTUME JEWELRY AND NOTIONS. . . .	2.7	2.7	1.2	(D)	.1	.2	.1	(D)
3961	COSTUME JEWELRY.	(D)	(D)	(D)	-	-	-	-	(D)
3964	NEEDLES, PINS, AND FASTENERS	2.5	2.5	1.1	(D)	.1	.2	.1	(D)
399	MISCELLANEOUS MANUFACTURES	4.4	(D)	(D)	-	(D)	(D)	(D)	(D)
3991	BROOMS AND BRUSHES . . . . .	.8	.8	-	-	-	.7	.1	-
3996	HARD SURFACE FLOOR COVERINGS	1.8	1.8	.7	-	-	.8	.1	.2
3999	MANUFACTURING INDUSTRIES, NEC. . . .	1.7	(D)	(D)	-	(D)	(D)	(D)	(D)

Note: Figures for industry groups (3-digit) and major groups (2-digit) include data for all component industries whether or not separate figures are shown for individual industries in group.

TABLE 3A. Water Intake by Purpose and Kind, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Brackish water						Salt water					
		Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
				Steam electric power generation	Other					Steam electric power generation	Other		
36	ELEC., ELECTRONIC EQUIP.—CON.												
365	RADIO, TV RECEIVING EQUIPMENT. .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3651	RADIO AND TV RECEIVING SETS. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3652	PHONO, RECORDS, PRERECORDED TAPE .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
366	COMMUNICATION EQUIPMENT.	-	-	-	-	-	-	(D)	-	-	(D)	-	-
3661	TELEPHONE AND TELEGRAPH APPARATUS.	-	-	-	-	-	-	(D)	-	-	(D)	-	-
3662	RADIO AND TV COMMUNICATION EQUIP. .	-	-	-	-	-	-	-	-	-	-	-	-
367	ELECTRONIC COMPONENTS, ACCESS. .	-	-	-	-	-	-	-	-	-	-	-	-
3671	ELECTRON TUBES, RECEIVING TYPE . .	-	-	-	-	-	-	-	-	-	-	-	-
3672	CATHODE RAY TV PICTURE TUBES . . .	-	-	-	-	-	-	-	-	-	-	-	-
3673	ELECTRON TUBES, TRANSMITTING . . .	-	-	-	-	-	-	-	-	-	-	-	-
3674	SEMICONDUCTORS, RELATED DEVICES. .	-	-	-	-	-	-	-	-	-	-	-	-
3675	ELECTRONIC CAPACITORS.	-	-	-	-	-	-	-	-	-	-	-	-
3676	ELECTRONIC RESISTORS	-	-	-	-	-	-	-	-	-	-	-	-
3677	ELECTRONIC COILS AND TRANSFORMERS.	-	-	-	-	-	-	-	-	-	-	-	-
3678	ELECTRONIC CONNECTORS.	-	-	-	-	-	-	-	-	-	-	-	-
3679	ELECTRONIC COMPONENTS, NEC	-	-	-	-	-	-	-	-	-	-	-	-
369	MISC. ELEC. EQUIPMENT, SUPPLIES.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3691	STORAGE BATTERIES.	-	-	-	-	-	-	-	-	-	-	-	-
3693	X-RAY APPARATUS AND TUBES.	-	-	-	-	-	-	-	-	-	-	-	-
3694	ENGINE ELECTRICAL EQUIPMENT.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-	(D)	-	(D)
371	MOTOR VEHICLES AND EQUIPMENT . . .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3711	MOTOR VEHICLES AND CAR BODIES. . .	-	-	-	-	-	-	-	-	-	-	-	-
3713	TRUCK AND BUS BODIES	-	-	-	-	-	-	-	-	-	-	-	-
3714	MOTOR VEHICLE PARTS, ACCESSORIES . .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
372	AIRCRAFT AND PARTS	(D)	(D)	-	(D)	(D)	-	(D)	-	-	(D)	-	-
3721	AIRCRAFT	(D)	(D)	-	(D)	(D)	-	-	-	-	-	-	-
3724	AIRCRAFT ENGINES AND ENGINE PARTS.	-	-	-	-	-	-	(D)	-	-	(D)	-	-
3728	AIRCRAFT EQUIPMENT, NEC.	-	-	-	-	-	-	(D)	-	-	(D)	-	-
3731	SHIP BUILDING AND REPAIRING. . . .	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-	(D)	-	(D)
3743	RAILROAD EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	-
376	GUIDED MISSILES, SPACE VEHICLES.	-	-	-	-	-	-	-	-	-	-	-	-
3761	GUIDED MISSILES, SPACE VEHICLES. .	-	-	-	-	-	-	-	-	-	-	-	-
3764	SPACE PROPULSION UNITS AND PARTS . .	-	-	-	-	-	-	-	-	-	-	-	-
3769	SPACE VEHICLE EQUIPMENT, NEC	-	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
3811	ENGINEERING, SCIENTIFIC INSTRU. . .	-	-	-	-	-	-	-	-	-	-	-	-
382	MEASURING, CONTROLLING DEVICES . .	-	-	-	-	-	-	-	-	-	-	-	-
3822	ENVIRONMENTAL CONTROLS	-	-	-	-	-	-	-	-	-	-	-	-
3823	PROCESS CONTROL INSTRUMENTS. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3824	FLUID METERS AND COUNTING DEVICES.	-	-	-	-	-	-	-	-	-	-	-	-
3825	INSTRU. TO MEASURE ELECTRICITY . . .	-	-	-	-	-	-	-	-	-	-	-	-
3829	MEASURING, CONTROL'G DEVICES, NEC.	-	-	-	-	-	-	-	-	-	-	-	-
3832	OPTICAL INSTRUMENTS AND LENSES . .	-	-	-	-	-	-	-	-	-	-	-	-
384	MEDICAL INSTRUMENTS, SUPPLIES. . .	-	-	-	-	-	-	-	-	-	-	-	-
3841	SURGICAL AND MEDICAL INSTRUMENTS .	-	-	-	-	-	-	-	-	-	-	-	-
3842	SURGICAL APPLIANCES AND SUPPLIES . .	-	-	-	-	-	-	-	-	-	-	-	-
3843	DENTAL EQUIPMENT AND SUPPLIES. . .	-	-	-	-	-	-	-	-	-	-	-	-
3851	OPHTHALMIC GOODS	-	-	-	-	-	-	-	-	-	-	-	-
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES . .	-	-	-	-	-	-	-	-	-	-	-	-
3873	WATCHES, CLOCKS, AND WATCHCASES. .	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	(D)	-	-	(D)	-	-	(D)	-	-	-	-	-
391	JEWELRY, SILVER AND PLATED WARE.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
3914	SILVERWARE AND PLATED WARE	(D)	-	-	(D)	-	-	-	-	-	-	-	-
394	TOYS AND SPORTING GOODS.	-	-	-	-	-	-	-	-	-	-	-	-
3944	GAMES, TOYS, CHILDREN'S VEHICLES . .	-	-	-	-	-	-	-	-	-	-	-	-
3949	SPORTING AND ATHLETIC GOODS, NEC . .	-	-	-	-	-	-	-	-	-	-	-	-
3951	PENS AND MECHANICAL PENCILS	-	-	-	-	-	-	-	-	-	-	-	-
396	COSTUME JEWELRY AND NOTIONS. . . .	-	-	-	-	-	-	-	-	-	-	-	-
3961	COSTUME JEWELRY.	-	-	-	-	-	-	-	-	-	-	-	-
3964	NEEDLES, PINS, AND FASTENERS	-	-	-	-	-	-	-	-	-	-	-	-
399	MISCELLANEOUS MANUFACTURES	-	-	-	-	-	-	(D)	-	-	-	-	-
3991	BROOMS AND BRUSHES	-	-	-	-	-	-	-	-	-	-	-	-
3996	HARD SURFACE FLOOR COVERINGS	-	-	-	-	-	-	-	-	-	-	-	-
3999	MANUFACTURING INDUSTRIES, NEC. . .	-	-	-	-	-	-	(D)	-	-	-	-	-

- Represents less than .05. (D) Withheld to avoid disclosing the operations of individual companies.

¹Industries for which all data, if shown, would be less than .05 or for which all data would be withheld to avoid disclosure have been omitted. Also, see footnote 4, table 1A.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Total water intake	Fresh water							Brackish water	
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses	Total	Process
					Steam electric power generation	Air conditioning	Other				
	United States, total.....	15,024.3	12,194.9	3,772.4	1,980.1	278.0	5,344.3	206.6	610.0	1,395.6	68.7
	New England Division.....	670.1	598.0	268.6	216.0	7.5	71.1	17.3	17.2	7.9	(D)
	Maine.....	169.2	165.7	123.7	15.5	.3	11.3	(D)	(D)	(D)	-
20	Food and kindred products.....	2.9	2.9	1.4	(D)	-	.9	.2	(D)	-	-
22	Textile mill products.....	3.2	3.2	2.6	-	-	.1	-	.4	-	-
26	Paper and allied products.....	155.9	155.9	117.6	(D)	.2	9.1	(D)	3.7	-	-
28	Chemicals and allied products.....	3.8	.3	(D)	-	-	-	-	(D)	(D)	-
30	Rubber and miscellaneous plastics products.....	1.0	1.0	(D)	-	-	.8	-	(D)	-	-
31	Leather and leather products.....	1.0	1.0	.9	-	-	-	-	.1	-	-
	New Hampshire.....	26.0	(D)	(D)	(D)	.2	(D)	.6	(D)	(D)	-
20	Food and kindred products.....	.9	.9	.3	-	-	(D)	(D)	-	-	-
22	Textile mill products.....	.9	.9	.7	-	-	-	-	.1	-	-
26	Paper and allied products.....	21.4	21.4	17.1	1.6	-	1.5	.1	1.0	-	-
32	Stone, clay, and glass products.....	.2	.2	.1	-	-	.1	-	-	-	-
35	Machinery, except electrical.....	.3	.3	-	-	(D)	(D)	(D)	-	-	-
36	Electric and electronic equipment.....	.3	.3	(D)	-	(D)	.1	-	-	-	-
	Vermont.....	6.5	6.5	4.2	(D)	.3	.5	(D)	.6	-	-
20	Food and kindred products.....	.3	.3	.2	-	-	-	-	-	-	-
26	Paper and allied products.....	4.1	4.1	2.9	(D)	-	-	-	(D)	-	-
35	Machinery, except electrical.....	.1	.1	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	.6	.6	.4	-	(D)	(D)	-	-	-	-
	Massachusetts.....	151.9	127.7	45.4	48.8	3.7	21.7	3.1	4.9	4.1	(D)
20	Food and kindred products.....	10.2	3.8	1.5	-	-	1.4	.3	.5	(D)	-
22	Textile mill products.....	5.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	Paper and allied products.....	68.9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	Chemicals and allied products.....	13.3	10.2	5.0	-	.2	4.2	.1	.7	(D)	-
29	Petroleum and coal products.....	.4	.4	.3	-	-	.1	-	-	-	-
30	Rubber and miscellaneous plastics products.....	8.9	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
31	Leather and leather products.....	1.7	1.7	1.6	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	2.0	1.3	.4	-	.2	.6	-	-	(D)	(D)
33	Primary metal industries.....	1.8	1.8	.9	-	-	.7	.1	.1	-	-
34	Fabricated metal products.....	6.4	6.4	5.4	-	.2	.6	.1	.1	-	-
35	Machinery, except electrical.....	17.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
36	Electric and electronic equipment.....	4.3	4.3	1.3	-	.7	1.7	.5	.2	-	-
37	Transportation equipment.....	3.1	2.2	.5	-	(D)	(D)	.5	.2	-	-
38	Instruments and related products.....	6.8	6.8	1.0	(D)	(D)	.4	.3	.1	-	-
39	Miscellaneous manufacturing industries	1.7	1.7	.5	-	-	1.1	.1	-	-	-
	Rhode Island.....	14.4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
20	Food and kindred products.....	1.0	1.0	.2	-	(D)	(D)	-	-	-	-
22	Textile mill products.....	2.2	2.2	1.8	-	-	-	.1	.2	-	-
28	Chemicals and allied products.....	1.5	1.5	.6	-	-	.7	-	.2	-	-
32	Stone, clay, and glass products.....	.8	(D)	(D)	(D)	-	(D)	(D)	-	(D)	-
33	Primary metal industries.....	4.4	4.4	3.8	-	-	(D)	.1	(D)	-	-
34	Fabricated metal products.....	.3	.3	(D)	-	-	(D)	-	-	-	-
35	Machinery, except electrical.....	.3	.3	.1	-	-	.1	.1	-	-	-
36	Electric and electronic equipment.....	.5	.5	.1	-	-	.2	.1	-	-	-
39	Miscellaneous manufacturing industries	.6	.6	.2	-	.1	.2	.1	.1	-	-
	Connecticut.....	302.2	258.0	68.0	(D)	2.5	31.1	2.7	(D)	(D)	(D)
20	Food and kindred products.....	1.0	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
22	Textile mill products.....	3.3	3.3	.9	(D)	.1	(D)	.1	.2	-	-
28	Chemicals and allied products.....	47.9	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
30	Rubber and miscellaneous plastics products.....	13.4	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
32	Stone, clay, and glass products.....	1.1	(D)	(D)	-	-	(D)	-	(D)	(D)	(D)
33	Primary metal industries.....	15.5	14.5	(D)	(D)	.1	5.6	.4	.5	(D)	(D)
34	Fabricated metal products.....	7.4	7.4	3.2	(D)	.2	(D)	.5	.3	-	-
35	Machinery, except electrical.....	3.9	3.9	2.0	-	.5	.9	.2	.3	-	-
36	Electric and electronic equipment.....	1.9	1.9	.6	-	.2	.6	.2	.2	-	-
38	Instruments and related products.....	.6	.6	.3	-	.1	.1	.1	-	-	-
39	Miscellaneous manufacturing industries	2.4	2.4	1.0	(D)	-	(D)	.1	.1	-	-
	Middle Atlantic Division.....	2,355.5	2,053.8	497.2	304.7	43.2	1,097.1	35.0	76.2	136.8	3.6
	New York.....	513.8	466.1	135.3	18.1	25.5	254.7	11.9	20.3	(D)	(D)
20	Food and kindred products.....	24.7	13.0	5.2	.2	.2	4.1	1.1	2.1	(D)	-
22	Textile mill products.....	4.0	4.0	3.3	-	-	.3	.1	.2	-	-
26	Paper and allied products.....	64.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	Chemicals and allied products.....	126.4	94.7	9.5	.3	1.6	76.8	2.0	4.5	(D)	(D)
29	Petroleum and coal products.....	20.4	20.4	.5	-	-	19.3	.1	.6	-	-
30	Rubber and miscellaneous plastics products.....	5.1	5.1	1.9	(D)	(D)	2.2	.1	.4	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Brackish water—Continued				Salt water					
		Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
		Steam electric power generation	Other					Steam electric power generation	Other		
	United States, total.....	379.0	929.2	1.0	17.5	1,433.8	109.5	367.7	946.1	0.1	10.3
	New England Division.....	(D)	6.1	-	-	64.2	(D)	20.1	43.2	-	(D)
	Maine.....	-	(D)	-	-	(D)	-	-	(D)	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	(D)	-	-	(D)	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
31	Leather and leather products.....	-	-	-	-	-	-	-	-	-	-
	New Hampshire.....	-	(D)	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
	Vermont.....	-	-	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
	Massachusetts.....	-	(D)	-	-	20.0	(D)	(D)	8.7	-	(D)
20	Food and kindred products.....	-	(D)	-	-	(D)	-	-	(D)	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	(D)	-	-	(D)	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	(D)	-	-	-	-	-	-	-	-
31	Leather and leather products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	(D)	-	-	-	-	(D)
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	(D)	-	(D)	(D)	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	.9	(D)	-	(D)	-	-
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-
39	Miscellaneous manufacturing industries	-	-	-	-	-	-	-	-	-	-
	Rhode Island.....	-	(D)	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	(D)	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
39	Miscellaneous manufacturing industries	-	-	-	-	-	-	-	-	-	-
	Connecticut.....	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	(D)	-	(D)	(D)	-	-
30	Rubber and miscellaneous plastics products.....	-	(D)	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	(D)	(D)	-	(D)	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-
39	Miscellaneous manufacturing industries	-	-	-	-	-	-	-	-	-	-
	Middle Atlantic Division	(D)	129.0	-	(D)	164.4	13.7	7.1	137.6	-	5.9
	New York	(D)	(D)	-	-	(D)	(D)	-	(D)	-	(D)
20	Food and kindred products.....	-	(D)	-	-	(D)	-	-	(D)	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	(D)	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	(D)	(D)	-	-	(D)	(D)	-	(D)	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Total water intake	Fresh water							Brackish water	
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses	Total	Process
					Steam electric power generation	Air conditioning	Other				
	Middle Atlantic Division--Con.										
	New York--Continued										
31	Leather and leather products.....	0.2	0.2	0.1	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	10.1	9.5	3.3	(D)	(D)	4.8	0.7	0.2	(D)	(D)
33	Primary metal industries.....	172.4	169.8	42.8	9.4	1.7	109.3	2.3	4.3	2.6	(D)
34	Fabricated metal products.....	3.4	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
35	Machinery, except electrical.....	34.0	33.9	3.0	(D)	(D)	(D)	1.1	1.2	-	-
36	Electric and electronic equipment.....	15.9	15.9	5.2	-	3.0	5.0	2.0	.6	-	-
37	Transportation equipment.....	13.4	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-
38	Instruments and related products.....	17.4	17.4	(D)	(D)	2.2	2.0	.6	(D)	-	-
39	Miscellaneous manufacturing industries	1.1	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-
	New Jersey.....	407.0	190.4	58.6	10.1	4.8	91.4	5.9	19.5	61.6	(D)
20	Food and kindred products.....	17.6	14.8	7.3	-	.2	4.3	1.3	1.7	.3	-
22	Textile mill products.....	4.1	4.1	3.1	-	.1	.4	.1	.3	-	-
26	Paper and allied products.....	17.1	17.1	10.2	4.8	.1	.7	.2	1.1	-	-
28	Chemicals and allied products.....	202.2	99.1	23.7	1.7	1.7	62.0	1.4	8.6	60.2	-
29	Petroleum and coal products.....	108.2	21.2	3.9	.7	(D)	10.5	(D)	5.5	-	-
30	Rubber and miscellaneous plastics products.....	3.4	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
32	Stone, clay, and glass products.....	12.9	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-
33	Primary metal industries.....	25.2	9.6	3.7	(D)	-	3.1	.3	(D)	.7	-
34	Fabricated metal products.....	1.8	1.8	.7	-	.1	.7	.2	.1	-	-
35	Machinery, except electrical.....	4.1	4.1	.2	-	.1	3.3	.2	.2	-	-
36	Electric and electronic equipment.....	6.5	5.1	1.0	-	1.5	1.3	1.1	.3	(D)	-
37	Transportation equipment.....	2.0	1.9	1.0	-	.1	.4	.1	.3	-	-
38	Instruments and related products.....	1.3	1.3	.2	-	(D)	.2	.1	(D)	-	-
39	Miscellaneous manufacturing industries	.4	(D)	(D)	-	(D)	-	(D)	-	-	-
	Pennsylvania.....	1,434.2	1,397.4	303.3	276.5	12.9	751.0	17.2	36.4	(D)	(D)
20	Food and kindred products.....	26.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
22	Textile mill products.....	4.0	4.0	3.1	-	.1	.3	.2	.4	-	-
25	Furniture and fixtures.....	.2	.2	.1	-	-	.1	-	-	-	-
26	Paper and allied products.....	60.5	60.5	40.8	10.4	.3	5.9	.6	2.6	-	-
28	Chemicals and allied products.....	122.6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
29	Petroleum and coal products.....	116.3	116.3	5.9	(D)	-	65.6	.4	(D)	-	-
30	Rubber and miscellaneous plastics products.....	7.2	7.2	3.0	-	.2	3.1	.3	.6	-	-
31	Leather and leather products.....	.5	.5	.4	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	16.9	16.5	4.7	3.0	.3	6.8	.5	1.1	.5	0.4
33	Primary metal industries.....	1,043.9	1,038.6	222.8	224.3	8.3	557.6	8.6	16.9	(D)	(D)
34	Fabricated metal products.....	6.7	6.6	2.1	-	.1	3.0	.7	.7	-	-
35	Machinery, except electrical.....	11.1	11.1	.8	-	.8	7.8	.8	.8	-	-
36	Electric and electronic equipment.....	8.1	8.1	3.4	-	.7	2.5	.9	.5	-	-
37	Transportation equipment.....	6.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
38	Instruments and related products.....	1.5	1.5	.5	-	-	.2	.8	-	-	-
39	Miscellaneous manufacturing industries	2.4	2.4	.7	-	-	1.3	.2	.2	-	-
	East North Central Division.....	3,875.2	3,850.5	1,088.0	786.7	80.5	1,695.6	61.5	137.6	21.9	3.8
	Ohio.....	1,019.6	1,017.6	246.8	185.7	9.8	519.6	15.0	40.4	1.8	.9
20	Food and kindred products.....	12.3	12.3	6.1	-	.2	3.7	1.1	1.1	-	-
22	Textile mill products.....	2.2	(D)	(D)	-	-	(D)	-	(D)	(D)	(D)
25	Furniture and fixtures.....	.5	(D)	(D)	-	-	(D)	-	-	(D)	-
26	Paper and allied products.....	51.9	51.9	23.7	15.1	.6	9.2	.5	2.9	-	-
28	Chemicals and allied products.....	127.2	126.6	9.0	10.0	.6	99.1	1.1	6.9	(D)	-
29	Petroleum and coal products.....	42.2	42.2	1.4	-	.1	37.1	.1	3.4	-	-
30	Rubber and miscellaneous plastics products.....	22.4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	Stone, clay, and glass products.....	22.4	22.0	5.1	(D)	.7	2.8	.5	(D)	(D)	(D)
33	Primary metal industries.....	683.7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	11.1	11.1	5.5	.1	.2	3.2	1.1	1.1	-	-
35	Machinery, except electrical.....	16.4	16.2	4.3	(D)	3.3	5.7	(D)	.8	.2	-
36	Electric and electronic equipment.....	7.0	7.0	2.1	-	.6	2.7	1.1	.5	-	-
37	Transportation equipment.....	19.5	19.5	4.7	-	1.7	10.0	1.7	1.3	-	-
38	Instruments and related products.....	.2	.2	-	-	-	-	.1	-	-	-
39	Miscellaneous manufacturing industries	.4	.4	.2	-	-	.1	-	-	-	-
	Indiana.....	1,221.9	1,221.3	286.5	257.8	51.0	593.5	11.3	21.1	.5	.5
20	Food and kindred products.....	23.7	23.7	7.2	2.5	.4	11.5	.8	1.4	-	-
24	Lumber and wood products.....	.1	.1	-	-	-	-	-	-	-	-
25	Furniture and fixtures.....	.3	.3	.1	-	-	.1	-	-	-	-
26	Paper and allied products.....	4.4	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
28	Chemicals and allied products.....	72.8	72.8	5.5	.3	1.0	62.9	.9	2.1	-	-
32	Stone, clay, and glass products.....	10.8	10.8	6.9	-	-	3.4	.2	.3	-	-
33	Primary metal industries.....	1,016.7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	4.5	4.5	2.6	-	.1	1.0	.3	.5	-	-
35	Machinery, except electrical.....	4.8	4.8	1.7	-	.5	1.6	.7	.4	-	-
36	Electric and electronic equipment.....	10.4	10.4	5.3	(D)	.9	2.4	.9	(D)	-	-
37	Transportation equipment.....	7.5	7.5	3.3	-	.3	2.7	.6	.6	-	-
38	Instruments and related products.....	1.0	1.0	.3	-	(D)	.4	-	(D)	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Brackish water—Continued				Salt water					
		Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
		Steam electric power generation	Other					Steam electric power generation	Other		
	Middle Atlantic Division--Con.										
	New York--Continued										
31	Leather and leather products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	(D)	-	-	(D)	(D)	-	-	-	-
33	Primary metal industries.....	-	(D)	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	(D)	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	(D)	-	-	-	-	(D)
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-
39	Miscellaneous manufacturing industries	-	(D)	-	-	-	-	-	-	-	-
	New Jersey.....	(D)	59.4	-	-	155.0	(D)	7.1	130.3	-	(D)
20	Food and kindred products.....	-	.2	-	-	2.5	-	-	2.5	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	(D)	(D)	-	-	42.9	(D)	(D)	33.1	-	(D)
29	Petroleum and coal products.....	-	-	-	-	87.0	3.7	(D)	82.1	-	(D)
30	Rubber and miscellaneous plastics products.....	-	(D)	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	(D)	(D)	-	-	-	-
33	Primary metal industries.....	-	.7	-	-	14.9	(D)	(D)	(D)	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	(D)	-	-	(D)	-	-	(D)	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-
39	Miscellaneous manufacturing industries	-	-	-	-	(D)	-	-	-	-	-
	Pennsylvania.....	-	(D)	-	(D)	(D)	-	-	(D)	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
25	Furniture and fixtures.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	-	-	-	-	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
31	Leather and leather products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	(D)	-	(D)	(D)	-	-	(D)	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	(D)	-	-	-	-	-	-	-	-
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-
39	Miscellaneous manufacturing industries	-	-	-	-	-	-	-	-	-	-
	East North Central Division.....	-	15.3	-	2.7	2.8	(D)	-	(D)	-	-
	Ohio.....	-	.9	-	-	.1	.1	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
25	Furniture and fixtures.....	-	(D)	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	(D)	(D)	-	-	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	(D)	(D)	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	.2	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-
39	Miscellaneous manufacturing industries	-	-	-	-	-	-	-	-	-	-
	Indiana.....	-	-	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
24	Lumber and wood products.....	-	-	-	-	-	-	-	-	-	-
25	Furniture and fixtures.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Total water intake	Fresh water							Brackish water	
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses	Total	Process
					Steam electric power generation	Air conditioning	Other				
	East North Central Division--Con.										
	Illinois.....	504.6	490.9	128.1	71.0	7.9	241.8	15.1	26.8	13.7	(D)
20	Food and kindred products.....	52.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
22	Textile mill products.....	.6	.6	(D)	-	(D)	-	-	-	-	-
25	Furniture and fixtures.....	1.0	1.0	.6	-	.1	.2	.1	-	-	-
26	Paper and allied products.....	15.0	15.0	7.1	4.7	.4	1.9	.2	.7	-	-
28	Chemicals and allied products.....	69.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
29	Petroleum and coal products.....	36.4	36.4	1.5	.4	.1	27.4	.4	6.5	-	-
30	Rubber and miscellaneous plastics products.....	3.9	3.9	.8	-	.2	2.4	.2	.3	-	-
31	Leather and leather products.....	.3	.3	.2	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	12.9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	Primary metal industries.....	270.6	268.0	79.4	(D)	1.4	124.2	(D)	4.5	2.6	(D)
34	Fabricated metal products.....	10.9	10.9	5.7	(D)	(D)	2.6	1.2	.8	-	-
35	Machinery, except electrical.....	17.8	17.8	3.1	(D)	1.6	5.2	1.5	(D)	-	-
36	Electric and electronic equipment.....	7.9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
37	Transportation equipment.....	2.9	2.9	1.1	-	.5	.4	.5	.3	-	-
38	Instruments and related products.....	1.3	1.3	.5	-	.2	.2	.3	.2	-	-
	Michigan.....	868.9	863.8	297.8	209.1	8.1	293.7	14.5	40.5	2.3	0.5
25	Furniture and fixtures.....	.5	.5	.2	-	-	.1	-	.1	-	-
26	Paper and allied products.....	87.9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	Chemicals and allied products.....	151.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
30	Rubber and miscellaneous plastics products.....	7.2	7.2	.5	-	.2	5.8	.3	.3	-	-
31	Leather and leather products.....	.6	.6	.5	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	30.3	27.4	(D)	(D)	.2	3.8	.3	.4	(D)	(D)
33	Primary metal industries.....	451.7	451.7	176.7	(D)	1.4	(D)	3.0	3.4	-	-
34	Fabricated metal products.....	11.7	11.5	5.8	-	.2	3.3	1.4	.8	.2	(D)
35	Machinery, except electrical.....	8.9	8.9	3.1	(D)	(D)	3.5	1.1	.4	-	-
36	Electric and electronic equipment.....	4.7	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-
37	Transportation equipment.....	60.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
	Wisconsin.....	260.3	256.8	128.8	63.0	3.7	46.9	5.5	8.8	3.4	(D)
20	Food and kindred products.....	32.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
25	Furniture and fixtures.....	.2	.2	.1	-	-	-	-	-	-	-
26	Paper and allied products.....	178.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28	Chemicals and allied products.....	11.2	11.2	4.1	-	.6	6.2	.1	.2	-	-
30	Rubber and miscellaneous plastics products.....	2.9	2.9	.3	-	-	2.1	.1	.3	-	-
31	Leather and leather products.....	1.7	(D)	(D)	(D)	-	-	-	-	(D)	-
32	Stone, clay, and glass products.....	3.5	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-
33	Primary metal industries.....	7.1	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
34	Fabricated metal products.....	5.3	5.3	2.1	-	.2	2.1	.5	.4	-	-
35	Machinery, except electrical.....	7.0	7.0	2.2	-	.5	2.6	.9	.7	-	-
36	Electric and electronic equipment.....	4.0	4.0	1.5	-	.3	1.1	.8	.2	-	-
37	Transportation equipment.....	4.6	4.6	2.4	-	.1	1.4	.4	.2	-	-
38	Instruments and related products.....	.3	.3	.2	-	-	-	.1	-	-	-
39	Miscellaneous manufacturing industries	1.1	1.1	.3	-	.4	.3	.2	-	-	-
	West North Central Division.....	385.6	374.8	120.3	46.1	9.2	154.9	12.3	31.8	10.8	.7
	Minnesota.....	90.2	89.4	36.6	16.5	2.1	23.4	2.5	8.4	.8	-
20	Food and kindred products.....	25.4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
26	Paper and allied products.....	43.6	43.6	19.9	14.6	(D)	5.3	(D)	2.8	-	-
28	Chemicals and allied products.....	2.6	2.6	(D)	-	-	(D)	.1	.1	-	-
29	Petroleum and coal products.....	2.8	2.8	(D)	-	-	2.0	-	(D)	-	-
30	Rubber and miscellaneous plastics products.....	.1	.1	-	-	-	.1	-	-	-	-
32	Stone, clay, and glass products.....	.5	.5	.3	-	-	.2	-	-	-	-
33	Primary metal industries.....	1.3	1.3	.7	-	-	.5	-	-	-	-
34	Fabricated metal products.....	8.2	8.2	2.7	(D)	(D)	2.3	.5	(D)	-	-
36	Electric and electronic equipment.....	1.2	1.2	.5	-	(D)	.5	(D)	-	-	-
	Iowa.....	136.6	134.7	25.8	19.0	4.6	71.5	2.5	11.3	2.0	.1
20	Food and kindred products.....	56.6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
26	Paper and allied products.....	1.1	1.1	.4	(D)	-	(D)	-	.1	-	-
28	Chemicals and allied products.....	31.3	31.3	1.8	-	.1	28.1	.1	1.3	-	-
30	Rubber and miscellaneous plastics products.....	7.1	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
32	Stone, clay, and glass products.....	1.9	1.8	.4	.7	-	.6	-	.1	.2	.1
34	Fabricated metal products.....	1.9	1.9	.6	-	(D)	.8	(D)	.2	-	-
36	Electric and electronic equipment.....	1.1	1.1	.5	-	.1	.3	.2	.1	-	-
	Missouri.....	89.9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	Food and kindred products.....	19.8	19.8	6.2	2.4	.4	6.1	2.9	1.8	-	-
26	Paper and allied products.....	.6	.6	.3	-	.1	.1	-	-	-	-
28	Chemicals and allied products.....	29.8	29.8	9.7	(D)	(D)	12.5	.2	(D)	-	-
32	Stone, clay, and glass products.....	5.4	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Brackish water—Continued				Salt water					
		Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
		Steam elec- tric power generation	Other					Steam elec- tric power generation	Other		
	East North Central Division--Con.										
	Illinois.....	-	(D)	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
25	Furniture and fixtures.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	-	-	-	-	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
31	Leather and leather products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	(D)	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	(D)	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	(D)	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-
	Michigan.....	-	1.7	-	0.1	2.7	(D)	-	(D)	-	-
25	Furniture and fixtures.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	(D)	(D)	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
31	Leather and leather products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	(D)	(D)	-	(D)	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	(D)	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	(D)	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	(D)	-	-	-	-	-	-	-	-
	Wisconsin.....	-	(D)	-	2.6	-	-	-	-	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
25	Furniture and fixtures.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	(D)	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
31	Leather and leather products.....	-	-	-	(D)	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	(D)	-	-	-	-	-	-
33	Primary metal industries.....	-	(D)	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-
39	Miscellaneous manufacturing industries	-	-	-	-	-	-	-	-	-	-
	West North Central Division.....	-	9.1	-	1.0	-	-	-	-	-	-
	Minnesota.....	-	.8	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
	Iowa.....	-	1.8	-	.1	-	-	-	-	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	(D)	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	.1	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
	Missouri.....	-	(D)	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	(D)	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Total water intake	Fresh water							Brackish water	
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses	Total	Process
					Steam electric power generation	Air conditioning	Other				
	West North Central Division--Con.										
	Missouri--Continued										
33	Primary metal industries.....	17.3	17.3	15.4	-	(D)	1.1	0.6	(D)	-	-
34	Fabricated metal products.....	3.6	3.6	2.2	-	0.4	.5	.1	0.4	-	-
35	Machinery, except electrical.....	1.4	1.4	.9	-	-	.4	.1	-	-	-
36	Electric and electronic equipment.....	1.6	1.6	1.0	-	.1	.2	.2	.1	-	-
37	Transportation equipment.....	4.6	4.6	1.9	-	.4	1.1	.8	.5	-	-
	North Dakota.....	2.2	2.2	.6	(D)	-	1.0	-	(D)	-	-
20	Food and kindred products.....	1.3	1.3	.5	(D)	-	(D)	-	.1	-	-
	South Dakota.....	1.9	1.9	1.1	-	-	.5	-	.2	-	-
20	Food and kindred products.....	1.9	1.9	1.1	-	-	.5	-	.2	-	-
	Nebraska.....	26.6	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
20	Food and kindred products.....	12.2	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
28	Chemicals and allied products.....	9.6	9.6	(D)	-	-	8.6	-	(D)	-	-
30	Rubber and miscellaneous plastics products.....	1.0	1.0	.2	-	-	.6	.1	.1	-	-
32	Stone, clay, and glass products.....	.5	.5	(D)	-	-	(D)	-	.1	-	-
33	Primary metal industries.....	.3	.3	-	-	-	.3	-	-	-	-
34	Fabricated metal products.....	.3	.3	.1	-	-	-	(D)	(D)	-	-
36	Electric and electronic equipment.....	.3	.3	.1	-	-	.1	-	-	-	-
37	Transportation equipment.....	.4	.4	.3	-	-	.1	-	-	-	-
	Kansas.....	38.2	33.8	9.2	2.5	.5	15.8	1.3	4.5	4.3	(D)
20	Food and kindred products.....	7.6	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-
28	Chemicals and allied products.....	12.4	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)
29	Petroleum and coal products.....	7.9	7.9	.4	-	-	5.1	.1	2.2	-	-
30	Rubber and miscellaneous plastics products.....	1.8	1.8	(D)	-	-	.8	.2	(D)	-	-
32	Stone, clay, and glass products.....	3.1	2.2	.8	.2	.1	1.0	.1	.1	.9	-
34	Fabricated metal products.....	.8	.8	.4	-	-	.2	.2	-	-	-
35	Machinery, except electrical.....	.8	.8	.1	-	-	.3	.2	.1	-	-
36	Electric and electronic equipment.....	.2	.2	.1	-	-	.1	-	-	-	-
37	Transportation equipment.....	1.9	1.9	.7	-	.3	.5	.3	.1	-	-
	South Atlantic Division.....	2,287.5	1,717.7	614.2	248.8	53.7	682.1	24.8	93.3	478.5	(D)
	Delaware.....	184.6	51.1	12.9	11.8	2.5	20.2	.7	3.0	(D)	(D)
20	Food and kindred products.....	3.0	3.0	1.7	(D)	-	(D)	(D)	(D)	-	-
26	Paper and allied products.....	.9	.9	.8	-	-	-	-	-	-	-
28	Chemicals and allied products.....	43.4	40.2	7.7	(D)	(D)	17.7	.2	1.2	(D)	-
30	Rubber and miscellaneous plastics products.....	2.6	2.6	1.2	-	.2	1.1	.1	.1	-	-
37	Transportation equipment.....	1.3	1.3	.6	-	-	.5	.2	.1	-	-
	Maryland.....	372.3	107.8	58.7	15.0	3.3	21.1	3.0	6.6	256.3	1.7
20	Food and kindred products.....	13.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
28	Chemicals and allied products.....	30.5	12.2	3.3	(D)	(D)	3.2	.2	.7	(D)	-
30	Rubber and miscellaneous plastics products.....	1.0	1.0	.2	-	-	(D)	-	(D)	-	-
32	Stone, clay, and glass products.....	2.2	2.2	.7	-	-	1.2	.1	.2	-	-
34	Fabricated metal products.....	.5	.5	.1	-	-	.3	.1	-	-	-
35	Machinery, except electrical.....	.5	.5	.2	-	-	(D)	(D)	-	-	-
36	Electric and electronic equipment.....	1.0	1.0	.4	-	.2	.2	.2	-	-	-
37	Transportation equipment.....	2.9	1.3	.4	-	-	.3	.3	.2	1.6	(D)
	District of Columbia.....	.2	.2	.1	-	-	.1	-	-	-	-
	Virginia.....	306.5	262.7	91.6	34.6	9.3	109.9	3.5	13.8	(D)	-
20	Food and kindred products.....	6.8	(D)	(D)	-	-	(D)	(D)	(D)	-	-
21	Tobacco products.....	1.6	1.6	.6	-	.2	(D)	.2	(D)	-	-
22	Textile mill products.....	13.3	13.3	10.2	(D)	(D)	1.3	.5	.7	-	-
24	Lumber and wood products.....	.8	.8	(D)	-	-	.2	-	(D)	-	-
25	Furniture and fixtures.....	1.5	1.5	(D)	(D)	-	-	-	-	-	-
26	Paper and allied products.....	79.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
28	Chemicals and allied products.....	138.5	136.5	33.2	10.3	4.0	82.2	1.1	5.7	(D)	-
30	Rubber and miscellaneous plastics products.....	20.7	20.7	(D)	(D)	(D)	4.9	.1	1.1	-	-
32	Stone, clay, and glass products.....	1.3	1.3	.7	-	-	.5	.1	-	-	-
34	Fabricated metal products.....	.2	.2	-	-	-	.2	-	-	-	-
35	Machinery, except electrical.....	.2	.2	-	-	-	.1	.1	-	-	-
36	Electric and electronic equipment.....	1.4	1.4	.5	-	.1	.6	.2	-	-	-
37	Transportation equipment.....	11.7	1.5	.4	-	(D)	.4	.3	(D)	-	-
	West Virginia.....	533.7	530.4	65.5	129.2	6.8	304.9	2.7	21.3	3.3	(D)
20	Food and kindred products.....	.2	.2	.1	-	-	.1	-	-	-	-
26	Paper and allied products.....	.1	.1	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	345.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	Stone, clay, and glass products.....	1.9	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)
33	Primary metal industries.....	171.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
34	Fabricated metal products.....	.6	.6	.2	-	-	.2	-	.1	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Brackish water—Continued				Salt water					
		Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
		Steam elec- tric power generation	Other					Steam elec- tric power generation	Other		
	West North Central Division--Con.										
	Missouri--Continued										
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
	North Dakota.....	-	-	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
	South Dakota.....	-	-	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
	Nebraska.....	-	(D)	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
	Kansas.....	-	(D)	-	0.9	-	-	-	-	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	-	-	-	-	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	.9	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
	South Atlantic Division.....	159.5	310.4	-	(D)	91.2	9.1	23.9	(D)	-	(D)
	Delaware.....	(D)	(D)	-	-	(D)	(D)	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	(D)	(D)	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
	Maryland.....	(D)	(D)	-	(D)	8.2	-	-	(D)	-	(D)
20	Food and kindred products.....	-	-	-	-	(D)	-	-	(D)	-	-
28	Chemicals and allied products.....	-	(D)	-	-	(D)	-	-	(D)	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	.8	-	(D)	-	-	-	-	-	-
	District of Columbia.....	-	-	-	-	-	-	-	-	-	-
	Virginia.....	-	(D)	-	-	(D)	(D)	-	(D)	-	(D)
20	Food and kindred products.....	-	-	-	-	(D)	-	-	(D)	-	-
21	Tobacco products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
24	Lumber and wood products.....	-	-	-	-	-	-	-	-	-	-
25	Furniture and fixtures.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	(D)	-	-	(D)	-	-
28	Chemicals and allied products.....	-	(D)	-	-	(D)	(D)	-	(D)	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	10.2	(D)	-	(D)	-	-
	West Virginia.....	-	2.7	-	(D)	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	(D)	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	(D)	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Total water intake	Fresh water							Brackish water	
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses	Total	Process
					Steam electric power generation	Air conditioning	Other				
	South Atlantic Division--Continued										
	North Carolina.....	190.4	189.5	110.8	17.9	5.2	36.7	4.9	13.8	0.9	
20	Food and kindred products.....	5.5	5.4	4.3	-	.1	.5	.3	.3	-	
21	Tobacco products.....	2.3	2.3	.9	.1	.3	.2	.3	.4	-	
22	Textile mill products.....	46.3	46.3	35.0	(D)	2.1	3.1	(D)	3.7	-	
24	Lumber and wood products.....	.7	.7	.1	-	-	.4	-	.1	-	
25	Furniture and fixtures.....	.5	.5	.1	-	-	.1	.1	.1	-	
26	Paper and allied products.....	91.5	91.5	56.1	16.5	.5	11.8	.6	6.0	-	
28	Chemicals and allied products.....	21.4	20.5	9.9	(D)	.7	5.8	(D)	2.3	.8	
30	Rubber and miscellaneous plastics products.....	5.9	5.9	1.4	-	(D)	(D)	.2	.3	-	
32	Stone, clay, and glass products.....	1.6	1.6	.7	-	-	.6	.1	.2	-	
33	Primary metal industries.....	1.3	1.3	.2	-	-	1.0	-	.1	-	
34	Fabricated metal products.....	.4	.4	.3	-	-	.1	-	-	-	
36	Electric and electronic equipment.....	3.0	3.0	1.3	-	.3	1.0	.2	.1	-	
38	Instruments and related products.....	1.2	1.2	.1	-	-	.8	.1	.1	-	
	South Carolina.....	146.4	145.2	78.0	9.0	11.2	36.3	2.9	7.8	(D)	(D)
20	Food and kindred products.....	2.3	2.3	1.2	.1	-	.2	.4	.4	-	
22	Textile mill products.....	42.3	42.3	32.0	.6	2.9	2.0	1.5	3.1	-	
24	Lumber and wood products.....	.4	.4	.2	-	-	.1	-	.1	-	
26	Paper and allied products.....	55.7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
28	Chemicals and allied products.....	33.6	33.2	3.0	(D)	6.0	21.3	(D)	1.5	.4	(D)
30	Rubber and miscellaneous plastics products.....	2.8	2.8	.1	(D)	(D)	1.9	.1	.1	-	
32	Stone, clay, and glass products.....	1.4	1.4	.7	-	(D)	.3	.1	(D)	-	
33	Primary metal industries.....	2.6	2.6	1.3	-	-	1.2	-	.1	-	
34	Fabricated metal products.....	.4	.4	.4	-	-	-	-	-	-	
35	Machinery, except electrical.....	2.1	2.1	(D)	-	.1	(D)	.1	-	-	
	Georgia.....	262.4	223.8	109.0	19.3	6.9	72.0	4.0	12.4	(D)	
20	Food and kindred products.....	9.2	9.1	4.7	.2	.6	1.9	.8	.9	-	
22	Textile mill products.....	26.9	26.9	17.2	(D)	1.8	3.8	(D)	2.0	-	
24	Lumber and wood products.....	.3	(D)	-	-	-	(D)	-	(D)	(D)	
26	Paper and allied products.....	182.8	150.2	79.7	17.6	3.8	41.1	.9	7.0	(D)	
28	Chemicals and allied products.....	35.5	29.6	4.0	(D)	(D)	23.0	.2	1.8	(D)	
30	Rubber and miscellaneous plastics products.....	.9	.9	.1	-	-	.5	-	.2	-	
32	Stone, clay, and glass products.....	1.4	1.4	.7	.2	-	.4	.1	.1	-	
33	Primary metal industries.....	1.8	1.8	.9	-	(D)	.7	(D)	(D)	-	
34	Fabricated metal products.....	.2	.2	.2	-	-	-	-	-	-	
36	Electric and electronic equipment.....	.5	.5	.2	-	-	.1	.1	-	-	
37	Transportation equipment.....	2.3	2.3	1.1	-	.1	.2	.8	.1	-	
39	Miscellaneous manufacturing industries	.2	.2	.1	-	-	-	.1	-	-	
	Florida.....	290.9	207.0	87.8	12.1	8.6	80.9	2.9	14.6	47.3	(D)
20	Food and kindred products.....	52.9	45.1	14.4	(D)	(D)	27.2	1.2	2.0	7.8	
26	Paper and allied products.....	130.7	95.1	60.6	11.9	.6	18.0	.5	3.4	(D)	
28	Chemicals and allied products.....	92.0	56.9	8.2	(D)	(D)	32.0	.6	8.8	(D)	(D)
30	Rubber and miscellaneous plastics products.....	2.3	(D)	(D)	-	(D)	(D)	-	-	(D)	
32	Stone, clay, and glass products.....	7.9	3.8	2.9	-	-	.9	-	-	(D)	(D)
33	Primary metal industries.....	.8	.7	.4	-	-	.3	-	-	-	
34	Fabricated metal products.....	.7	.7	.3	-	-	.4	-	-	-	
36	Electric and electronic equipment.....	1.4	1.4	.4	-	.2	.5	.2	-	-	
37	Transportation equipment.....	1.8	1.8	.2	-	.3	.8	.3	.1	-	
	East South Central Division.....	1,077.2	1,017.9	314.1	84.2	43.8	517.1	15.7	42.0	(D)	(D)
	Kentucky.....	126.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	Food and kindred products.....	8.1	8.1	1.6	.1	.6	5.0	.3	.6	-	
21	Tobacco products.....	.8	.8	.2	-	.2	-	.2	.1	-	
22	Textile mill products.....	.2	.2	(D)	-	(D)	-	-	-	-	
24	Lumber and wood products.....	.1	.1	-	-	-	-	-	-	-	
26	Paper and allied products.....	12.5	12.5	8.4	(D)	(D)	2.5	-	.6	-	
28	Chemicals and allied products.....	61.2	61.2	12.8	-	.9	43.6	1.0	2.9	-	
32	Stone, clay, and glass products.....	4.6	4.6	.3	(D)	-	1.2	-	(D)	-	
33	Primary metal industries.....	20.7	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	5.5	5.5	2.0	-	-	2.8	.2	.5	-	
35	Machinery, except electrical.....	2.1	2.1	.8	-	.2	.6	.3	.1	-	
36	Electric and electronic equipment.....	3.8	3.8	1.8	-	.2	.9	.6	.3	-	
	Tennessee.....	427.3	426.5	88.3	37.9	15.7	267.8	4.6	12.2	.8	(D)
20	Food and kindred products.....	9.0	9.0	3.1	(D)	(D)	4.1	.7	.9	-	
22	Textile mill products.....	4.9	4.9	3.8	(D)	.4	.3	.1	(D)	-	
26	Paper and allied products.....	49.2	49.2	26.6	(D)	(D)	7.6	.3	(D)	-	
28	Chemicals and allied products.....	303.1	303.1	36.7	(D)	13.5	223.5	(D)	7.6	-	
30	Rubber and miscellaneous plastics products.....	4.1	4.1	1.0	-	.2	2.5	.1	.3	-	

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Brackish water—Continued				Salt water					
		Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
		Steam elec- tric power generation	Other					Steam elec- tric power generation	Other		
	South Atlantic Division--Continued										
	North Carolina.....	-	(D)	-	(D)	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
21	Tobacco products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
24	Lumber and wood products.....	-	-	-	-	-	-	-	-	-	-
25	Furniture and fixtures.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	(D)	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-
	South Carolina.....	-	(D)	-	(D)	(D)	-	-	(D)	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
24	Lumber and wood products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	(D)	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
	Georgia.....	(D)	(D)	-	-	(D)	-	-	(D)	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
24	Lumber and wood products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	(D)	(D)	-	-	(D)	-	-	(D)	-	-
28	Chemicals and allied products.....	-	(D)	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
39	Miscellaneous manufacturing industries	-	-	-	-	-	-	-	-	-	-
	Florida.....	(D)	39.9	-	-	36.5	(D)	23.9	(D)	-	(D)
20	Food and kindred products.....	-	7.8	-	-	-	-	-	-	-	-
26	Paper and allied products.....	(D)	(D)	-	-	(D)	-	(D)	(D)	-	(D)
28	Chemicals and allied products.....	-	(D)	-	-	(D)	(D)	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	(D)	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	(D)	-	(D)	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
	East South Central Division.....	(D)	(D)	-	(D)	(D)	(D)	-	(D)	-	-
	Kentucky.....	-	(D)	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
21	Tobacco products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
24	Lumber and wood products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	(D)	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
	Tennessee.....	-	(D)	-	(D)	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Total water intake	Fresh water							Brackish water	
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses	Total	Process
					Steam electric power generation	Air conditioning	Other				
	East South Central Division--Con.										
	Tennessee--Continued										
31	Leather and leather products.....	0.4	0.4	0.3	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	11.9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	Primary metal industries.....	37.8	37.8	11.3	(D)	(D)	20.8	0.3	0.4	-	-
34	Fabricated metal products.....	1.2	(D)	(D)	-	-	(D)	(D)	-	(D)	-
35	Machinery, except electrical.....	1.4	1.4	.6	-	0.1	.3	.1	.3	-	-
36	Electric and electronic equipment.....	1.4	1.4	.7	-	.1	.3	.3	-	-	-
37	Transportation equipment.....	2.3	2.3	.8	-	.1	1.1	.2	.2	-	-
	Alabama.....	396.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	Food and kindred products.....	6.0	6.0	3.9	-	-	1.0	.7	.4	-	-
22	Textile mill products.....	7.8	7.8	4.7	-	1.6	.4	.4	.7	-	-
26	Paper and allied products.....	184.6	151.8	104.7	22.5	4.3	12.0	2.1	6.2	(D)	(D)
28	Chemicals and allied products.....	109.3	108.6	9.7	-	(D)	78.4	.5	(D)	0.7	(D)
29	Petroleum and coal products.....	1.1	(D)	(D)	(D)	-	(D)	-	(D)	(D)	-
30	Rubber and miscellaneous plastics products.....	8.6	8.6	.8	-	.1	7.1	.1	.4	-	-
32	Stone, clay, and glass products.....	2.6	1.8	.5	-	-	1.0	-	.3	.8	(D)
33	Primary metal industries.....	65.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
34	Fabricated metal products.....	1.7	1.7	.8	-	-	.7	.2	-	-	-
35	Machinery, except electrical.....	.2	.2	.1	-	-	.1	-	-	-	-
36	Electric and electronic equipment.....	1.0	1.0	.4	-	.1	.1	.1	.1	-	-
	Mississippi.....	127.2	104.3	44.4	9.8	1.4	39.7	1.7	6.5	(D)	-
20	Food and kindred products.....	5.9	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-
22	Textile mill products.....	1.5	1.5	.4	-	.5	(D)	-	(D)	-	-
24	Lumber and wood products.....	4.4	4.4	(D)	-	-	1.0	.1	(D)	-	-
25	Furniture and fixtures.....	.4	.4	(D)	-	-	.1	-	(D)	-	-
26	Paper and allied products.....	49.5	49.5	31.5	(D)	(D)	(D)	(D)	1.4	-	-
28	Chemicals and allied products.....	46.6	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
30	Rubber and miscellaneous plastics products.....	1.1	1.1	.5	-	-	.5	-	.1	-	-
32	Stone, clay, and glass products.....	8.1	3.3	1.6	(D)	-	.8	(D)	.4	(D)	-
33	Primary metal industries.....	.4	.4	.2	-	-	.2	-	-	-	-
34	Fabricated metal products.....	.7	.7	.7	-	-	-	-	-	-	-
35	Machinery, except electrical.....	.2	.2	-	-	-	.1	-	-	-	-
36	Electric and electronic equipment.....	.8	.8	.4	-	-	.2	.1	-	-	-
	West South Central Division.....	3,128.6	1,629.7	346.1	224.7	33.5	863.1	19.8	142.3	585.6	23.2
	Arkansas.....	81.9	77.8	44.4	(D)	(D)	14.7	1.9	5.2	(D)	-
20	Food and kindred products.....	9.0	9.0	5.3	-	-	2.3	.7	.6	-	-
22	Textile mill products.....	1.6	1.6	1.3	-	-	-	.1	.1	-	-
24	Lumber and wood products.....	5.7	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-
25	Furniture and fixtures.....	.3	.3	.1	-	-	.1	-	.1	-	-
26	Paper and allied products.....	48.2	48.2	33.1	(D)	(D)	4.9	(D)	2.7	-	-
28	Chemicals and allied products.....	10.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
29	Petroleum and coal products.....	.3	.3	.2	-	-	-	-	.1	-	-
30	Rubber and miscellaneous plastics products.....	1.0	1.0	.2	-	-	.6	.1	.1	-	-
32	Stone, clay, and glass products.....	.4	.4	.3	-	-	-	-	-	-	-
33	Primary metal industries.....	2.4	2.4	(D)	-	-	(D)	-	.1	-	-
34	Fabricated metal products.....	1.0	1.0	.5	-	-	.4	.1	-	-	-
36	Electric and electronic equipment.....	.7	.7	.2	-	-	.3	.1	-	-	-
	Louisiana.....	1,349.8	1,047.1	137.2	187.2	7.0	658.6	6.0	51.1	(D)	(D)
20	Food and kindred products.....	45.1	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
24	Lumber and wood products.....	1.5	1.5	(D)	-	-	(D)	-	.8	-	-
26	Paper and allied products.....	95.8	95.8	78.5	5.2	1.2	4.1	.7	6.2	-	-
28	Chemicals and allied products.....	829.6	691.8	47.4	(D)	(D)	553.5	2.7	18.0	(D)	(D)
29	Petroleum and coal products.....	246.8	88.6	4.7	-	(D)	58.2	(D)	23.1	158.2	(D)
32	Stone, clay, and glass products.....	1.7	1.1	.7	-	-	.4	-	-	.6	-
34	Fabricated metal products.....	.7	.7	-	-	-	.2	.2	.2	-	-
	Oklahoma.....	27.2	26.2	11.8	(D)	(D)	8.3	1.2	4.2	1.0	(D)
20	Food and kindred products.....	2.0	2.0	1.5	-	-	.1	.2	.2	-	-
26	Paper and allied products.....	9.2	9.2	7.6	-	-	(D)	(D)	(D)	-	-
28	Chemicals and allied products.....	1.0	1.0	.3	-	-	.4	-	.2	-	-
29	Petroleum and coal products.....	9.6	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-
30	Rubber and miscellaneous plastics products.....	1.9	1.9	.2	-	(D)	1.2	(D)	.2	-	-
32	Stone, clay, and glass products.....	1.0	1.0	.3	-	-	.6	-	-	-	-
33	Primary metal industries.....	.5	(D)	(D)	-	-	(D)	-	-	(D)	(D)
34	Fabricated metal products.....	.2	.2	.1	-	-	-	-	-	-	-
35	Machinery, except electrical.....	.2	.2	.1	-	-	-	-	-	-	-
37	Transportation equipment.....	.5	.5	.1	-	(D)	(D)	.2	-	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Brackish water—Continued				Salt water					
		Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
		Steam elec- tric power generation	Other					Steam elec- tric power generation	Other		
	East South Central Division--Con.										
	Tennessee--Continued										
31	Leather and leather products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	(D)	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	(D)	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-
	Alabama.....	(D)	(D)	-	(D)	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	(D)	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	-	-	-	-	-	-
29	Petroleum and coal products.....	-	(D)	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	(D)	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	(D)	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
	Mississippi.....	-	(D)	-	-	(D)	(D)	-	(D)	-	-
20	Food and kindred products.....	-	-	-	-	(D)	-	-	(D)	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
24	Lumber and wood products.....	-	-	-	-	-	-	-	-	-	-
25	Furniture and fixtures.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	(D)	(D)	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
	West South Central Division.....	163.8	391.3	0.7	6.6	913.2	51.5	309.9	550.5	-	1.2
	Arkansas.....	-	-	-	(D)	(D)	(D)	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
24	Lumber and wood products.....	-	-	-	(D)	-	-	-	-	-	-
25	Furniture and fixtures.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	(D)	(D)	-	-	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
	Louisiana.....	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	-	-
20	Food and kindred products.....	-	(D)	-	(D)	-	-	-	-	-	-
24	Lumber and wood products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	(D)	(D)	-	(D)	(D)	(D)	-	-	-	-
29	Petroleum and coal products.....	(D)	131.2	-	(D)	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	.5	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
	Oklahoma.....	-	(D)	-	(D)	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
29	Petroleum and coal products.....	-	(D)	-	(D)	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Total water intake	Fresh water							Brackish water	
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses	Total	Process
					Steam electric power generation	Air conditioning	Other				
	West South Central Division--Con.										
	Texas.....	1,669.8	478.7	152.7	27.3	24.6	181.6	10.7	81.8	282.3	17.7
20	Food and kindred products.....	21.8	20.4	9.4	.2	.2	7.8	1.2	1.6	(D)	-
24	Lumber and wood products.....	3.0	(D)	(D)	(D)	-	(D)	-	(D)	(D)	-
26	Paper and allied products.....	59.7	59.7	50.7	2.6	1.5	2.2	.6	2.0	-	-
28	Chemicals and allied products.....	930.1	161.7	36.9	(D)	(D)	80.9	4.1	31.9	112.2	(D)
29	Petroleum and coal products.....	272.6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	157.8	(D)
30	Rubber and miscellaneous plastics products.....	1.9	1.9	.3	-	-	1.1	.1	.3	-	-
32	Stone, clay, and glass products.....	7.1	6.1	4.5	-	-	1.2	.1	.2	(D)	-
33	Primary metal industries.....	350.9	96.7	38.2	(D)	2.5	28.4	(D)	4.1	(D)	-
34	Fabricated metal products.....	2.1	2.1	.6	-	.1	.2	.3	.9	-	-
35	Machinery, except electrical.....	2.4	2.4	.5	-	.2	(D)	.3	(D)	-	-
36	Electric and electronic equipment....	2.8	2.8	1.6	-	(D)	.1	.5	(D)	-	-
37	Transportation equipment.....	14.6	(D)	.5	-	(D)	.4	.2	.2	(D)	(D)
38	Instruments and related products....	.4	.4	(D)	-	-	-	(D)	-	-	-
	Mountain Division.....	208.2	183.8	68.5	22.8	1.5	75.1	5.1	10.8	(D)	(D)
	Montana.....	47.9	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)
20	Food and kindred products.....	3.0	(D)	(D)	-	-	(D)	-	(D)	(D)	(D)
28	Chemicals and allied products.....	2.5	2.5	(D)	-	-	(D)	-	-	-	-
	Idaho.....	40.9	40.9	28.0	1.7	.2	8.4	.7	1.9	-	-
20	Food and kindred products.....	15.2	15.2	9.0	(D)	-	5.0	(D)	.6	-	-
28	Chemicals and allied products.....	6.2	6.2	2.7	-	-	3.0	.1	.3	-	-
	Wyoming.....	5.9	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-
29	Petroleum and coal products.....	3.7	3.7	.2	-	-	2.5	(D)	(D)	-	-
	Colorado.....	52.1	46.5	6.6	17.9	.3	18.1	1.7	2.0	5.5	(D)
20	Food and kindred products.....	12.3	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	-
29	Petroleum and coal products.....	1.0	1.0	(D)	-	-	.5	(D)	.2	-	-
32	Stone, clay, and glass products.....	1.5	1.5	.8	-	-	.4	-	.2	-	-
34	Fabricated metal products.....	.2	.2	(D)	-	-	-	(D)	-	-	-
35	Machinery, except electrical.....	.4	.4	.1	-	-	-	.1	.1	-	-
	New Mexico.....	3.6	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)
20	Food and kindred products.....	1.0	1.0	.4	-	-	.3	(D)	(D)	-	-
29	Petroleum and coal products.....	.2	.2	-	-	-	.1	-	.1	-	-
	Arizona.....	19.0	17.7	10.9	.9	(D)	3.4	(D)	1.1	1.3	(D)
20	Food and kindred products.....	2.2	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
32	Stone, clay, and glass products.....	.7	.7	.5	-	-	-	-	-	-	-
33	Primary metal industries.....	9.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	.4	.4	.1	-	.1	.2	.2	-	-	-
36	Electric and electronic equipment....	2.0	2.0	.9	-	.4	(D)	(D)	.1	-	-
	Utah.....	32.5	18.5	7.8	2.3	.2	5.6	.7	1.9	(D)	(D)
20	Food and kindred products.....	2.4	2.4	.5	-	-	1.7	-	.1	-	-
28	Chemicals and allied products.....	7.8	.1	.1	-	-	-	-	-	(D)	(D)
29	Petroleum and coal products.....	3.1	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	-
32	Stone, clay, and glass products.....	.3	(D)	(D)	-	-	(D)	-	-	-	-
33	Primary metal industries.....	18.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	.1	.1	(D)	-	-	-	(D)	-	-	-
	Nevada.....	6.2	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
28	Chemicals and allied products.....	3.2	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)
32	Stone, clay, and glass products.....	.6	.6	.4	-	-	.1	.1	-	-	-
	Pacific Division.....	1,037.9	769.6	455.5	46.1	5.1	188.4	15.1	58.8	78.6	8.7
	Washington.....	362.2	344.5	248.8	6.6	.9	66.0	3.6	18.5	5.1	-
20	Food and kindred products.....	16.7	16.7	5.8	(D)	(D)	7.8	.5	2.0	-	-
24	Lumber and wood products.....	50.2	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-
26	Paper and allied products.....	222.8	220.8	184.2	1.8	.1	24.7	.8	9.2	(D)	-
28	Chemicals and allied products.....	27.6	19.4	4.9	-	-	13.7	(D)	(D)	-	-
29	Petroleum and coal products.....	3.7	3.7	.2	-	-	2.3	.1	1.1	-	-
32	Stone, clay, and glass products.....	2.9	(D)	(D)	-	-	(D)	-	-	(D)	-
33	Primary metal industries.....	34.5	27.2	9.0	-	(D)	12.6	(D)	4.6	(D)	-
34	Fabricated metal products.....	.2	.2	.1	(D)	-	(D)	-	-	-	-
37	Transportation equipment.....	3.3	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Brackish water—Continued				Salt water					
		Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
		Steam elec- tric power generation	Other					Steam elec- tric power generation	Other		
	West South Central Division--Con.										
	Texas.....	(D)	219.2	(D)	3.4	908.8	(D)	309.9	(D)	-	1.2
20	Food and kindred products.....	-	(D)	-	-	(D)	-	-	(D)	-	-
24	Lumber and wood products.....	-	-	-	(D)	-	-	-	-	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	(D)	88.9	-	-	656.2	0.1	(D)	(D)	-	(D)
29	Petroleum and coal products.....	(D)	129.3	(D)	(D)	(D)	(D)	-	(D)	-	(D)
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	(D)	-	-	(D)	-	-	-	-	(D)
33	Primary metal industries.....	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	(D)	(D)	-	(D)	-	-	-	-	(D)
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-
	Mountain Division.....	(D)	(D)	-	(D)	(D)	(D)	-	-	-	-
	Montana.....	-	(D)	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
	Idaho.....	-	-	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
	Wyoming.....	-	(D)	-	-	-	-	-	-	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
	Colorado.....	-	(D)	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
	New Mexico.....	-	-	-	-	-	-	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
	Arizona.....	-	(D)	-	.1	-	-	-	-	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
	Utah.....	(D)	(D)	-	(D)	(D)	(D)	-	-	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	(D)	-	(D)	(D)	(D)	-	-	-	-
29	Petroleum and coal products.....	-	(D)	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	(D)	(D)	-	-	-	-
33	Primary metal industries.....	(D)	(D)	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	-	-	-	-	-	-
	Nevada.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
	Pacific Division	29.5	35.6	0.1	4.7	189.7	24.9	6.7	157.2	-	.9
	Washington.....	(D)	(D)	-	-	12.6	6.0	-	6.6	-	-
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
24	Lumber and wood products.....	-	-	-	-	(D)	(D)	-	-	-	-
26	Paper and allied products.....	(D)	-	-	-	(D)	(D)	-	(D)	-	-
28	Chemicals and allied products.....	-	-	-	-	8.1	(D)	-	(D)	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	(D)	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	(D)	-	-	(D)	-	-	(D)	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	(D)	-	-	-	-	-

See footnotes at end of table.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Total water intake	Fresh water							Brackish water	
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses	Total	Process
					Steam electric power generation	Air conditioning	Other				
	Pacific Division--Continued										
	Oregon.....	157.1	145.5	71.7	11.4	(D)	52.6	(D)	7.7	(D)	(D)
20	Food and kindred products.....	9.3	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)
24	Lumber and wood products.....	31.4	20.3	3.1	(D)	(D)	4.5	0.4	2.1	(D)	(D)
26	Paper and allied products.....	90.1	90.1	58.1	(D)	(D)	26.0	.3	4.4	-	-
29	Petroleum and coal products.....	.2	.2	-	-	-	.1	-	.1	-	-
32	Stone, clay, and glass products.....	1.1	1.1	(D)	-	-	(D)	-	-	-	-
33	Primary metal industries.....	11.4	11.4	4.1	-	(D)	6.6	(D)	.1	-	-
34	Fabricated metal products.....	.4	.4	(D)	-	(D)	.1	-	-	-	-
	California.....	430.4	215.3	104.1	8.9	3.6	61.8	9.6	27.4	39.3	4.3
20	Food and kindred products.....	137.4	47.5	23.6	(D)	(D)	14.7	3.3	4.5	(D)	(D)
22	Textile mill products.....	1.3	1.3	1.0	-	-	-	-	.2	-	-
24	Lumber and wood products.....	34.6	34.6	22.6	4.5	-	4.6	.5	2.4	-	-
26	Paper and allied products.....	48.2	38.3	29.6	3.1	.2	3.7	.2	1.5	(D)	(D)
28	Chemicals and allied products.....	39.2	21.0	5.1	(D)	-	12.5	(D)	2.7	9.5	.1
29	Petroleum and coal products.....	112.8	34.7	4.2	-	.1	17.2	1.3	12.0	17.9	(D)
30	Rubber and miscellaneous plastics products.....	2.3	2.3	.4	-	.1	1.1	.1	.5	-	-
31	Leather and leather products.....	.2	.2	.1	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	18.6	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-
33	Primary metal industries.....	11.0	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-
34	Fabricated metal products.....	5.2	5.2	4.0	-	-	.5	.3	.3	-	-
35	Machinery, except electrical.....	2.8	(D)	(D)	-	(D)	(D)	(D)	(D)	-	-
36	Electric and electronic equipment.....	4.4	4.4	2.5	-	.4	.5	.7	.2	-	-
37	Transportation equipment.....	11.7	9.7	3.5	-	1.2	2.2	2.0	.8	-	-
38	Instruments and related products.....	.6	.6	.2	-	-	.2	.2	-	-	-
39	Miscellaneous manufacturing industries	.1	.1	-	-	-	-	-	-	-	-
	Alaska.....	32.1	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-
	Hawaii.....	56.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	Food and kindred products.....	53.5	30.3	7.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Figures shown for States and divisions include data for all component industry groups whether or not separate figures are shown for individual industry groups.

TABLE 3B. Water Intake, by Purpose and Kind, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Brackish water—Continued				Salt water					
		Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
		Steam electric power generation	Other					Steam electric power generation	Other		
	Pacific Division--Continued										
	Oregon.....	(D)	(D)	-	(D)	(D)	-	-	(D)	-	-
20	Food and kindred products.....	-	(D)	-	-	-	-	-	-	-	-
24	Lumber and wood products.....	(D)	-	-	(D)	(D)	-	-	(D)	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-	-	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal industries.....	-	-	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
	California.....	(D)	30.7	0.1	(D)	175.3	18.8	6.7	149.0	-	0.8
20	Food and kindred products.....	-	(D)	-	-	(D)	.6	(D)	(D)	-	-
22	Textile mill products.....	-	-	-	-	-	-	-	-	-	-
24	Lumber and wood products.....	-	-	-	-	-	-	-	-	-	-
26	Paper and allied products.....	(D)	(D)	-	-	(D)	(D)	(D)	-	-	(D)
28	Chemicals and allied products.....	(D)	(D)	-	-	8.6	7.8	-	.8	-	-
29	Petroleum and coal products.....	-	(D)	-	-	60.2	-	-	60.2	-	-
30	Rubber and miscellaneous plastics products.....	-	-	-	-	-	-	-	-	-	-
31	Leather and leather products.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	(D)	(D)	-	(D)	-	-
33	Primary metal industries.....	-	(D)	-	-	-	-	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	-	-	-	(D)	-	-	(D)	-	-
36	Electric and electronic equipment.....	-	-	-	-	-	-	-	-	-	-
37	Transportation equipment.....	-	-	-	-	2.0	-	-	(D)	-	(D)
38	Instruments and related products.....	-	-	-	-	-	-	-	-	-	-
39	Miscellaneous manufacturing industries	-	-	-	-	-	-	-	-	-	-
	Alaska.....	-	-	-	-	(D)	(D)	-	-	-	-
	Hawaii.....	(D)	(D)	-	-	(D)	-	-	(D)	-	-
20	Food and kindred products.....	(D)	(D)	-	-	(D)	-	-	(D)	-	-

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

TABLE 3C. Water Intake by Purpose and Kind, for Water Use Regions and Major Industry Groups: 1973

(Billion gallons)										
SIC code	Water Use Region (WUR) and major industry group	Total water intake	Fresh water							
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses	
					Steam elec- tric power generation	Air condition- ing	Other			
	UNITED STATES, TOTAL	15024.3	12194.9	3772.4	1980.1	278.0	5344.3	206.6	610.0	
	NEW ENGLAND (WUR).	665.4	593.3	265.8	215.3	7.2	70.9	17.1	16.8	
20	FOOD AND KINDRED PRODUCTS. . .	16.1	9.5	3.6	.1	.3	3.7	.9	.9	
22	TEXTILE MILL PRODUCTS.	14.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
26	PAPER AND ALLIED PRODUCTS. . .	397.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
28	CHEMICALS AND ALLIED PRODUCTS. .	67.1	19.9	7.4	.1	.4	9.9	.3	1.8	
29	PETROLEUM AND COAL PRODUCTS. .	1.1	1.1	.3	-	-	.7	-	.1	
30	RUBBER, MISC. PLASTICS PROD. . .	23.8	22.4	1.3	-	.3	19.8	.3	.7	
31	LEATHER AND LEATHER PRODUCTS. .	3.0	3.0	2.7	-	-	.1	.1	.1	
32	STONE, CLAY, GLASS PRODUCTS. . .	4.1	3.0	.6	(D)	(D)	1.6	.1	.1	
33	PRIMARY METAL INDUSTRIES. . . .	22.3	21.4	10.1	(D)	.1	6.6	(D)	.7	
34	FABRICATED METAL PRODUCTS. . . .	14.6	14.6	9.0	(D)	(D)	1.8	.6	.4	
35	MACHINERY, EXCEPT ELECTRICAL. .	21.7	(D)	(D)	(D)	(D)	(D)	(D)	1.3	
36	ELECTRIC, ELECTRONIC EQUIP. . . .	7.0	7.0	2.2	-	1.0	2.6	.7	.4	
37	TRANSPORTATION EQUIPMENT. . . .	58.2	(D)	(D)	-	(D)	(D)	(D)	(D)	
38	INSTRUMENTS, RELATED PRODUCTS. .	9.3	9.3	2.5	(D)	(D)	1.0	.4	.2	
39	MISC. MANUFACTURING INDUSTRIES. .	4.7	4.7	1.7	(D)	.1	1.5	(D)	.2	
	MIDDLE ATLANTIC (WUR).	1857.4	1178.4	353.7	149.8	49.5	537.9	24.3	62.7	
20	FOOD AND KINDRED PRODUCTS. . .	78.8	61.0	25.2	1.1	.6	23.2	4.2	6.6	
21	TOBACCO PRODUCTS	2.3	2.3	.8	-	.3	(D)	.2	(D)	
22	TEXTILE MILL PRODUCTS.	12.9	12.9	9.6	-	.2	1.4	.5	1.0	
24	LUMBER AND WOOD PRODUCTS . . . .	.5	.5	.1	-	-	.2	-	.1
25	FURNITURE AND FIXTURES	1.7	1.7	.2	(D)	-	(D)	.1	-	
26	PAPER AND ALLIED PRODUCTS. . . .	181.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
28	CHEMICALS AND ALLIED PRODUCTS. .	429.7	299.1	68.9	18.0	9.4	181.5	3.5	17.7	
29	PETROLEUM AND COAL PRODUCTS. . .	369.9	131.5	8.8	(D)	.1	70.3	1.1	(D)	
30	RUBBER, MISC. PLASTICS PROD. . .	34.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
31	LEATHER AND LEATHER PRODUCTS. .	.9	.9	.8	-	-	-	-	-	
32	STONE, CLAY, GLASS PRODUCTS. . .	34.7	27.3	9.3	4.3	.2	11.2	.9	1.4	
33	PRIMARY METAL INDUSTRIES. . . .	599.6	335.9	99.0	41.7	8.9	175.4	3.8	7.0	
34	FABRICATED METAL PRODUCTS. . . .	8.3	8.3	2.4	-	.2	4.2	.9	.5	
35	MACHINERY, EXCEPT ELECTRICAL. .	42.8	42.7	1.5	(D)	13.3	25.0	1.3	(D)	
36	ELECTRIC, ELECTRONIC EQUIP. . . .	26.4	25.0	8.5	-	4.9	7.3	3.4	.8	
37	TRANSPORTATION EQUIPMENT. . . .	26.6	12.5	3.2	-	3.3	2.9	1.8	1.2	
38	INSTRUMENTS, RELATED PRODUCTS. .	5.0	5.0	.9	-	2.5	.5	.9	.2	
39	MISC. MANUFACTURING INDUSTRIES. .	1.9	1.7	.7	-	.1	.5	.2	.2	
	SOUTH ATLANTIC (WUR).	1280.2	1097.4	532.5	103.7	42.1	327.7	21.8	68.9	
20	FOOD AND KINDRED PRODUCTS. . .	79.8	71.3	30.5	.5	.8	31.4	3.7	4.3	
21	TOBACCO PRODUCTS	2.3	2.3	.9	.1	.3	.2	.3	.4	
22	TEXTILE MILL PRODUCTS.	127.4	127.3	92.4	2.2	8.5	9.3	5.0	9.8	
24	LUMBER AND WOOD PRODUCTS	12.7	12.7	3.3	(D)	-	1.6	.2	(D)	
25	FURNITURE AND FIXTURES	1.1	1.1	.2	-	-	.2	.1	.4	
26	PAPER AND ALLIED PRODUCTS. . . .	679.4	577.5	349.7	82.0	9.9	103.4	4.3	28.0	
28	CHEMICALS AND ALLIED PRODUCTS. .	244.6	183.7	27.6	7.3	17.2	111.6	2.8	17.3	
29	PETROLEUM AND COAL PRODUCTS. . .	7.3	6.9	.7	(D)	-	4.4	.1	(D)	
30	RUBBER, MISC. PLASTICS PROD. . .	11.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
32	STONE, CLAY, GLASS PRODUCTS. . .	21.1	11.5	5.6	(D)	(D)	3.7	.4	1.0	
33	PRIMARY METAL INDUSTRIES. . . .	65.3	65.2	13.8	4.7	(D)	40.7	1.4	(D)	
34	FABRICATED METAL PRODUCTS. . . .	2.9	2.9	1.3	-	-	1.2	.3	.1	
35	MACHINERY, EXCEPT ELECTRICAL. .	11.2	11.2	.7	-	.3	9.7	.3	.1	
36	ELECTRIC, ELECTRONIC EQUIP. . . .	7.0	7.0	2.5	-	.8	2.8	.7	.3	
37	TRANSPORTATION EQUIPMENT. . . .	6.2	(D)	(D)	-	(D)	(D)	(D)	(D)	
38	INSTRUMENTS, RELATED PRODUCTS. .	.8	.8	.4	-	.1	.2	.1	.1	
39	MISC. MANUFACTURING INDUSTRIES. .	.4	.4	.2	-	-	-	.1	-	
	GREAT LAKES.	3324.5	3263.9	903.1	662.5	69.8	1472.0	51.1	105.0	
20	FOOD AND KINDRED PRODUCTS. . .	87.3	78.0	29.5	6.4	2.1	28.3	3.6	8.0	
22	TEXTILE MILL PRODUCTS.	2.0	2.0	1.4	-	-	.3	.1	.1	
24	LUMBER AND WOOD PRODUCTS	4.1	4.1	1.3	(D)	-	(D)	.1	.1	
25	FURNITURE AND FIXTURES	1.7	1.7	.9	-	.1	.4	.1	.1	
26	PAPER AND ALLIED PRODUCTS. . . .	234.0	232.8	135.2	61.9	1.9	23.9	1.2	8.7	
28	CHEMICALS AND ALLIED PRODUCTS. .	435.4	399.4	44.3	16.1	4.8	305.4	5.4	23.3	
29	PETROLEUM AND COAL PRODUCTS. . .	167.9	167.9	11.5	(D)	.4	143.6	(D)	10.5	
30	RUBBER, MISC. PLASTICS PROD. . .	31.1	31.1	4.0	.2	.9	21.1	1.2	3.7	
31	LEATHER AND LEATHER PRODUCTS. .	2.7	(D)	(D)	(D)	-	-	(D)	(D)	
32	STONE, CLAY, GLASS PRODUCTS. . .	56.2	49.8	7.6	30.9	.4	7.4	1.1	2.3	
33	PRIMARY METAL INDUSTRIES. . . .	2113.8	2108.1	587.6	539.8	(D)	890.7	(D)	21.0	
34	FABRICATED METAL PRODUCTS. . . .	35.5	35.3	15.9	.3	.7	10.2	3.5	4.7	
35	MACHINERY, EXCEPT ELECTRICAL. .	26.4	26.4	9.3	(D)	(D)	9.0	3.6	2.2	
36	ELECTRIC, ELECTRONIC EQUIP. . . .	23.7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
37	TRANSPORTATION EQUIPMENT. . . .	84.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
38	INSTRUMENTS, RELATED PRODUCTS. .	16.1	16.1	9.4	(D)	.5	1.9	.7	(D)	
39	MISC. MANUFACTURING INDUSTRIES. .	1.8	1.8	.5	-	.1	.4	.2	.6	
	OHIO (WUR).	2288.2	2256.3	494.1	414.4	22.0	1214.9	27.9	82.5	
20	FOOD AND KINDRED PRODUCTS. . .	35.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
21	TOBACCO PRODUCTS . . . . .	.8	.8	.2	-	.2	-	.2	.1
22	TEXTILE MILL PRODUCTS.	3.1	3.0	(D)	-	.1	(D)	.1	.1	
24	LUMBER AND WOOD PRODUCTS . . . .	.9	.9	.1	-	-	.1	.1	.6

See footnotes at end of table.

TABLE 3C. Water Intake by Purpose and Kind, for Water Use Regions and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Brackish water						Salt water					
		Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
				Steam electric power generation	Other					Steam electric power generation	Other		
	UNITED STATES, TOTAL	1395.6	68.7	379.0	929.2	1.0	17.5	1433.8	109.5	367.7	946.1	0.1	10.3
	NEW ENGLAND (WUR).	7.9	(D)	(D)	6.1	-	-	64.2	(D)	20.1	43.2	-	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
22	TEXTILE MILL PRODUCTS.	(D)	(D)	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	-	-	(D)	-	-	(D)	-	(D)	(D)	-	-
29	PETROLEUM AND COAL PRODUCTS. .	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	1.4	-	-	1.4	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	-	-	-	-	(D)	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES.	(D)	(D)	-	-	-	-	(D)	(D)	-	(D)	-	-
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	-	(D)	-	(D)	(D)	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	-	-	-	-	-	-	(D)	(D)	-	(D)	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-	-	-	-
	MIDDLE ATLANTIC (WUR).	464.0	4.5	135.9	322.8	.1	.8	215.0	18.3	7.1	183.1	-	6.4
20	FOOD AND KINDRED PRODUCTS. . .	2.7	.1	-	2.6	-	-	15.0	-	-	15.0	-	-
21	TOBACCO PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	-	-	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	-	-	-	-	-	-	(D)	-	-	(D)	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	82.5	-	(D)	(D)	-	-	48.1	1.2	(D)	37.6	-	(D)
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	-	-	-	(D)	(D)	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-	(D)
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
37	TRANSPORTATION EQUIPMENT. . . .	3.3	(D)	-	2.4	-	(D)	10.8	5.2	-	(D)	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	-	-	(D)	-	-	(D)	-	-	-	-	-
	SOUTH ATLANTIC (WUR).	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)	-	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
21	TOBACCO PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	-	-	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	(D)	(D)	(D)	(D)	-	(D)	(D)	-	(D)	(D)	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	-	(D)	-	(D)	(D)	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	2.0	(D)	-	(D)	-	-	7.6	(D)	(D)	-	-	-
33	PRIMARY METAL INDUSTRIES. . . . .	.2	-	-	.2	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	(D)	-	-	-	-	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-	-	-	-
	GREAT LAKES.	56.6	5.6	1.5	46.7	-	2.7	4.0	3.2	-	.8	-	-
20	FOOD AND KINDRED PRODUCTS. . .	9.2	-	-	9.2	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	-	-	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	1.2	.9	-	.3	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	(D)	-	-	-	-	(D)	-	-	-	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	-	(D)	-	(D)	(D)	(D)	-	(D)	-	-
33	PRIMARY METAL INDUSTRIES.	5.7	3.2	-	2.5	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	.3	(D)	(D)	(D)	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	.1	-	-	.1	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-	-	-	-	-
	OHIO (WUR).	31.8	1.3	-	30.1	.1	.3	.2	.1	-	.1	-	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	-	(D)	-	-	-	-	-	-	-	-
21	TOBACCO PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	0.1	0.1	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3C. Water Intake by Purpose and Kind, for Water Use Regions and Major Industry Groups: 1973—Con.

(Billion gallons)									
SIC code	Water Use Region (WUR) and major industry group	Total water intake	Fresh water						
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
					Steam electric power generation	Air conditioning	Other		
	OHIO (WUR)--CONTINUED								
25	FURNITURE AND FIXTURES . . . . .	.9	(D)	(D)	-	-	(D)	(D)	-
26	PAPER AND ALLIED PRODUCTS.	72.0	72.0	36.1	16.6	.9	14.0	.7	3.9
28	CHEMICALS AND ALLIED PRODUCTS.	613.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS.	35.2	(D)	(D)	(D)	-	(D)	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD.	15.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	.2	(D)	(D)	-	-	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS.	34.1	33.7	12.4	2.3	1.5	14.6	.9	2.0
33	PRIMARY METAL INDUSTRIES.	1394.2	1392.5	346.5	335.9	7.4	650.1	12.2	40.3
34	FABRICATED METAL PRODUCTS.	17.7	17.7	7.8	-	.3	6.3	1.4	1.9
35	MACHINERY, EXCEPT ELECTRICAL.	22.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
36	ELECTRIC, ELECTRONIC EQUIP.	19.4	19.4	6.9	.1	1.7	5.1	2.1	1.5
37	TRANSPORTATION EQUIPMENT.	21.2	21.1	6.0	-	1.3	10.5	1.8	1.4
38	INSTRUMENTS, RELATED PRODUCTS.	1.3	1.3	.4	-	(D)	.5	.3	(D)
39	MISC. MANUFACTURING INDUSTRIES.	2.0	2.0	.6	-	.1	1.1	-	.1
	TENNESSEE (WUR).	529.0	528.2	118.5	45.7	31.4	313.3	5.0	14.4
20	FOOD AND KINDRED PRODUCTS.	3.8	3.8	2.3	(D)	-	.6	(D)	.5
22	TEXTILE MILL PRODUCTS.	10.8	10.8	8.4	(D)	(D)	.8	.4	.5
26	PAPER AND ALLIED PRODUCTS.	79.0	79.0	45.1	19.4	.7	9.1	.6	4.2
28	CHEMICALS AND ALLIED PRODUCTS.	366.5	366.5	42.4	20.6	29.5	264.3	2.1	7.7
30	RUBBER, MISC. PLASTICS PROD.	11.5	11.5	2.4	-	.2	8.3	.2	.4
32	STONE, CLAY, GLASS PRODUCTS.	5.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES.	45.3	45.3	12.6	(D)	(D)	26.5	.5	.7
34	FABRICATED METAL PRODUCTS.	1.2	.5	.2	-	-	(D)	.6	-
35	MACHINERY, EXCEPT ELECTRICAL.	2.3	2.3	1.3	-	.2	.3	.3	.1
36	ELECTRIC, ELECTRONIC EQUIP.	1.3	1.3	.4	-	(D)	(D)	.1	.1
37	TRANSPORTATION EQUIPMENT. . . . .	.4	.4	.2	-	-	.1	-	-
39	MISC. MANUFACTURING INDUSTRIES.								
	UPPER MISSISSIPPI.	513.0	509.6	158.4	75.7	12.5	214.4	13.9	34.6
20	FOOD AND KINDRED PRODUCTS.	122.2	120.2	31.6	9.3	2.7	62.4	5.3	4.9
22	TEXTILE MILL PRODUCTS.	1.0	1.0	.6	-	.1	.3	-	-
25	FURNITURE AND FIXTURES. . . . .	.2	.2	.2	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	110.4	110.4	61.1	35.0	.8	9.4	.6	3.6
28	CHEMICALS AND ALLIED PRODUCTS.	95.4	95.3	19.2	(D)	(D)	65.1	.6	4.5
29	PETROLEUM AND COAL PRODUCTS.	15.7	15.7	.7	(D)	(D)	11.7	.2	2.9
30	RUBBER, MISC. PLASTICS PROD.	10.5	(D)	(D)	-	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. . . . .	.6	.6	.4	-	-	.1	-	-
32	STONE, CLAY, GLASS PRODUCTS.	18.4	17.9	3.8	7.5	.2	4.2	.2	2.0
33	PRIMARY METAL INDUSTRIES.	69.0	69.0	22.2	(D)	1.8	40.4	1.2	(D)
34	FABRICATED METAL PRODUCTS.	12.9	12.9	6.8	(D)	.9	3.4	1.0	(D)
35	MACHINERY, EXCEPT ELECTRICAL.	37.1	36.6	5.3	18.0	2.4	7.7	2.2	.8
36	ELECTRIC, ELECTRONIC EQUIP.	4.4	(D)	(D)	-	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT.	4.3	6.3	2.5	-	.9	.9	1.1	.6
38	INSTRUMENTS, RELATED PRODUCTS.	1.6	1.6	.5	-	.1	.4	.3	.2
	LOWER MISSISSIPPI.	1451.6	1146.3	182.2	200.2	9.1	690.1	7.9	55.9
22	TEXTILE MILL PRODUCTS.	3.2	3.2	1.7	-	.5	.3	.2	.4
24	LUMBER AND WOOD PRODUCTS.	7.0	(D)	(D)	(D)	-	(D)	(D)	(D)
25	FURNITURE AND FIXTURES. . . . .	.3	.3	.2	-	-	.1	-	-
26	PAPER AND ALLIED PRODUCTS.	138.3	138.3	107.4	(D)	(D)	7.6	.9	6.0
28	CHEMICALS AND ALLIED PRODUCTS.	855.6	715.2	52.0	65.8	4.7	569.2	3.1	20.4
29	PETROLEUM AND COAL PRODUCTS.	246.9	88.8	4.9	-	1.0	58.1	1.6	23.2
30	RUBBER, MISC. PLASTICS PROD.	5.0	5.0	2.0	-	.2	2.3	.1	.4
32	STONE, CLAY, GLASS PRODUCTS.	4.0	3.5	2.4	-	(D)	.7	.2	(D)
34	FABRICATED METAL PRODUCTS.	2.3	2.3	1.6	-	-	.5	.1	.1
35	MACHINERY, EXCEPT ELECTRICAL.	1.0	1.0	.3	-	-	.1	.1	.4
36	ELECTRIC, ELECTRONIC EQUIP.	1.2	1.2	.5	-	-	.6	.1	-
37	TRANSPORTATION EQUIPMENT.	2.8	(D)	-	-	-	-	(D)	-
	SOURIS - RED - RAINY.	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS.	2.8	2.8	.9	.1	-	(D)	(D)	(D)
	MISSOURI (WUR).	133.3	120.5	41.9	6.4	1.9	55.8	4.2	10.3
20	FOOD AND KINDRED PRODUCTS.	46.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS.	1.1	(D)	(D)	-	-	(D)	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	20.9	20.9	1.4	(D)	(D)	11.7	.2	(D)
29	PETROLEUM AND COAL PRODUCTS.	28.2	28.2	2.0	(D)	-	22.7	(D)	3.0
30	RUBBER, MISC. PLASTICS PROD.	4.3	4.3	1.3	.1	.1	2.1	.4	.3
32	STONE, CLAY, GLASS PRODUCTS.	3.5	(D)	(D)	-	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES.	19.8	19.8	15.5	-	(D)	3.6	(D)	.2
34	FABRICATED METAL PRODUCTS.	2.6	2.6	1.2	-	.3	.3	.3	.5
35	MACHINERY, EXCEPT ELECTRICAL. . . . .	.6	.6	.2	-	-	.1	.1	.2
36	ELECTRIC, ELECTRONIC EQUIP.	1.8	1.8	1.0	-	.1	.3	.2	.1
37	TRANSPORTATION EQUIPMENT.	2.7	2.7	1.1	-	0.3	1.0	0.2	0.2
38	INSTRUMENTS, RELATED PRODUCTS. . . . .	.6	.6	.2	-	.1	(D)	.1	(D)

See footnotes at end of table.

TABLE 3C. Water Intake by Purpose and Kind, for Water Use Regions and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Brackish water						Salt water					
		Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
				Steam electric power generation	Other					Steam electric power generation	Other		
	OHIO (WUR)--CONTINUED												
25	FURNITURE AND FIXTURES	(D)	-	-	(D)	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	-	(D)	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	(D)	(D)	-	(D)	-	(D)	(D)	(D)	-	(D)	-	-
33	PRIMARY METAL INDUSTRIES.	(D)	(D)	-	(D)	-	(D)	(D)	(D)	-	(D)	-	-
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	-	-	(D)	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . . .	.1	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	-	-	-	-	-	-	-	-	-	-	-	-
	TENNESSEE (WUR). . . . .	.9	(D)	-	(D)	-	(D)	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
30	PUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	(D)	(D)	-	-	-	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	-	-	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	-	-	-	-	-	-	-	-	-	-	-	-
	UPPER MISSISSIPPI.	3.3	(D)	-	3.0	-	(D)	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	2.0	-	-	2.0	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . . . .	.5	(D)	-	(D)	-	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	-	-	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.5	-	-	.5	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
	LOWER MISSISSIPPI.	302.3	5.4	122.4	171.6	0.1	2.9	3.0	3.0	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	-	-	-	-	(D)	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	158.2	(D)	(D)	131.2	-	(D)	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . . . .	.6	-	-	.5	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	-	-	(D)	-	(D)	-	-	-	-	-	-
	SOURIS - RED - RAINY	-	-	-	-	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
	MISSOURI (WUR)	12.8	(D)	-	(D)	-	(D)	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	(D)	(D)	-	(D)	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	(D)	(D)	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	(D)	-	-	-	-	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	-	-	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3C. Water Intake by Purpose and Kind, for Water Use Regions and Major Industry Groups: 1973—Con.

SIC code	Water Use Region (WUR) and major industry group	Total water intake	Fresh water						
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
					Steam electric power generation	Air conditioning	Other		
	ARKANSAS, WHITE AND RED.	228.9	222.6	89.7	38.5	1.5	69.3	5.4	18.0
20	FOOD AND KINDRED PRODUCTS. . .	17.3	(D)	(D)	(D)	-	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS.	1.6	.6	(D)	-	-	(D)	-	(D)
24	LUMBER AND WOOD PRODUCTS. . .	2.3	2.3	(D)	-	-	.2	-	(D)
26	PAPER AND ALLIED PRODUCTS. . .	39.4	39.4	29.9	(D)	(D)	(D)	.4	2.6
28	CHEMICALS AND ALLIED PRODUCTS. .	30.2	26.2	4.0	1.5	.1	16.4	.5	3.7
29	PETROLEUM AND COAL PRODUCTS. .	24.4	23.0	1.6	.2	.1	13.8	.5	6.8
30	RUBBER, MISC. PLASTICS PROD. . .	2.4	2.4	.4	-	(D)	1.4	(D)	.3
32	STONE, CLAY, GLASS PRODUCTS. .	4.3	4.3	2.0	.2	-	1.7	.1	.3
33	PRIMARY METAL INDUSTRIES. . . .	100.1	(D)	(D)	(D)	-	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . .	2.3	2.3	.3	-	.1	.5	.5	1.0
35	MACHINERY, EXCEPT ELECTRICAL .	1.3	1.3	.3	-	.1	.5	.4	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	1.7	(D)	(D)	-	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . .	1.6	1.6	.5	-	.3	.3	.4	.1
	TEXAS GULF.	1487.8	373.9	111.2	6.5	24.5	149.5	9.2	73.1
20	FOOD AND KINDRED PRODUCTS. . .	19.8	18.5	8.1	.2	.2	7.5	1.1	1.4
22	TEXTILE MILL PRODUCTS. . . . .	.4	.4	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	1.5	(D)	(D)	(D)	-	(D)	-	(D)
26	PAPER AND ALLIED PRODUCTS. . .	57.0	57.0	47.9	2.6	1.5	2.5	.6	1.8
28	CHEMICALS AND ALLIED PRODUCTS. .	839.0	147.3	35.1	1.2	6.6	71.4	3.8	29.3
30	RUBBER, MISC. PLASTICS PROD. . .	1.0	1.9	.3	-	-	1.1	.1	.3
32	STONE, CLAY, GLASS PRODUCTS. .	6.6	5.6	4.2	-	-	1.1	.1	.2
34	FABRICATED METAL PRODUCTS. . .	1.0	1.0	.6	-	-	-	.2	.2
35	MACHINERY, EXCEPT ELECTRICAL .	2.4	2.4	.5	-	(D)	.7	.3	(D)
36	ELECTRIC, ELECTRONIC EQUIP. . .	2.3	2.3	1.4	-	.4	(D)	.3	(D)
37	TRANSPORTATION EQUIPMENT. . .	14.6	(D)	(D)	-	(D)	(D)	(D)	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	.1	.1	.1	-	-	-	-	-
	RIO GRANDE.	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	1.4	1.4	.6	-	-	.4	.2	.2
33	PRIMARY METAL INDUSTRIES. . . .	.9	.9	(D)	-	-	.4	-	(D)
	UPPER COLORADO. . . . .	.7	.7	(D)	-	-	.3	-	(D)
	LOWER COLORADO.	24.5	23.2	12.5	.9	.9	6.5	1.0	1.4
20	FOOD AND KINDRED PRODUCTS. . .	2.2	(D)	(D)	-	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	3.1	3.1	.7	-	-	2.0	(D)	(D)
32	STONE, CLAY, GLASS PRODUCTS. .	.9	.9	.6	-	-	(D)	-	(D)
33	PRIMARY METAL INDUSTRIES. . . .	11.4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL .	.4	.4	.1	-	.1	.2	.1	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	2.0	2.0	.9	-	.4	(D)	.2	(D)
	GREAT BASIN.	34.4	20.0	8.7	(D)	.2	6.0	(D)	2.0
20	FOOD AND KINDRED PRODUCTS. . .	2.6	2.6	.7	-	-	1.7	-	.1
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	3.1	(D)	(D)	-	(D)	(D)	-	(D)
32	STONE, CLAY, GLASS PRODUCTS. .	.8	(D)	(D)	-	-	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES. . . .	19.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL .	.1	.1	.1	-	-	-	.1	-
	COLUMBIA - NORTH PACIFIC. . . .	581.6	554.9	355.9	19.7	1.6	142.5	6.0	29.0
20	FOOD AND KINDRED PRODUCTS. . .	41.4	40.8	20.0	(D)	(D)	15.4	.9	3.4
24	LUMBER AND WOOD PRODUCTS. . .	85.2	76.6	47.9	16.1	-	8.4	.7	3.5
26	PAPER AND ALLIED PRODUCTS. . .	331.0	329.0	253.3	3.0	.3	56.2	1.5	14.7
28	CHEMICALS AND ALLIED PRODUCTS. .	48.4	40.2	8.0	-	-	30.8	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. .	3.9	3.9	.2	-	-	2.3	.1	1.2
32	STONE, CLAY, GLASS PRODUCTS. .	5.5	(D)	(D)	-	-	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES. . . .	61.3	54.0	23.8	-	.5	23.4	1.2	5.1
34	FABRICATED METAL PRODUCTS. . .	.6	.6	.2	(D)	(D)	(D)	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	.2	.2	-	-	-	.1	-	-
37	TRANSPORTATION EQUIPMENT. . .	3.4	(D)	(D)	-	(D)	(D)	(D)	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	.5	.5	.3	-	-	-	.1	-
	CALIFORNIA - SOUTH PACIFIC. . .	433.0	215.8	103.8	8.9	3.6	62.1	9.6	27.7
20	FOOD AND KINDRED PRODUCTS. . .	136.9	47.5	23.6	(D)	(D)	14.7	3.3	4.5
22	TEXTILE MILL PRODUCTS.	1.3	1.3	1.0	-	-	-	-	.2
24	LUMBER AND WOOD PRODUCTS. . .	37.9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . .	48.0	38.1	29.4	3.1	0.2	3.7	0.2	1.5
28	CHEMICALS AND ALLIED PRODUCTS. .	39.2	21.0	5.1	(D)	-	12.5	(D)	2.7
29	PETROLEUM AND COAL PRODUCTS. .	112.8	34.7	4.2	-	.1	17.2	1.3	12.0
30	RUBBER, MISC. PLASTICS PROD. . .	2.3	2.3	.4	-	.1	1.1	.1	.5
31	LEATHER AND LEATHER PRODUCTS. .	.2	.2	.1	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	18.6	(D)	(D)	-	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES. . . .	11.0	(D)	(D)	-	(D)	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . .	5.2	5.2	4.0	-	-	.5	.3	.3
35	MACHINERY, EXCEPT ELECTRICAL .	2.8	(D)	(D)	-	(D)	(D)	(D)	(D)
36	ELECTRIC, ELECTRONIC EQUIP. . .	4.4	4.4	2.5	-	.4	.5	.7	.2
37	TRANSPORTATION EQUIPMENT. . .	11.7	9.7	3.5	-	1.2	2.2	2.0	.8
38	INSTRUMENTS, RELATED PRODUCTS. .	.6	.6	.2	-	-	.2	.2	-
39	MISC. MANUFACTURING INDUSTRIES.	.1	.1	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3C. Water Intake by Purpose and Kind, for Water Use Regions and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Brackish water						Salt water					
		Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
				Steam electric power generation	Other					Steam electric power generation	Other		
	ARKANSAS, WHITE AND RED.	4.9	(D)	-	3.8	-	(D)	1.5	(D)	-	(D)	-	-
20	FOOD AND KINDRED PRODUCTS.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	-	(D)	-	-	(D)	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	1.4	-	-	(D)	-	(D)	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	(D)	(D)	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	(D)	-	-	(D)	-	-
37	TRANSPORTATION EQUIPMENT.	-	-	-	-	-	-	-	-	-	-	-	-
	TEXAS GULF.	281.9	17.7	41.4	218.8	0.6	3.3	832.1	47.1	309.4	474.4	-	1.1
20	FOOD AND KINDRED PRODUCTS.	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(D)	-	-	-	-	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	112.2	16.7	(D)	(D)	-	-	579.5	.1	(D)	(D)	-	-
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	(D)	-	-	(D)	-	-	(D)	-	-	-	-	(D)
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT.	(D)	(D)	-	(D)	(D)	-	(D)	-	-	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
	RIO GRANDE.	(D)	(D)	-	-	-	-	(D)	-	(D)	(D)	-	(D)
20	FOOD AND KINDRED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	-	-	-	-	-	-	-	-	-	-	-	-
	UPPER COLORADO.	-	-	-	-	-	-	-	-	-	-	-	-
	LOWER COLORADO.	1.3	1.1	-	.1	-	.1	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	(D)	(D)	-	(D)	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	(D)	(D)	-	(D)	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	-	-	-	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-	-	-	-
	GREAT BASIN.	11.1	5.6	.9	4.4	-	.2	3.3	3.3	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	(D)	-	-	(D)	-	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	-	-	-	-	-	-	(D)	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	-	-	-	-	-	-	-	-	-	-	-	-
	COLUMBIA - NORTH PACIFIC.	13.4	(D)	4.4	4.1	-	(D)	13.3	6.0	-	7.2	-	-
20	FOOD AND KINDRED PRODUCTS. . . . .	.6	-	-	.6	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-	(D)	-	-
26	PAPER AND ALLIED PRODUCTS.	(D)	-	(D)	-	-	-	(D)	(D)	-	(D)	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	-	8.1	5.5	-	2.6	-	-
29	PETROLEUM AND COAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	(D)	-	-	(D)	-	-	(D)	-	-	(D)	-	-
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT.	-	-	-	-	-	-	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
	CALIFORNIA - SOUTH PACIFIC.	41.9	4.3	(D)	30.7	.1	(D)	175.3	18.8	6.7	149.0	-	.8
20	FOOD AND KINDRED PRODUCTS.	(D)	(D)	-	(D)	-	-	(D)	(D)	(D)	(D)	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(D)	-	(D)	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS.	9.5	0.1	(D)	(D)	-	-	8.6	7.8	-	0.8	-	-
29	PETROLEUM AND COAL PRODUCTS.	17.9	(D)	-	(D)	-	-	60.2	-	-	60.2	-	-
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	-	-	-	-	-	-	(D)	(D)	-	(D)	-	-
33	PRIMARY METAL INDUSTRIES.	(D)	-	-	(D)	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	-	-	-	-	-	-	(D)	-	-	(D)	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	-	-	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT.	-	-	-	-	-	-	2.0	-	-	(D)	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 3C. Water Intake by Purpose and Kind, for Water Use Regions and Major Industry Groups: 1972—Con.

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Total water intake	Fresh water						
			Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
					Steam electric power generation	Air conditioning	Other		
	ALASKA	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS . . .	(D)	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
	HAWAII	56.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS . . .	53.5	30.3	7.5	(D)	(D)	(D)	(D)	(D)

Note: Figures for Water Use Regions include data for all 2-digit major industry groups whether or not separate figures are shown for individual major groups.

TABLE 3C. Water Intake by Purpose and Kind, for Water Use Regions and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Brackish water						Salt water					
		Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses	Total	Process	Cooling and condensing		Sanitary service	Boiler feed and other uses
				Steam electric power generation	Other					Steam electric power generation	Other		
	ALASKA	-	-	-	-	-	-	(D)	(D)	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	-	-	-	-	-	-	(D)	(D)	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	-	-	-	-	-	-	-	-	-	-	-	-
	HAWAII	(D)	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	-

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

¹See text and maps for definitions.

TABLE 4. Water Recirculated, by Purpose, for Industry Groups and Industries: 1973

SIC code	Industry group and industry	Number of establishments recirculating water	Water recirculated, by purpose (billion gallons)						
			Total ¹	Process	Cooling and condensing			Sanitary services	Boiler feed and other uses
					Steam electric power generation	Air conditioning	Other		
	ALL INDUSTRIES, TOTAL ² . . .	6571	28389.9	7809.5	1067.5	1786.1	17174.9	5.8	546.1
20	FOOD AND KINDRED PRODUCTS. . .	1368	776.1	190.4	15.2	64.6	479.7	1.5	24.7
201	MEAT PRODUCTS.	244	58.4	8.5	(D)	4.5	39.6	(D)	2.2
2011	MEATPACKING PLANTS	119	48.0	6.3	(D)	4.3	32.6	(D)	1.5
2013	SAUSAGES AND OTHER PREPARED MEATS.	35	6.1	-	-	.2	5.8	-	.2
2016	POULTRY DRESSING PLANTS.	86	4.2	2.0	-	-	1.4	.1	.5
2017	POULTRY AND EGG PROCESSING	9	.1	.1	-	-	-	-	-
202	DAIRY PRODUCTS	257	36.3	(D)	.6	2.4	27.3	.1	(D)
2021	CREAMERY BUTTER.	12	(D)	-	-	-	(D)	-	-
2022	CHEESE, NATURAL AND PROCESSED.	33	4.4	-	-	(D)	3.5	.1	(D)
2023	CONDENSED AND EVAPORATED MILK.	47	8.2	(D)	-	1.1	6.2	-	(D)
2024	ICE CREAM AND FROZEN DESSERTS.	21	(D)	-	-	-	(D)	-	(D)
2026	FLUID MILK	144	20.5	4.5	.5	(D)	14.4	.1	(D)
203	PRESERVED FRUITS AND VEGETABLES.	336	99.5	45.3	.3	1.2	50.9	.1	1.7
2032	CANNED SPECIALTIES	24	3.7	2.2	(D)	-	(D)	-	(D)
2033	CANNED FRUITS AND VEGETABLES.	193	46.2	17.4	-	-	27.6	-	1.2
2034	DEHYD. FRUITS, VEGETABLES, SOUPS.	14	7.7	7.5	-	.1	.1	-	.1
2035	PICKLES, SAUCES, SALAD DRESSINGS.	15	2.9	.2	-	(D)	(D)	-	-
2037	FROZEN FRUITS AND VEGETABLES.	74	37.7	17.6	(D)	(D)	19.5	-	(D)
2038	FROZEN SPECIALTIES	12	1.3	.4	-	-	.8	.1	-
204	GRAIN MILL PRODUCTS.	56	61.1	7.3	1.1	2.0	47.7	.2	2.9
2041	FLOUR, OTHER GRAIN MILL PRODUCTS.	9	(D)	(D)	-	-	(D)	-	-
2043	CEREAL BREAKFAST FOODS	9	1.5	-	(D)	.2	.9	-	(D)
2044	RICE MILLING	1	(D)	-	-	-	-	-	-
2045	BLENDED AND PREPARED FLOUR	3	.3	-	-	(D)	-	-	(D)
2046	WET CORN MILLING	20	57.8	6.5	(D)	(D)	46.2	.2	2.4
2047	DOG, CAT, AND OTHER PET FOOD	10	.8	(D)	-	-	(D)	-	-
2048	PREPARED FEEDS, NEC.	4	.4	-	-	(D)	(D)	-	(D)
205	BAKERY PRODUCTS.	25	5.6	-	-	2.4	2.8	-	.4
2051	BREAD, CAKE, AND RELATED PRODUCTS.	15	.4	-	-	(D)	(D)	-	(D)
2052	COOKIES AND CRACKERS	10	5.2	-	-	(D)	(D)	-	(D)
206	SUGAR, CONFECTIONERY PRODUCTS.	124	188.5	49.0	3.3	13.3	113.8	-	9.1
2061	RAW CANE SUGAR	29	64.5	12.1	(D)	-	49.4	-	(D)
2062	CANE SUGAR REFINING.	15	15.8	1.2	(D)	-	(D)	-	(D)
2063	BET SUGAR	51	74.1	35.6	.1	-	32.2	-	6.2
2065	CONFECTIONERY PRODUCTS	20	(D)	-	-	(D)	(D)	-	(D)
2066	CHOCOLATE AND COCOA PRODUCTS	8	(D)	-	-	(D)	(D)	-	(D)
2067	CHEWING GUM.	1	(D)	-	-	(D)	-	-	-
207	FATS AND OILS.	96	91.7	(D)	(D)	1.5	82.0	.1	(D)
2074	COTTONSEED OIL MILLS	7	(D)	-	-	-	3.0	-	-
2075	SOYBEAN OIL MILLS.	41	40.0	(D)	-	-	34.7	-	(D)
2076	VEGETABLE OIL MILLS, NEC.	5	(D)	-	-	-	1.6	-	-
2077	ANIMAL AND MARINE FATS AND OILS.	12	.7	-	-	-	.6	-	.1
2079	SHORTENING AND COOKING OILS.	31	46.3	.1	(D)	1.5	42.0	-	(D)
208	BEVERAGES.	158	190.5	(D)	(D)	22.1	88.7	(D)	5.1
2082	MALT BEVERAGES	64	161.8	(D)	(D)	(D)	71.8	(D)	3.0
2083	MALT	14	18.5	.1	-	(D)	(D)	-	-
2084	WINES, BRANDY, AND BRANDY SPIRITS.	10	1.6	-	-	-	(D)	-	(D)
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	18	5.7	1.0	-	.1	3.9	-	.7
2086	BOTTLED AND CANNED SOFT DRINKS	43	1.5	(D)	-	-	.8	-	(D)
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	9	1.4	(D)	-	-	(D)	-	(D)
209	MISC. FOODS, KINDRED PRODUCTS.	68	43.4	1.4	-	15.2	26.6	-	.3
2091	CANNED AND CURED SEAFOODS.	6	(D)	-	-	-	(D)	-	-
2092	FRESH OR FROZEN PACKAGED FISH.	4	.2	.1	-	-	-	-	-
2095	ROASTED COFFEE	12	(D)	(D)	-	(D)	(D)	-	(D)
2097	MANUFACTURED ICE	14	.6	-	-	-	.6	-	-
2098	MACARONI AND SPAGHETTI	3	.3	-	-	-	.2	-	-
2099	FOOD PREPARATIONS, NEC.	29	(D)	(D)	-	(D)	(D)	-	(D)
21	TOBACCO PRODUCTS	15	94.3	1.3	7.1	81.3	2.4	-	2.1
2111	CIGARETTES	11	92.1	(D)	7.1	(D)	(D)	-	1.8
2121	CIGARS	1	(D)	-	-	-	-	-	-
2141	TOBACCO STEMMING AND REDRYING.	3	(D)	(D)	-	(D)	(D)	-	(D)
22	TEXTILE MILL PRODUCTS.	379	248.6	13.3	1.3	210.3	19.1	.1	4.8
2211	WEAVING MILLS, COTTON.	67	63.2	(D)	(D)	55.4	6.5	-	.8
2221	WEAVING MILLS, MANMADE FIBER, SILK.	61	51.0	2.3	-	43.1	(D)	-	(D)
2231	WEAVING AND FINISHING MILLS, WOOL.	13	.8	.2	-	.2	.3	-	(D)
2241	NARROW FABRIC MILLS.	3	-	-	-	-	-	-	-
225	KNITTING MILLS	65	7.7	1.1	-	5.7	.6	-	.4
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	12	.9	-	-	.8	-	-	.1
2252	HOSIERY, NEC.	10	.5	-	-	.4	-	-	-
2253	KNIT OUTERWEAR MILLS	4	(D)	-	-	-	-	-	-
2254	KNIT UNDERWEAR MILLS	1	(D)	-	-	-	-	-	-
2257	CIRCULAR KNIT FABRIC MILLS	27	3.8	1.0	-	2.3	(D)	-	(D)
2258	WARP KNIT FABRIC MILLS	11	2.5	.1	-	(D)	(D)	-	(D)
226	TEXTILE FINISHING, EXCEPT WOOL	51	12.0	2.9	(D)	(D)	1.4	-	1.1
2261	FINISHING PLANTS, COTTON	15	7.8	1.6	(D)	(D)	.1	-	.4
2262	FINISH, PLTS, MANMADE FIBER, SILK.	18	3.1	.8	(D)	(D)	.9	-	.6
2269	FINISHING PLANTS, NEC.	18	1.1	.5	-	.1	.4	-	.1
227	FLOOR COVERING MILLS	27	3.6	.4	-	1.7	1.2	-	.4
2271	WOVEN CARPETS AND RUGS	4	.7	-	-	(D)	(D)	-	.1
2272	TUFTED CARPETS AND RUGS.	20	2.9	.4	-	(D)	(D)	-	.2
2279	CARPETS AND RUGS, NEC.	3	.1	-	-	-	-	-	-
228	YARN AND THREAD MILLS.	59	99.2	.8	-	95.8	2.2	-	.5
2281	YARN MILLS, EXCEPT WOOL.	39	80.5	.4	-	78.6	1.3	-	.3
2282	THROWING AND WINDING MILLS	11	5.6	.4	-	4.8	(D)	-	(D)
2283	WOOL YARN MILLS.	4	(D)	-	-	(D)	(D)	-	-
2284	THREAD MILLS	5	(D)	-	-	(D)	(D)	-	(D)

See footnotes at end of table.

TABLE 4. Water Recirculated, by Purpose, for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Number of establishments recirculating water	Water recirculated, by purpose (billion gallons)						
			Total ¹	Process	Cooling and condensing			Sanitary services	Boiler feed and other uses
					Steam electric power generation	Air conditioning	Other		
22	TEXTILE MILL PRODUCTS--CON.								
229	MISCELLANEOUS TEXTILE GOODS. . .	33	11.2	5.4	-	3.1	(D)	-	(D)
2291	FELT GOODS, EXC. WOVEN FELT, HATS.	4	-	-	-	-	(D)	-	0.1
2292	LACE GOODS.	1	(D)	-	-	-	-	-	-
2294	PROCESSED TEXTILE WASTE.	1	(D)	-	-	-	(D)	-	(D)
2295	COATED FABRICS, NOT RUBBERIZED. . .	9	1.3	(D)	-	(D)	(D)	-	-
2296	TIRE CORD AND FABRIC.	7	7.5	1.5	-	-	-	-	.1
2297	NONWOVEN FABRICS.	6	1.6	-	-	-	-	-	(D)
2298	CORDAGE AND TWINE.	2	(D)	-	-	-	-	-	-
2299	TEXTILE GOODS, NEC.	3	(D)	(D)	-	(D)	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	156	105.4	22.4	50.6	-	24.6	-	7.7
2411	LOGGING CAMPS, LOG CONTRACTORS. .	1	(D)	-	-	-	-	-	-
242	SAWMILLS AND PLANING MILLS. . . .	65	80.5	8.5	(D)	-	21.4	-	(D)
2421	SAWMILLS, PLANING MILLS, GENERAL. .	60	80.4	8.5	(D)	-	21.4	-	(D)
2426	HARDWOOD DIMENSION AND FLOORING. .	4	(D)	-	-	-	-	-	.1
2429	SPECIAL PRODUCT SAWMILLS, NEC. . .	1	(D)	-	-	-	-	-	-
243	MILLWORK, PLYWOOD, STRUC. MEMBS. .	57	9.7	1.3	(D)	-	1.6	-	(D)
2431	MILLWORK.	3	(D)	-	-	-	-	-	-
2434	WOOD KITCHEN CABINETS.	1	(D)	-	-	-	-	-	-
2435	HARDWOOD VENEER AND PLYWOOD. . . .	5	(D)	(D)	-	-	(D)	-	(D)
2436	SOFTWOOD VENEER AND PLYWOOD. . . .	48	(D)	(D)	(D)	-	(D)	-	(D)
244	WOOD CONTAINERS.	4	(D)	-	-	-	-	-	-
2441	NAILED WOOD BOXES AND SHOOK. . . .	1	(D)	-	-	-	-	-	-
2449	WOOD CONTAINERS, NEC.	3	(D)	-	-	-	-	-	-
249	MISCELLANEOUS WOOD PRODUCTS. . . .	29	15.1	12.6	-	-	1.7	-	.7
2491	WOOD PRESERVING.	5	.5	-	-	-	.4	-	.1
2492	PARTICLEBOARD.	4	1.0	.1	-	-	.7	-	.2
2499	WOOD PRODUCTS, NEC.	16	13.6	12.5	-	-	.6	-	.5
25	FURNITURE AND FIXTURES.	34	2.7	.2	-	(D)	1.7	-	(D)
251	HOUSEHOLD FURNITURE.	15	.8	-	-	-	(D)	-	(D)
2511	WOOD HOUSEHOLD FURNITURE.	9	.9	-	-	-	(D)	-	(D)
2514	METAL HOUSEHOLD FURNITURE.	2	(D)	-	-	-	(D)	-	-
2515	MATTRESSES AND BEDSPRINGS.	1	(D)	-	-	-	-	-	-
2517	WOOD TV AND RADIO CABINETS.	1	(D)	-	-	-	(D)	-	-
2519	HOUSEHOLD FURNITURE, NEC.	2	(D)	-	-	-	-	-	-
2522	METAL OFFICE FURNITURE.	8	1.5	.1	-	(D)	(D)	-	.1
2531	PUBLIC BLDG., RELATED FURNITURE. . .	4	(D)	-	-	-	-	-	-
2542	METAL PARTITIONS AND FIXTURES. . .	4	.1	.1	-	-	-	-	-
2591	DRAPERY HARDWARE, BLINDS, SHADES. .	3	(D)	-	-	(D)	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	616	5711.4	4886.4	413.1	33.1	294.0	0.1	84.8
2611	PULPMILLS.	27	659.5	564.0	74.3	-	25.8	-	5.4
2621	PAPERMILLS, EXCEPT BUILDING PAPER.	247	2551.1	2307.8	126.2	8.6	71.9	-	46.6
2631	PAPERBOARD MILLS.	210	2355.9	1938.3	195.0	14.5	180.9	-	27.1
264	MISC. CONVERTED PAPER PRODUCTS. .	69	60.9	21.7	14.3	8.8	12.1	-	4.1
2641	PAPER COATING AND GLAZING.	26	17.4	(D)	(D)	(D)	-	-	3.6
2642	ENVELOPES.	1	(D)	-	-	-	-	-	-
2643	BAGS, EXCEPT TEXTILE BAGS.	9	27.9	(D)	(D)	(D)	9.6	-	.4
2645	DIE-CUT PAPER AND BOARD.	2	(D)	(D)	-	-	-	-	-
2646	PRESSED AND MOLDED PULP GOODS. . .	20	7.9	7.9	-	-	-	-	-
2647	SANITARY PAPER PRODUCTS.	9	7.0	(D)	-	5.2	(D)	-	-
2648	STATIONERY PRODUCTS.	1	(D)	-	-	-	-	-	-
2649	CONVERTED PAPER PRODUCTS, NEC. . .	1	(D)	-	-	-	-	-	-
265	PAPERBOARD CONTAINERS AND BOXES. .	26	5.8	1.4	(D)	(D)	(D)	-	.2
2651	FOLDING PAPERBOARD BOXES.	7	1.6	(D)	(D)	.6	(D)	-	-
2653	CORRUGATED AND SOLID FIBER BOXES. .	7	(D)	-	-	-	-	-	(D)
2654	SANITARY FOOD CONTAINERS.	11	4.0	(D)	-	(D)	(D)	-	-
2655	FIBER CANS, DRUMS, SIMILAR PRDS. .	1	(D)	-	-	-	-	-	(D)
2661	BUILDING PAPER AND BOARD MILLS. . .	41	58.2	53.3	(D)	(D)	(D)	-	1.4
28	CHEMICALS AND ALLIED PRODUCTS. . .	965	6922.5	344.5	208.4	288.1	5900.3	.3	181.1
281	INDUSTRIAL INORGANIC CHEMICALS. . .	249	1076.2	58.6	(D)	(D)	932.9	(D)	20.8
2812	ALKALIES AND CHLORINE.	23	119.4	(D)	(D)	2.3	96.5	-	7.9
2813	INDUSTRIAL GASES.	61	(D)	(D)	-	-	(D)	-	(D)
2816	INORGANIC PIGMENTS.	24	(D)	(D)	(D)	-	(D)	-	(D)
2819	INDUSTRIAL INORGANIC CHEM., NEC. .	141	538.6	38.0	7.6	(D)	439.4	(D)	(D)
282	PLASTICS MATERIALS, SYNTHETICS. . .	150	1425.8	107.3	49.2	112.9	1137.3	(D)	(D)
2821	PLASTICS MATERIALS AND RESINS. . . .	93	509.3	68.7	.4	(D)	432.8	(D)	3.1
2822	SYNTHETIC RUBBER.	18	(D)	1.5	-	(D)	283.7	-	(D)
2823	CELLULOSIC MANMADE FIBERS.	10	(D)	8.1	26.1	36.9	136.8	-	9.0
2824	ORGANIC FIBERS, NONCELLULOSIC. . .	29	408.2	29.1	22.7	67.9	284.0	-	4.5
283	DRUGS.	62	162.7	.5	-	99.3	61.4	-	1.4
2831	BIOLOGICAL PRODUCTS.	9	2.2	-	-	(D)	(D)	-	-
2833	MEDICINALS AND BOTANICALS.	10	16.6	(D)	-	(D)	(D)	-	(D)
2834	PHARMACEUTICAL PREPARATIONS. . . .	43	143.9	(D)	-	92.4	49.8	-	(D)
284	SOAPS, CLEANERS, TOILET GOODS. . . .	63	49.9	(D)	(D)	(D)	42.9	-	.3
2841	SOAP AND OTHER DETERGENTS.	25	36.3	(D)	(D)	2.1	31.0	-	.2
2842	POLISHES AND SANITATION GOODS. . . .	8	.3	-	-	-	.3	-	-
2843	SURFACE ACTIVE AGENTS.	16	8.6	-	-	(D)	(D)	-	-
2844	TOILET PREPARATIONS.	14	4.7	-	-	(D)	(D)	-	.1
2851	PAINTS AND ALLIED PRODUCTS.	17	4.8	.1	-	(D)	4.3	-	.1
286	INDUSTRIAL ORGANIC CHEMICALS. . . .	227	2881.3	80.8	92.8	24.3	2604.0	-	79.3
2861	GUM AND WOOD CHEMICALS.	10	47.1	5.6	-	-	41.1	-	.3
2865	CYCLIC CRUDES AND INTERMEDIATES. .	53	394.7	(D)	(D)	3.0	387.2	-	2.7
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC.	164	2439.6	(D)	(D)	21.3	2175.7	-	79.3

See footnotes at end of table.

TABLE 4. Water Recirculated, by Purpose, for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Number of establishments recirculating water	Water recirculated, by purpose (billion gallons)					
			Total ¹	Process	Cooling and condensing			Boiler feed and other uses
					Steam electric power generation	Air conditioning	Other	
28	CHEMICALS, ALLIED PROD.—CON.							
287	AGRICULTURAL CHEMICALS	103	1183.4	36.4	24.9	0.5	1028.0	43.5
2873	NITROGENOUS FERTILIZERS	47	(D)	(D)	(D)	(D)	(D)	(D)
2874	PHOSPHATIC FERTILIZERS	46	416.8	55.0	(D)	—	346.6	(D)
2875	FERTILIZERS, MIXING ONLY	1	(D)	(D)	(D)	(D)	(D)	(D)
2879	AGRICULTURAL CHEMICALS, NEC.	9	48.1	(D)	(D)	(D)	17.5	(D)
289	MISCELLANEOUS CHEMICAL PRODUCTS.	94	138.4	(D)	(D)	(D)	84.3	16.7
2891	ADHESIVES AND SEALANTS	19	13.7	.3	—	.2	13.1	.1
2892	EXPLOSIVES	7	8.3	(D)	—	(D)	(D)	.1
2893	PRINTING INK	2	(D)	—	(D)	(D)	(D)	—
2895	CARBON BLACK	17	(D)	(D)	(D)	(D)	(D)	—
2899	CHEMICAL PREPARATIONS, NEC.	40	115.0	4.6	(D)	.2	(D)	10.5
29	PETROLEUM AND COAL PRODUCTS . .	236	6875.6	33.7	58.4	25.5	6690.5	0.1
2911	PETROLEUM REFINING	202	6867.5	26.3	58.4	25.5	6689.9	.1
295	PAVING AND ROOFING MATERIALS . .	27	7.9	7.4	—	—	.4	.2
2951	PAVING MIXTURES AND BLOCKS	9	.3	.2	—	—	—	.1
2952	ASPHALT FELTS AND COATINGS	18	7.6	7.1	—	—	.4	.1
299	MISC. PETROLEUM, COAL PRODUCTS .	7	.2	—	—	—	.1	—
2992	LUBRICATING OILS AND GREASES . . .	2	(D)	—	—	—	(D)	—
2999	PETROLEUM AND COAL PRODUCTS, NEC.	2	(D)	—	—	—	(D)	—
30	RUBBER, MISC. PLASTICS PROD. . .	276	289.7	27.8	20.0	42.2	188.9	.4
3011	TIRES AND INNER TUBES	48	86.9	15.6	—	13.4	54.7	3.2
3021	RUBBER AND PLASTICS FOOTWEAR . . .	7	(D)	.1	—	—	.3	—
3031	RECLAIMED RUBBER	1	(D)	—	—	(D)	—	—
3041	RUBBER, PLASTICS HOSE AND BELTING.	8	(D)	(D)	(D)	(D)	(D)	(D)
3049	FABRICATED RUBBER PRODUCTS, NEC. .	64	(D)	(D)	(D)	(D)	(D)	(D)
3079	MISCELLANEOUS PLASTICS PRODUCTS .	148	166.1	7.1	(D)	19.9	119.4	(D)
31	LEATHER AND LEATHER PRODUCTS .	20	2.1	(D)	(D)	(D)	.5	.6
3111	LEATHER TANNING AND FINISHING . . .	17	(D)	(D)	(D)	(D)	(D)	(D)
3144	WOMEN'S FOOTWEAR, EXCEPT ATHLETIC.	1	(D)	—	—	—	—	—
3161	LUGGAGE	2	(D)	(D)	—	(D)	(D)	(D)
32	STONE, CLAY, GLASS PRODUCTS . .	369	255.6	81.5	28.7	18.7	114.8	12.0
3211	FLAT GLASS	20	39.5	2.7	—	—	31.1	(D)
322	GLASS, PRESSED OR BLOWN	94	99.3	35.2	—	(D)	47.5	(D)
3221	GLASS CONTAINERS	55	27.6	5.9	—	(D)	(D)	(D)
3229	PRESSED AND BLOWN GLASS, NEC. . . .	39	71.7	29.3	—	(D)	(D)	.2
3231	PRODUCTS OF PURCHASED GLASS	14	3.8	.9	—	—	2.9	—
3241	CEMENT, HYDRAULIC	74	46.3	(D)	(D)	.2	10.8	(D)
325	STRUCTURAL CLAY PRODUCTS	7	(D)	—	—	(D)	(D)	—
3251	BRICK AND STRUCTURAL CLAY TILE . . .	1	(D)	—	—	—	—	—
3253	CERAMIC WALL AND FLOOR TILE	1	(D)	—	—	—	—	—
3255	CLAY REFRACTORIES	4	(D)	—	—	(D)	(D)	—
3259	STRUCTURAL CLAY PRODUCTS, NEC. . . .	1	(D)	—	—	—	—	—
326	POTTERY AND RELATED PRODUCTS . . .	13	4.5	—	(D)	(D)	1.6	.4
3261	VITREOUS PLUMBING FIXTURES	6	4.1	—	(D)	(D)	1.6	.1
3263	FINE EARTHENWARE FOOD UTENSILS . . .	1	(D)	—	—	—	—	(D)
3264	PORCELAIN ELECTRICAL SUPPLIES	6	(D)	—	—	—	—	(D)
327	CONCRETE, GYPSUM, PLASTER PRODS.	59	15.4	14.4	—	—	(D)	(D)
3272	CONCRETE PRODUCTS, NEC.	6	1.7	1.7	—	—	—	—
3273	READY-MIXED CONCRETE	26	7.9	7.8	—	—	—	.1
3274	LIME	12	5.2	4.5	—	—	(D)	(D)
3275	GYPSUM PRODUCTS	15	(D)	(D)	—	—	—	.1
3281	CUT STONE AND STONE PRODUCTS	5	(D)	(D)	—	—	—	—
329	MISC. NONMETALLIC MINERAL PRODS.	83	46.4	22.2	—	(D)	20.3	(D)
3291	ABRASIVE PRODUCTS	8	2.2	1.1	—	(D)	(D)	.1
3292	ASBESTOS PRODUCTS	23	10.6	7.6	—	—	2.8	.2
3293	GASKETS, PACKING, SEALING DEVICES.	4	.3	—	—	.1	.2	—
3295	MINERALS, GROUND OR TREATED	13	9.3	(D)	—	—	8.4	(D)
3296	MINERAL WOOL	25	20.2	11.1	—	(D)	6.6	(D)
3297	NONCLAY REFRACTORIES	5	3.1	(D)	—	—	(D)	—
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	5	.7	.7	—	—	—	—
33	PRIMARY METAL INDUSTRIES	643	3900.5	1519.8	217.1	12.6	2070.1	2.0
331	BLAST FURNACE, BASIC STEEL PROD.	242	2722.9	1263.7	68.7	1.9	1342.7	1.7
3312	BLAST FURNACES AND STEEL MILLS . . .	168	2684.5	1259.7	68.7	(D)	1310.1	1.7
3313	ELECTROMETALLURGICAL PRODUCTS . . .	18	(D)	(D)	—	—	(D)	(D)
3315	STEEL WIRE AND RELATED PRODUCTS . . .	21	(D)	(D)	—	—	(D)	—
3316	COLD FINISHING OF STEEL SHAPES	17	4.2	1.7	—	(D)	2.4	(D)
3317	STEEL PIPE AND TUBES	18	(D)	(D)	—	—	(D)	—
332	IRON AND STEEL FOUNDRIES	116	187.5	35.5	(D)	(D)	136.2	13.8
3321	GRAY IRON FOUNDRIES	74	171.9	30.8	(D)	(D)	128.2	12.0
3322	MALLEABLE IRON FOUNDRIES	11	(D)	(D)	—	—	(D)	(D)
3324	STEEL INVESTMENT FOUNDRIES	2	(D)	(D)	(D)	—	(D)	—
3325	STEEL FOUNDRIES, NEC.	29	8.4	3.6	(D)	—	4.4	(D)
333	PRIMARY NONFERROUS METALS	60	776.2	156.5	143.5	(D)	455.0	(D)
3331	PRIMARY COPPER	17	104.2	54.4	21.8	—	27.4	.6
3332	PRIMARY LEAD	7	13.8	(D)	(D)	—	7.9	—
3333	PRIMARY ZINC	6	15.4	3.7	—	—	11.4	(D)
3334	PRIMARY ALUMINUM	20	546.3	93.7	(D)	.6	350.0	(D)
3339	PRIMARY NONFERROUS METALS, NEC. . .	10	96.5	(D)	(D)	—	78.4	—
3341	SECONDARY NONFERROUS METALS	10	5.6	1.7	—	—	3.8	—
335	NONFERROUS ROLLING AND DRAWING . .	162	191.0	60.5	(D)	6.7	119.2	(D)
3351	COPPER ROLLING AND DRAWING	39	35.4	19.0	(D)	—	12.7	(D)
3353	ALUMINUM SHEET, PLATE, AND FOIL . . .	21	91.4	24.2	—	.6	66.6	—

See footnotes at end of table.

TABLE 4. Water Recirculated, by Purpose, for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Number of establishments recirculating water	Water recirculated, by purpose (billion gallons)						
			Total ¹	Process	Cooling and condensing			Sanitary services	Boiler feed and other uses
					Steam electric power generation	Air conditioning	Other		
33	PRIMARY METAL INDUSTRIES--CON.								
335	NONFERROUS ROLLING, DRAWING--CON.								
3354	ALUMINUM EXTRUDED PRODUCTS	20	9.1	4.8	-	-	4.3	-	-
3355	ALUMINUM ROLLING AND DRAWING, NEC.	5	1.3	.7	-	-	.6	-	-
3356	NONFERROUS ROLLING & DRAWING, NEC.	16	18.5	.2	-	1.3	16.5	-	0.5
3357	NONFERROUS WIREDRAWING, INSULATING.	61	35.4	11.6	-	4.7	18.6	-	.4
336	NONFERROUS FOUNDRIES	25	12.1	(D)	-	(D)	8.7	-	(D)
3361	ALUMINUM FOUNDRIES	16	11.3	(D)	-	(D)	8.1	-	(D)
3362	BRASS, BRONZE, COPPER FOUNDRIES. .	3	.1	-	-	-	-	-	-
3369	NONFERROUS FOUNDRIES, NEC.	6	.7	.1	-	-	.6	-	-
339	MISC. PRIMARY METAL PRODUCTS . .	28	5.3	(D)	-	-	4.5	-	(D)
3398	METAL HEAT TREATING.	15	.8	-	-	-	.7	-	-
3399	PRIMARY METAL PRODUCTS, NEC. . . .	13	4.6	(D)	-	-	3.8	-	(D)
34	FABRICATED METAL PRODUCTS. . .	364	160.7	15.5	4.7	20.9	115.5	0.4	3.9
341	METAL CANS, SHIPPING CONTAINERS.	22	2.0	(D)	-	(D)	(D)	-	.1
3411	METAL CANS	18	(D)	.1	-	-	(D)	-	.1
3412	METAL BARRELS, DRUMS, AND PAILS. .	4	(D)	(D)	-	-	-	-	-
342	CUTLERY, HANDTOOLS AND HARDWARE.	54	16.5	(D)	-	2.5	(D)	-	.4
3421	CUTLERY.	5	(D)	-	-	-	(D)	-	-
3423	HAND AND EDGE TOOLS, NEC.	10	1.9	.1	-	(D)	(D)	-	(D)
3425	HANDSAWS AND SAW BLADES.	1	(D)	(D)	-	-	-	-	-
3429	HARDWARE, NEC.	38	14.3	(D)	-	(D)	(D)	-	(D)
343	PLUMBING, HEATING, EXCEPT ELEC.	18	6.4	.6	(D)	(D)	(D)	-	.4
3431	METAL SANITARY WARE.	9	2.8	-	(D)	-	(D)	-	.1
3432	PLUMBING FITTINGS AND BRASS GOODS.	6	.8	(D)	-	-	.5	-	(D)
3433	HEATING EQUIPMENT, EXC. ELECTRIC.	3	2.8	(D)	-	(D)	1.7	-	(D)
344	FABRICATED STRUC. METAL PRODS. .	35	9.2	3.0	-	.7	5.3	-	.2
3441	FABRICATED STRUCTURAL METAL. . . .	5	(D)	(D)	-	-	(D)	-	.1
3442	METAL DOORS, SASH, AND TRIM. . . .	7	.7	.1	-	-	.5	-	-
3443	FABRICATED PLATEWORK, BOILER SHOP.	12	1.6	(D)	-	(D)	1.2	-	-
3444	SHEET METALWORK.	7	1.1	.4	-	(D)	(D)	-	-
3446	ARCHITECTURAL METALWORK.	1	(D)	-	-	-	-	-	-
3448	PREFABRICATED METAL BUILDINGS. . .	1	(D)	-	-	-	-	-	-
3449	MISCELLANEOUS METALWORK.	2	(D)	(D)	-	-	(D)	-	-
345	SCREW MACHINE PROD., BOLTS, ETC.	32	3.7	.5	-	.6	2.5	-	.1
3451	SCREW MACHINE PRODUCTS	1	(D)	(D)	-	(D)	(D)	-	(D)
3452	ROLTS, NUTS, RIVETS, AND WASHERS .	31	(D)	(D)	-	-	(D)	-	(D)
346	METAL FORGINGS AND STAMPINGS . .	71	88.4	3.5	(D)	4.4	75.7	(D)	(D)
3462	IRON AND STEEL FORGINGS.	19	7.4	.6	-	.1	6.6	-	.1
3463	NONFERROUS FORGINGS.	4	(D)	-	-	-	(D)	-	(D)
3465	AUTOMOTIVE STAMPINGS	30	79.1	2.5	(D)	4.2	68.0	(D)	1.1
3466	CROWNS AND CLOSURES.	1	(D)	-	-	-	(D)	-	-
3469	METAL STAMPINGS, NEC.	17	1.3	.4	-	-	.6	-	.3
347	METAL SERVICES, NEC.	47	2.3	.9	-	-	1.4	-	.1
3471	PLATING AND POLISHING.	43	1.3	.9	-	-	.5	-	.1
3479	METAL COATING AND ALLIED SERVICES.	4	.9	.1	-	-	.9	-	-
348	ORDNANCE AND ACCESSORIES, NEC. .	30	22.2	1.1	-	11.5	8.9	-	.7
3482	SMALL ARMS AMMUNITION.	6	(D)	.2	-	(D)	(D)	-	.2
3483	AMMUNITION, EXC. SMALL ARMS, NEC.	15	10.4	.9	-	(D)	7.0	-	(D)
3484	SMALL ARMS	2	(D)	-	-	-	(D)	-	-
3489	ORDNANCE AND ACCESSORIES NEC. . .	7	(D)	-	-	7.4	(D)	-	(D)
349	MISC. FABRICATED METAL PRODUCTS.	55	10.0	1.9	-	.6	6.9	(D)	(D)
3493	STEEL SPRINGS, EXCEPT WIRE	1	(D)	-	-	-	-	(D)	-
3494	VALVES AND PIPE FITTINGS	29	6.1	.8	-	.3	4.6	(D)	(D)
3495	WIRE SPRINGS	1	(D)	-	-	-	-	-	-
3496	MISC. FABRICATED WIRE PRODUCTS . .	7	.4	.1	-	-	.3	-	-
3497	METAL FOIL AND LEAF.	5	(D)	(D)	-	(D)	.7	-	-
3498	FABRICATED PIPE AND FITTINGS . . .	1	(D)	-	-	-	-	-	-
3499	FABRICATED METAL PRODUCTS, NEC. .	11	2.3	(D)	-	(D)	1.2	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	330	267.1	45.1	8.7	81.3	124.9	(D)	(D)
351	ENGINES AND TURBINES	32	33.6	2.7	-	5.1	24.8	-	1.0
3511	TURBINES, TURBINE GENERATOR SETS .	10	12.9	.1	-	(D)	9.2	-	(D)
3519	INTERNAL COMBUSTION ENGINES, NEC .	22	20.7	2.6	-	(D)	15.6	-	(D)
352	FARM AND GARDEN MACHINERY. . . .	22	14.2	7.9	(D)	1.4	(D)	-	(D)
3523	FARM MACHINERY AND EQUIPMENT . . .	21	(D)	(D)	(D)	(D)	(D)	-	(D)
3524	LAWN AND GARDEN EQUIPMENT.	1	(D)	(D)	-	(D)	-	-	-
353	CONSTRUCTION, RELATED MACHINERY.	49	61.7	14.0	(D)	25.7	19.2	(D)	1.5
3531	CONSTRUCTION MACHINERY	23	44.1	10.3	(D)	(D)	13.3	(D)	(D)
3532	MINING MACHINERY	9	(D)	-	-	-	(D)	-	-
3533	OILFIELD MACHINERY	7	(D)	(D)	-	(D)	(D)	-	(D)
3534	ELEVATORS AND MOVING STAIRWAYS . .	1	(D)	-	-	-	-	-	-
3535	CONVEYORS AND CONVEYING EQUIPMENT.	3	-	-	-	-	-	-	-
3536	HOISTS, CRANES, AND MONORAILS. . .	2	(D)	-	-	-	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS . .	4	4.5	(D)	-	1.0	(D)	-	-
354	METALWORKING MACHINERY	30	8.8	1.6	-	4.1	2.9	-	.2
3541	MACHINE TOOLS, METAL-CUTTING . . .	10	2.8	.8	-	1.8	.1	-	.1
3542	MACHINE TOOLS, METAL-FORMING . . .	3	(D)	(D)	-	-	.1	-	-
3544	SPECIAL DIES, TOOLS, JIGS, ETC. . .	3	.4	-	-	(D)	(D)	-	-
3545	MACHINE TOOL ACCESSORIES	6	2.4	(D)	-	(D)	2.0	-	-
3546	POWER DRIVEN HANDTOOLS	11	2.2	(D)	-	1.8	(D)	-	-
3547	ROLLING MILL MACHINERY	4	.8	(D)	-	(D)	.2	-	-
3549	METALWORKING MACHINERY, NEC. . . .	2	(D)	(D)	-	-	-	-	-
355	SPECIAL INDUSTRY MACHINERY	25	13.0	(D)	(D)	2.4	3.6	-	.3
3551	FOOD PRODUCTS MACHINERY.	1	.1	-	-	-	-	-	-
3552	TEXTILE MACHINERY.	6	1.3	-	-	(D)	.2	-	(D)
3553	WOODWORKING MACHINERY.	4	.8	-	-	-	.8	-	-

See footnotes at end of table.

TABLE 4. Water Recirculated, by Purpose, for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Number of establishments recirculating water	Water recirculated, by purpose (billion gallons)					
			Total ¹	Process	Cooling and condensing			Sanitary services
					Steam electric power generation	Air conditioning	Other	
35	MACHINERY, EXCEPT ELEC.--CON.							
355	SPECIAL INDUSTRY MACHINERY--CON.							
3554	PAPER INDUSTRIES MACHINERY	1	(D)	(D)	-	-	-	-
3555	PRINTING TRADES MACHINERY	1	(D)	-	-	-	-	(D)
3559	SPECIAL INDUSTRY MACHINERY, NEC.	12	10.6	(D)	(D)	(D)	2.6	0.1
356	GENERAL INDUSTRIAL MACHINERY	70	31.5	7.0	-	5.9	17.7	.9
3561	PUMPS AND PUMPING EQUIPMENT	14	1.5	(D)	-	.4	.9	(D)
3562	BALL AND ROLLER BEARINGS	26	26.6	(D)	-	5.1	14.5	(D)
3563	AIR AND GAS COMPRESSORS	4	.5	-	-	.1	-	-
3566	SPEED CHANGERS, DRIVES, AND GEARS	7	(D)	(D)	-	(D)	(D)	-
3567	INDUSTRIAL FURNACES AND OVENS	3	.7	(D)	-	-	(D)	-
3568	POWER TRANSMISSION EQUIPMENT, NEC.	10	.6	(D)	-	-	(D)	.1
3569	GENERAL INDUSTRIAL MACHINERY, NEC.	4	(D)	-	-	(D)	-	-
357	OFFICE AND COMPUTING MACHINES	35	35.1	(D)	(D)	31.8	(D)	1.2
3573	ELECTRONIC COMPUTING EQUIPMENT	22	25.7	.4	-	24.3	.3	.7
3574	CALCULATING, ACCOUNTING MACHINES	5	(D)	(D)	(D)	-	-	(D)
3576	SCALES, BALANCES, EXC. LABORATORY	1	(D)	-	-	-	-	-
3579	OFFICE MACHINES, TYPEWRITERS, ETC.	7	7.9	-	-	7.2	(D)	(D)
358	REFRIGERATION AND SERVICE MACH.	54	24.3	9.5	-	4.8	8.6	1.5
3581	AUTOMATIC MERCHANDISING MACHINES	3	(D)	(D)	-	-	(D)	(D)
3582	COMMERCIAL LAUNDRY EQUIPMENT	1	(D)	-	-	-	-	-
3585	REFRIGERATION, HEATING EQUIPMENT	43	20.8	(D)	-	4.6	(D)	.5
3586	MEASURING AND DISPENSING PUMPS	3	(D)	-	-	(D)	-	(D)
3589	SERVICE INDUSTRY MACHINERY, NEC.	4	(D)	-	-	(D)	(D)	-
359	MISC. MACHINERY, EXC. ELEC.	13	44.8	(D)	(D)	-	43.6	(D)
3592	CARBURETORS, PISTONS, RINGS, ETC.	11	(D)	(D)	(D)	-	-	(D)
3599	MACHINERY, EXCEPT ELECTRICAL, NEC.	2	(D)	-	-	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP.	387	938.7	21.6	(D)	159.2	733.2	0.3
361	ELECTRIC DISTRIBUTING EQUIPMENT	25	7.7	.9	-	3.1	3.6	.1
3612	TRANSFORMERS	10	4.5	(D)	-	1.6	2.1	(D)
3613	SWITCHGEAR, SWITCHBOARD APPARATUS	15	3.1	(D)	-	1.5	1.5	(D)
362	ELECTRICAL INDUSTRIAL APPARATUS	56	22.9	(D)	-	11.0	(D)	.4
3621	MOTORS AND GENERATORS	23	16.7	(D)	-	7.7	(D)	(D)
3622	INDUSTRIAL CONTROLS	10	3.6	.2	-	2.9	.4	-
3623	WELDING APPARATUS, ELECTRIC	4	.4	-	-	(D)	(D)	-
3624	CARBON AND GRAPHITE PRODUCTS	14	1.5	.1	-	-	1.3	.1
3629	ELEC. INDUSTRIAL APPARATUS, NEC.	5	.7	-	-	(D)	(D)	(D)
363	HOUSEHOLD APPLIANCES	58	22.0	(D)	-	6.1	(D)	.5
3631	HOUSEHOLD COOKING EQUIPMENT	10	1.8	.3	-	.6	.8	.1
3632	HOUSEHOLD REFRIGERATORS, FREEZERS	11	7.3	.2	-	2.2	4.6	.3
3633	HOUSEHOLD LAUNDRY EQUIPMENT	9	6.9	.5	-	1.9	4.5	-
3634	ELECTRIC HOUSEWARES AND FANS	18	(D)	(D)	-	(D)	(D)	-
3635	HOUSEHOLD VACUUM CLEANERS	4	3.2	(D)	-	(D)	(D)	-
3636	SEWING MACHINES	1	(D)	-	-	-	(D)	-
3639	HOUSEHOLD APPLIANCES, NEC.	5	1.5	-	-	.4	1.1	-
364	ELEC. LIGHTING, WIRING EQUIP.	54	8.2	3.4	-	.6	3.4	.8
3641	ELECTRIC LAMPS	13	.8	.1	-	.2	.6	(D)
3643	CURRENT-CARRYING WIRING DEVICES	14	2.2	(D)	-	-	.5	(D)
3644	NONCURRENT-CARRYING WIRING DEVICES	13	1.2	.5	-	(D)	.3	(D)
3645	RESIDENTIAL LIGHTING FIXTURES	4	.1	-	-	-	-	.1
3646	COMMERCIAL LIGHTING FIXTURES	3	.1	.1	-	-	-	-
3647	VEHICULAR LIGHTING EQUIPMENT	2	(D)	(D)	-	(D)	(D)	(D)
3648	LIGHTING EQUIPMENT, NEC.	5	(D)	-	-	-	(D)	-
365	RADIO, TV RECEIVING EQUIPMENT	12	9.2	.2	-	(D)	(D)	(D)
3651	RADIO AND TV RECEIVING SETS	7	(D)	(D)	-	(D)	(D)	(D)
3652	PHONO. RECORDS, PRERECORDED TAPE	5	(D)	(D)	-	(D)	(D)	-
366	COMMUNICATION EQUIPMENT	64	107.8	(D)	(D)	49.6	(D)	(D)
3661	TELEPHONE AND TELEGRAPH APPARATUS	18	(D)	(D)	(D)	17.6	(D)	(D)
3662	RADIO AND TV COMMUNICATION EQUIP.	46	(D)	(D)	(D)	32.0	(D)	(D)
367	ELECTRONIC COMPONENTS, ACCESS.	81	743.9	(D)	-	(D)	(D)	(D)
3671	ELECTRON TUBES, RECEIVING TYPE	6	3.2	(D)	-	2.0	(D)	-
3672	CATHODE RAY TV PICTURE TUBES	6	9.9	-	-	7.7	2.1	-
3673	ELECTRON TUBES, TRANSMITTING	6	2.5	(D)	-	(D)	.4	-
3674	SEMICONDUCTORS, RELATED DEVICES	24	711.4	(D)	-	(D)	(D)	(D)
3675	ELECTRONIC CAPACITORS	9	.5	-	-	(D)	(D)	-
3676	ELECTRONIC RESISTORS	7	(D)	-	-	-	-	-
3677	ELECTRONIC COILS AND TRANSFORMERS	2	(D)	-	-	(D)	(D)	-
3678	ELECTRONIC CONNECTORS	4	.1	-	-	-	-	-
3679	ELECTRONIC COMPONENTS, NEC.	17	16.0	.3	-	(D)	(D)	(D)
369	MISC. ELEC. EQUIPMENT, SUPPLIES	37	17.0	1.4	-	(D)	(D)	.2
3691	STORAGE BATTERIES	17	1.4	(D)	-	(D)	(D)	-
3692	PRIMARY BATTERIES, DRY AND WET	2	(D)	-	-	(D)	-	-
3693	X-RAY APPARATUS AND TUBES	1	(D)	-	-	-	-	-
3694	ENGINE ELECTRICAL EQUIPMENT	14	15.3	1.0	-	2.7	11.4	.2
3699	ELECTRICAL EQUIP., SUPPLIES, NEC.	3	(D)	(D)	-	-	.1	-
37	TRANSPORTATION EQUIPMENT	276	1725.1	602.8	(D)	708.8	354.6	(D)
371	MOTOR VEHICLES AND EQUIPMENT	159	1589.9	596.1	(D)	(D)	(D)	(D)
3711	MOTOR VEHICLES AND CAR BODIES	56	(D)	(D)	-	(D)	(D)	(D)
3713	TRUCK AND BUS BODIES	2	(D)	-	-	-	-	-
3714	MOTOR VEHICLE PARTS, ACCESSORIES	100	(D)	(D)	(D)	(D)	(D)	(D)
3715	TRUCK TRAILERS	1	(D)	-	-	-	-	-
372	AIRCRAFT AND PARTS	59	74.0	2.9	-	(D)	34.0	(D)
3721	AIRCRAFT	14	40.1	.2	-	19.2	19.8	.9
3724	AIRCRAFT ENGINES AND ENGINE PARTS	22	22.4	(D)	-	(D)	8.0	(D)
3728	AIRCRAFT EQUIPMENT, NEC.	23	11.5	(D)	-	(D)	6.2	.4
3731	SHIP BUILDING AND REPAIRING	12	(D)	(D)	-	(D)	(D)	(D)
3743	RAILROAD EQUIPMENT	16	19.2	3.1	(D)	.4	3.3	(D)
3751	MOTORCYCLES, BICYCLES, AND PARTS	6	(D)	(D)	-	-	(D)	-

See footnotes at end of table.

TABLE 4. Water Recirculated, by Purpose, for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Number of establishments recirculating water	Water recirculated, by purpose (billion gallons)					
			Total ¹	Process	Cooling and condensing			Sanitary services
					Steam electric power generation	Air conditioning	Other	
37	TRANSPORTATION EQUIPMENT--CON.							
376	GUIDED MISSILES, SPACE VEHICLES.	21	33.7	0.3	-	(D)	11.9	-
3761	GUIDED MISSILES, SPACE VEHICLES.	9	22.0	.1	-	(D)	(D)	-
3764	SPACE PROPULSION UNITS AND PARTS.	6	4.6	-	-	0.4	(D)	-
3769	SPACE VEHICLE EQUIPMENT, NEC.	6	7.1	(D)	-	(D)	2.0	-
3795	TANKS AND TANK COMPONENTS.	3	(D)	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	79	98.0	(D)	(D)	36.1	50.7	-
3811	ENGINEERING, SCIENTIFIC INSTRU.	3	(D)	-	-	(D)	-	-
382	MEASURING, CONTROLLING DEVICES.	36	5.3	.6	-	3.2	1.1	-
3822	ENVIRONMENTAL CONTROLS.	12	(D)	(D)	-	(D)	(D)	-
3823	PROCESS CONTROL INSTRUMENTS.	9	1.6	-	-	1.2	-	-
3824	FLUID METERS AND COUNTING DEVICES.	6	.3	(D)	-	-	(D)	-
3825	INSTRU. TO MEASURE ELECTRICITY.	6	1.8	.2	-	1.0	.5	-
3829	MEASURING, CONTROLLING DEVICES, NEC.	3	(D)	-	-	(D)	-	-
3832	OPTICAL INSTRUMENTS AND LENSES.	2	(D)	.2	-	.7	-	-
384	MEDICAL INSTRUMENTS, SUPPLIES.	10	1.8	.1	-	(D)	(D)	-
3841	SURGICAL AND MEDICAL INSTRUMENTS.	7	1.6	-	-	(D)	(D)	-
3842	SURGICAL APPLIANCES AND SUPPLIES.	1	(D)	-	-	-	-	-
3843	DENTAL EQUIPMENT AND SUPPLIES.	2	(D)	-	-	(D)	(D)	-
3851	OPHTHALMIC GOODS.	2	(D)	(D)	-	(D)	(D)	-
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES.	22	67.5	(D)	(D)	29.2	48.5	-
3873	WATCHES, CLOCKS, AND WATCHCASES.	4	.7	-	-	.5	.2	-
39	MISC. MANUFACTURING INDUSTRIES.	49	14.3	1.4	(D)	2.3	9.3	-
391	JEWELRY, SILVER AND PLATED WARE.	5	(D)	-	-	(D)	(D)	-
3914	SILVERWARE AND PLATED WARE.	3	.2	-	-	-	.2	-
3915	JEWELERS' MATS., LAPIDARY WORK.	2	(D)	-	-	(D)	(D)	-
394	TOYS AND SPORTING GOODS.	13	2.7	(D)	-	1.5	.7	-
3944	GAMES, TOYS, CHILDREN'S VEHICLES.	3	(D)	-	-	(D)	(D)	-
3949	SPORTING AND ATHLETIC GOODS, NEC.	10	(D)	(D)	-	(D)	(D)	-
395	PENS, OFFICE AND ART GOODS.	3	(D)	-	-	-	-	-
3951	PENS AND MECHANICAL PENCILS.	1	(D)	-	-	-	-	-
3952	LEAD PENCILS AND ART GOODS.	1	(D)	-	-	-	-	-
3955	CARBON PAPER AND INKED RIBBONS.	1	(D)	-	-	-	-	-
396	COSTUME JEWELRY AND NOTIONS.	11	2.7	(D)	1.0	(D)	(D)	-
3961	COSTUME JEWELRY.	2	(D)	-	-	-	-	-
3964	NEEDLES, PINS, AND FASTENERS.	9	(D)	(D)	1.0	(D)	(D)	-
399	MISCELLANEOUS MANUFACTURES.	15	(D)	(D)	-	-	(D)	-
3991	BROOMS AND BRUSHES.	2	(D)	-	-	-	(D)	-
3995	BURIAL CASKETS.	2	(D)	-	-	-	-	-
3996	HARD SURFACE FLOOR COVERINGS.	5	(D)	(D)	-	-	(D)	-
3999	MANUFACTURING INDUSTRIES, NEC.	6	.1	-	-	-	-	-

Note: Figures for industry groups (3-digit) and major groups (2-digit) include data for all component industries whether or not separate figures are shown for individual industries in group.

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

¹Represents gross water used minus intake water.

²Industries which had no establishments recirculating water have been omitted. Also, see footnote 4, table 1A.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973

(Billion gallons)

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
	ALL INDUSTRIES TOTAL ¹	43412.6	15024.3	14143.5	7993	4196	6156.3	305.1	3636.3	546.4	1481.1	38.7	62.3	86.2
20	FOOD AND KINDRED PRODUCTS.	1579.8	803.8	744.5	2061	1306	246.9	75.8	79.6	23.1	3.2	3.7	22.6	38.8
201	MEAT PRODUCTS.	167.0	108.6	105.1	419	316	57.3	35.2	15.2	3.2	.5	-	1.9	1.2
2011	MEATPACKING PLANTS	117.7	69.3	68.3	192	136	40.5	26.0	9.4	2.8	-	-	(D)	(D)
2013	SAUSAGES AND OTHER PREPARED MEATS.	13.7	7.6	6.6	66	47	2.9	2.6	(D)	-	-	-	-	(D)
2016	POULTRY DRESSING PLANTS.	32.7	28.5	27.3	136	119	12.5	5.6	3.5	.4	.5	-	.5	-
2017	POULTRY AND EGG PROCESSING	3.2	3.1	3.0	23	14	1.4	1.0	(D)	-	-	-	(D)	-
202	DAIRY PRODUCTS	79.7	43.3	40.8	426	264	4.5	1.8	2.0	.1	-	-	.5	.1
2021	CREAMERY BUTTER.	3.5	(D)	2.5	23	10	.1	.1	-	-	-	-	-	-
2022	CHEESE, NATURAL AND PROCESSED.	11.0	6.5	6.3	50	16	1.0	(D)	.2	(D)	-	-	(D)	-
2023	CONDENSED AND EVAPORATED MILK.	16.7	10.6	10.7	56	25	1.5	.4	1.1	-	-	-	-	-
2024	ICE CREAM AND FROZEN DESSERTS.	4.5	(D)	1.8	37	29	-	-	-	-	-	-	-	-
2026	FLUID MILK	42.0	21.4	19.5	260	189	1.9	(D)	.7	(D)	-	-	(D)	-
203	PRESERVED FRUITS AND VEGETABLES.	226.4	126.9	118.4	362	173	67.6	20.0	25.1	(D)	(D)	-	13.1	5.1
2032	CANNED SPECIALTIES	26.5	22.8	20.2	36	19	9.5	5.4	3.1	-	-	-	.9	-
2033	CANNED FRUITS AND VEGETABLES	64.7	38.4	35.0	183	77	18.4	6.8	4.8	.4	(D)	-	(D)	1.2
2034	DEHYD. FRUITS, VEGETABLES, SOUPS.	14.1	6.3	5.9	23	14	4.0	1.9	.1	-	-	-	1.3	.7
2035	PICKLES, SAUCES, SALAD DRESSINGS.	5.5	2.7	2.4	23	12	1.1	.4	(D)	(D)	-	-	-	-
2037	FROZEN FRUITS AND VEGETABLES	98.1	50.4	49.3	62	25	31.3	2.5	(D)	(D)	(D)	-	6.6	3.1
2038	FROZEN SPECIALTIES	7.4	6.3	5.7	35	26	3.3	2.5	(D)	-	-	-	(D)	-
204	GRAIN MILL PRODUCTS.	140.8	79.7	72.5	84	57	12.6	3.3	4.0	(D)	(D)	-	(D)	(D)
2041	FLOUR, OTHER GRAIN MILL PRODUCTS	(D)	1.4	1.2	17	17	.4	.3	-	-	-	-	-	-
2043	CEREAL BREAKFAST FOODS	6.6	5.3	4.5	10	6	1.4	-	1.4	-	-	-	-	-
2044	RICE MILLING	(D)	.3	.3	4	4	.1	.1	-	-	-	-	-	-
2045	BLENDED AND PREPARED FLOUR	(D)	.6	.2	6	6	-	-	-	-	-	-	-	-
2046	WET CORN MILLING	124.8	67.0	61.6	20	6	7.5	(D)	.3	(D)	(D)	-	(D)	(D)
2047	DUG, CAT, AND OTHER PET FOOD	3.5	2.7	2.2	21	12	(D)	(D)	(D)	-	(D)	-	(D)	-
2048	PREPARED FEEDS, NEC.	3.0	2.6	2.4	6	4	(D)	-	(D)	-	-	-	-	-
205	BAKERY PRODUCTS.	11.6	5.0	4.2	88	81	(D)	(D)	-	-	-	-	(D)	-
2051	BREAD, CAKE, AND RELATED PRODUCTS.	4.2	2.8	2.3	59	68	(D)	(D)	-	-	-	-	(D)	-
2052	COOKIES AND CRACKERS	7.4	2.2	1.9	19	13	(D)	(D)	-	-	-	-	-	-
206	SUGAR, CONFECTIONERY PRODUCTS.	387.3	198.8	189.1	99	38	80.5	(D)	25.8	12.1	(D)	3.5	6.2	32.1
2061	RAW CANE SUGAR	144.6	80.1	74.1	4	-	47.6	-	4.6	(D)	-	3.5	(D)	29.0
2062	CANE SUGAR REFINING.	84.5	68.7	67.0	15	1	17.2	-	(D)	(D)	(D)	-	(D)	-
2063	BET SUGAR	111.5	37.4	36.0	29	3	15.4	.4	(D)	(D)	-	-	3.1	(D)
2065	CONFECTIONERY PRODUCTS	27.9	(D)	(D)	37	26	(D)	(D)	-	-	-	-	-	-
2066	CHOCOLATE AND COCOA PRODUCTS	(D)	9.0	8.8	12	6	(D)	(D)	-	-	-	-	-	(D)
2067	CHEWING GUM.	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
207	FATS AND OILS.	130.8	39.1	32.6	122	63	9.7	4.6	4.7	(D)	-	-	.2	(D)
2074	COTTONSEED OIL MILLS	5.3	(D)	2.1	5	1	.1	-	-	-	-	-	-	-
2075	SOYBEAN OIL MILLS.	56.0	16.0	11.9	35	10	3.8	(D)	3.0	-	-	-	(D)	-
2076	VEGETABLE OIL MILLS, NEC.	3.8	(D)	2.1	8	5	.1	.1	-	-	-	-	-	-
2077	ANIMAL AND MARINE FATS AND OILS.	5.3	4.5	4.3	41	25	1.9	(D)	.7	(D)	-	-	(D)	(D)
2079	SHORTENING AND COOKING OILS.	60.3	14.1	12.1	33	22	3.8	2.8	1.0	-	-	-	-	-
208	BEVERAGES.	290.8	100.3	82.4	323	219	11.9	8.8	2.6	(D)	-	-	.4	(D)
2082	MALT BEVERAGES	223.6	61.9	48.6	90	57	6.1	4.7	1.4	-	-	-	-	-
2083	MALT	26.9	8.4	7.6	21	13	2.2	1.3	(D)	-	-	-	(D)	-
2084	WINES, BRANDY, AND BRANDY SPIRITS.	3.6	2.0	1.8	3	2	(D)	(D)	-	(D)	-	-	(D)	-
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	19.9	14.2	12.9	20	9	1.0	(D)	(D)	-	-	-	-	-
2086	BOTTLED AND CANNED SOFT DRINKS	12.1	10.5	8.4	171	122	1.7	1.4	.1	-	-	-	(D)	(D)
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	4.7	3.3	3.0	18	16	(D)	(D)	-	-	-	-	-	-
209	MISC. FOODS, KINDRED PRODUCTS.	145.6	102.2	99.5	138	90	(D)	(D)	(D)	-	(D)	(D)	-	-
2091	CANNED AND CURED SEAFOODS.	(D)	(D)	(D)	12	2	(D)	-	-	-	(D)	(D)	-	-
2092	FRESH OR FROZEN PACKAGED FISH.	2.9	2.7	2.0	18	9	2.9	.3	(D)	(D)	-	(D)	-	-
2095	ROASTED COFFEE	(D)	3.8	2.9	15	12	(D)	(D)	(D)	-	(D)	-	-	-
2097	MANUFACTURED ICE	3.7	3.1	2.6	15	10	(D)	-	-	-	-	-	-	-
2098	MACARONI AND SPAGHETTI . . . . .	.4	.1	.1	5	5	-	-	-	-	-	-	-	-
2099	FOOD PREPARATIONS, NEC.	36.1	(D)	(D)	73	52	(D)	(D)	-	-	-	-	-	-
21	TOBACCO PRODUCTS	99.6	5.4	4.2	16	11	(D)	-	(D)	-	-	-	-	-
2111	CIGARETTES	95.8	3.6	2.6	11	8	-	-	-	-	-	-	-	-
2121	CIGARS	(D)	(D)	(D)	3	1	-	-	-	-	-	-	-	-
2141	TOBACCO STEMMING AND REDRYING.	(D)	(D)	(D)	2	2	(D)	-	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	426.4	177.7	159.9	616	414	68.5	17.2	44.5	6.0	-	-	(D)	(D)
2211	WEAVING MILLS, COTTON.	80.2	17.1	12.9	78	38	6.9	2.4	4.3	(D)	-	-	(D)	-
2221	WEAVING MILLS, MANMADE FIBER, SILK.	74.6	23.5	20.2	80	40	5.6	(D)	4.7	-	-	-	-	(D)
2231	WEAVING AND FINISHING MILLS, WOOL.	7.5	6.7	6.6	18	13	3.3	.8	2.4	(D)	-	-	(D)	-
2241	NARROW FABRIC MILLS. . . . .	.4	.4	.4	10	6	-	-	-	-	-	-	-	-
225	KNITTING MILLS	38.6	30.8	29.4	135	104	8.3	2.4	4.2	1.6	-	-	.1	-
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	2.6	1.7	1.6	22	17	(D)	-	-	-	-	-	-	-
2252	HOSIERY, NEC.	1.3	.8	.8	21	18	(D)	-	-	-	-	-	-	-
2253	KNIT OUTERWEAR MILLS	(D)	2.8	2.7	13	7	.3	-	.3	-	-	-	-	-
2254	KNIT UNDERWEAR MILLS	(D)	.8	.8	10	8	-	-	-	-	-	-	-	-
2257	CIRCULAR KNIT FABRIC MILLS	23.5	19.7	18.9	52	43	5.8	2.0	2.1	1.6	-	-	.1	-
2258	WARP KNIT FABRIC MILLS	7.5	5.0	4.4	17	11	2.1	.3	1.8	-	-	-	-	-
226	TEXTILE FINISHING, EXCEPT WOOL	65.6	53.7	48.6	99	80	27.1	4.9	18.2	3.9	-	-	(D)	(D)
2261	FINISHING PLANTS, COTTON	28.5	20.8	18.6	24	18	9.8	(D)	6.8	(D)	-	-	-	-
2262	FINISH, PLTS, MANMADE FIBER, SILK.	27.5	24.4	22.0	35	27	15.7	(D)	10.3	(D)	-	-	(D)	(D)
2269	FINISHING PLANTS, NEC.	9.6	8.5	7.9	40	35	1.6	.5	1.1	-	-	-	-	-
227	FLOOR COVERING MILLS	22.5	18.9	17.8	56	45	8.0	(D)	5.7	-	-	-	(D)	-
2271	WOVEN CARPETS AND RUGS	2.0	1.3	1.1	5	4	(D)	(D)	(D)	-	-	-	-	-
2272	TUFTED CARPETS AND RUGS.	19.9	17.0	16.3	47	38	7.5	2.0	(D)	-	-	-	(D)	-
2279	CARPETS AND RUGS, NEC. . . . .	.6	.5	.5	4	3	(D)	(D)	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
	ALL INDUSTRIES, TOTAL.	7987.2	728.7	5442.9	671.6	793.2	124.9	148.1	76.6
20	FOOD AND KINDRED PRODUCTS.	497.7	151.0	179.0	16.6	35.0	(D)	19.8	(D)
201	MEAT PRODUCTS.	47.8	29.9	14.3	2.3	-	-	.8	.6
2011	MEATPACKING PLANTS.	27.7	13.5	12.1	1.7	-	-	(D)	(D)
2013	SAUSAGES AND OTHER PREPARED MEATS.	3.7	2.1	1.6	-	-	-	-	-
2016	POULTRY DRESSING PLANTS.	14.8	13.1	(D)	(D)	-	-	(D)	(D)
2017	POULTRY AND EGG PROCESSING.	1.5	1.2	(D)	(D)	-	-	-	-
202	DAIRY PRODUCTS.	36.3	20.8	13.3	.4	-	-	1.3	.3
2021	CHEESE, NATURAL AND PROCESSED.	2.4	.8	1.1	(D)	-	-	(D)	-
2022	CHEESE, NATURAL AND PROCESSED.	5.3	1.9	2.9	.2	-	-	.2	.1
2023	CONDENSED AND EVAPORATED MILK.	9.2	3.5	5.4	(D)	-	-	(D)	-
2024	ICE CREAM AND FROZEN DESSERTS.	1.8	1.4	.3	-	-	-	.1	-
2026	FLUID MILK.	17.6	13.2	3.6	.1	-	-	.4	.2
203	PRESERVED FRUITS AND VEGETABLES.	50.8	20.9	10.8	6.9	1.5	-	8.2	2.5
2032	CANNED SPECIALTIES.	10.7	5.0	1.6	-	.2	-	4.0	-
2033	CANNED FRUITS AND VEGETABLES.	16.6	8.7	3.6	(D)	(D)	-	3.2	.2
2034	DEHYD. FRUITS, VEGETABLES, SOUPS.	1.8	.9	-	-	.1	-	.3	.6
2035	PICKLES, SAUCES, SALAD DRESSINGS.	1.2	.6	-	(D)	(D)	-	-	-
2037	FROZEN FRUITS AND VEGETABLES.	18.0	4.0	4.0	6.6	.1	-	.8	1.7
2038	FROZEN SPECIALTIES.	2.4	1.7	.7	-	-	-	-	-
204	GRAIN MILL PRODUCTS.	59.9	16.8	38.9	(D)	(D)	-	.4	-
2041	FLOUR, OTHER GRAIN MILL PRODUCTS. . . . .	.8	.7	.1	-	-	-	-	-
2043	CEREAL BREAKFAST FOODS.	3.1	2.7	(D)	-	-	-	(D)	-
2044	RICE MILLING. . . . .	.2	.2	-	-	-	-	-	-
2045	BLENDED AND PREPARED FLOUR. . . . .	.2	.2	-	-	-	-	-	-
2046	WET CORN MILLING.	54.1	12.0	38.1	(D)	(D)	-	(D)	-
2047	DOG, CAT, AND OTHER PET FOOD.	(D)	(D)	(D)	(D)	(D)	-	-	-
2048	PREPARED FEEDS, NEC.	(D)	(D)	(D)	(D)	-	-	-	-
205	BAKERY PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
2051	BREAD, CAKE, AND RELATED PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
2052	COOKIES AND CRACKERS.	(D)	(D)	(D)	-	-	-	-	-
206	SUGAR, CONFECTIONERY PRODUCTS.	102.6	5.3	56.1	(D)	27.6	(D)	6.1	8.7
2061	RAW CANE SUGAR.	26.5	.1	10.0	-	-	(D)	(D)	8.6
2062	CANE SUGAR REFINING.	49.8	1.3	20.5	.2	27.6	-	-	.1
2063	BET SUGAR.	20.7	(D)	17.2	(D)	-	-	.7	-
2065	CONFECTIONERY PRODUCTS.	(D)	(D)	(D)	-	-	-	(D)	-
2066	CHOCOLATE AND COCOA PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
2067	CHEWING GUM.	(D)	(D)	-	-	-	-	-	-
207	FATS AND OILS.	27.9	(D)	16.3	.3	(D)	-	1.2	(D)
2074	COTTONSEED OIL MILLS.	2.1	(D)	1.3	-	-	-	-	(D)
2075	SOYBEAN OIL MILLS.	8.1	.5	7.1	(D)	-	-	(D)	-
2076	VEGETABLE OIL MILLS, NEC.	2.0	(D)	-	-	(D)	-	(D)	-
2077	ANIMAL AND MARINE FATS AND OILS.	2.4	.7	1.6	(D)	(D)	-	-	-
2079	SHORTENING AND COOKING OILS.	8.3	(D)	6.4	-	-	-	(D)	-
208	BEVERAGES.	70.4	41.6	24.1	2.0	1.1	-	.9	.6
2082	MALT BEVERAGES.	42.5	30.7	9.6	1.8	-	-	(D)	(D)
2083	MALT.	5.4	2.1	3.3	-	-	-	-	-
2084	WINES, BRANDY, AND BRANDY SPIRITS.	(D)	(D)	-	(D)	-	-	(D)	(D)
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	11.8	1.5	10.1	(D)	-	-	-	(D)
2086	BOTTLED AND CANNED SOFT DRINKS.	6.8	(D)	(D)	-	(D)	-	-	-
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	(D)	(D)	(D)	-	(D)	-	-	-
209	MISC. FOODS, KINDRED PRODUCTS.	(D)	(D)	(D)	-	1.7	(D)	1.0	.1
2091	CANNED AND CURED SEAFOODS.	(D)	(D)	(D)	-	(D)	(D)	(D)	-
2092	FRESH OR FROZEN PACKAGED FISH.	1.1	.4	-	-	(D)	-	-	-
2095	ROASTED COFFEE.	(D)	(D)	(D)	-	-	-	-	-
2097	MANUFACTURED ICE.	2.6	.9	.7	-	.1	-	.6	-
2098	MACARONI AND SPAGHETTI. . . . .	.1	.1	-	-	-	-	-	-
2099	FOOD PREPARATIONS, NEC.	(D)	(D)	(D)	-	-	-	(D)	-
21	TOBACCO PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
2111	CIGARETTES.	2.6	2.4	.2	-	-	-	-	-
2121	CIGARS.	(D)	(D)	-	-	-	-	-	-
2141	TOBACCO STEMMING AND REDRYING.	(D)	(D)	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	91.4	67.3	21.6	.9	-	(D)	.9	(D)
2211	WEAVING MILLS, COTTON.	6.0	3.4	2.3	.2	-	-	-	-
2221	WEAVING MILLS, MANMADE FIBER, SILK.	14.5	6.7	7.5	-	-	(D)	(D)	(D)
2231	WEAVING AND FINISHING MILLS, WOOL.	3.3	2.2	1.1	-	-	-	-	-
2241	NARROW FABRIC MILLS. . . . .	.4	.3	-	-	-	-	-	-
225	KNITTING MILLS.	21.0	20.0	.7	-	-	-	.1	.2
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	(D)	(D)	-	-	-	-	-	-
2252	HOSIERY, NEC.	(D)	(D)	-	-	-	-	-	-
2253	KNIT OUTERWEAR MILLS.	2.4	2.4	-	-	-	-	-	-
2254	KNIT UNDERWEAR MILLS. . . . .	.8	(D)	-	-	-	-	-	(D)
2257	CIRCULAR KNIT FABRIC MILLS.	13.1	12.6	.4	-	-	-	-	-
2258	WARP KNIT FABRIC MILLS.	2.3	(D)	.2	-	-	-	-	(D)
226	TEXTILE FINISHING, EXCEPT WOOL.	21.4	15.8	5.3	(D)	-	-	(D)	(D)
2261	FINISHING PLANTS, COTTON.	8.8	5.9	2.7	(D)	-	-	-	(D)
2262	FINISH. PLTS, MANMADE FIBER, SILK.	6.3	3.7	2.4	(D)	-	-	(D)	-
2269	FINISHING PLANTS, NEC.	6.3	6.2	.1	-	-	-	-	-
227	FLOOR COVERING MILLS.	9.8	9.3	.5	-	-	-	-	-
2271	WOVEN CARPETS AND RUGS.	(D)	(D)	(D)	-	-	-	-	-
2272	TUFTED CARPETS AND RUGS.	8.8	(D)	(D)	-	-	-	-	-
2279	CARPETS AND RUGS, NEC.	(D)	(D)	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
22	TEXTILE MILL PRODUCTS--CON.													
228	YARN AND THREAD MILLS.	115.8	16.6	15.4	85	49	6.1	2.3	3.9	-	-	-	-	-
2281	YARN MILLS, EXCEPT WOOL.	86.7	6.2	5.5	52	26	2.2	.6	1.6	-	-	-	-	-
2282	THROWING AND WINDING MILLS.	10.0	4.4	4.3	17	10	1.3	(D)	(D)	-	-	-	-	-
2283	WOOL YARN MILLS.	(D)	1.0	1.0	5	5	.4	(D)	(D)	-	-	-	-	-
2284	THREAD MILLS.	(D)	5.0	4.7	11	8	2.1	1.1	1.0	-	-	-	-	-
229	MISCELLANEOUS TEXTILE GOODS.	21.2	10.0	8.7	55	39	3.0	1.5	1.2	0.3	-	-	-	-
2291	FELT GOODS, EXC. WOVEN FELT, HATS. . . . .	.6	.6	.6	5	4	(D)	(D)	(D)	-	-	-	-	-
2292	LACE GOODS.	(D)	(D)	(D)	1	1	(D)	(D)	-	-	-	-	-	-
2293	PADDINGS AND UPHOLSTERY FILLING.	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
2294	PROCESSED TEXTILE WASTE.	(D)	1.2	1.0	5	5	.9	.9	-	-	-	-	-	-
2295	COATED FABRICS, NOT RUBBERIZED.	4.7	3.4	3.2	12	6	.3	(D)	-	(D)	-	-	-	-
2296	TIRE CORD AND FABRIC.	8.2	.8	.5	11	6	-	-	(D)	(D)	-	-	-	-
2297	NONWOVEN FABRICS.	3.1	1.5	1.5	9	7	1.1	(D)	(D)	-	-	-	-	-
2298	CORDAGE AND TWINE.	(D)	.4	.3	3	1	(D)	(D)	-	-	-	-	-	-
2299	TEXTILE GOODS, NEC.	(D)	1.9	1.5	7	7	.3	-	.2	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	265.2	159.8	122.5	124	28	37.8	(D)	31.2	(D)	(D)	-	1.7	-
2411	LOGGING CAMPS, LOG CONTRACTORS.	(D)	(D)	(D)	1	-	(D)	-	(D)	-	-	-	-	-
242	SAWMILLS AND PLANING MILLS.	207.1	126.6	99.7	47	6	28.0	(D)	25.7	(D)	(D)	-	.8	-
2421	SAWMILLS, PLANING MILLS, GENERAL.	203.7	123.3	99.5	40	5	27.9	(D)	25.7	(D)	(D)	-	.8	-
2426	HARDWOOD DIMENSION AND FLOORING.	(D)	(D)	.2	5	1	-	-	-	-	-	-	-	-
2429	SPECIAL PRODUCT SAWMILLS, NEC.	(D)	(D)	-	2	-	-	-	-	-	-	-	-	-
243	MILLWORK, PLYWOOD, STRUC. MEMBS.	28.4	18.7	11.0	43	12	(D)	-	(D)	(D)	-	-	(D)	-
2431	MILLWORK.	(D)	(D)	1.2	8	4	-	-	-	-	-	-	-	-
2434	WOOD KITCHEN CABINETS.	(D)	(D)	-	1	-	-	-	-	-	-	-	-	-
2435	HARDWOOD VENEER AND PLYWOOD.	(D)	(D)	.6	4	1	(D)	-	(D)	-	-	-	(D)	-
2436	SOFTWOOD VENEER AND PLYWOOD.	(D)	10.8	9.3	30	7	4.3	-	1.2	(D)	-	-	(D)	-
244	WOOD CONTAINERS.	(D)	(D)	(D)	5	3	-	-	-	-	-	-	-	-
2441	NAILED WOOD BOXES AND SHOOK.	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
2448	WOOD PALLETS AND SKIDS.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
2449	WOOD CONTAINERS, NEC. . . . .	.1	(D)	(D)	3	2	-	-	-	-	-	-	-	-
249	MISCELLANEOUS WOOD PRODUCTS.	29.0	14.0	11.1	28	7	5.2	-	4.1	(D)	-	-	(D)	-
2491	WOOD PRESERVING. . . . .	.8	.3	.2	3	3	(D)	-	-	-	-	-	-	-
2492	PARTICLEBOARD.	2.9	1.9	1.3	7	2	(D)	-	(D)	-	-	-	(D)	-
2499	WOOD PRODUCTS, NEC.	25.4	11.8	9.6	15	2	4.5	-	(D)	(D)	-	-	.1	-
25	FURNITURE AND FIXTURES.	9.2	6.4	6.2	58	25	(D)	(D)	(D)	-	-	-	-	-
251	HOUSEHOLD FURNITURE.	4.6	3.8	3.7	26	13	.3	(D)	(D)	-	-	-	-	-
2511	WOOD HOUSEHOLD FURNITURE.	2.7	2.1	2.0	13	6	.1	-	-	-	-	-	-	-
2512	UPHOLSTERED HOUSEHOLD FURNITURE.	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
2514	METAL HOUSEHOLD FURNITURE.	(D)	1.2	1.2	9	5	(D)	(D)	-	-	-	-	-	-
2515	MATTRESSES AND BEDSPRINGS.	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
2517	WOOD TV AND RADIO CABINETS.	(D)	(D)	(D)	1	-	(D)	-	(D)	-	-	-	-	-
2519	HOUSEHOLD FURNITURE, NEC.	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
2522	METAL OFFICE FURNITURE.	2.8	1.2	1.3	13	5	.1	.1	.1	-	-	-	-	-
2531	PUBLIC BLDG., RELATED FURNITURE.	(D)	.3	.3	6	1	(D)	(D)	-	-	-	-	-	-
2542	METAL PARTITIONS AND FIXTURES. . . . .	.6	.5	.5	8	3	(D)	-	(D)	-	-	-	-	-
2591	DRAPERY HARDWARE, BLINDS, SHADES.	(D)	.6	.5	5	3	.1	.1	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	8126.9	2415.4	2300.5	441	171	1249.9	46.5	942.9	35.0	200.7	14.2	8.7	2.1
2611	PULPMILLS.	925.7	256.3	250.7	15	4	139.8	-	87.1	-	(D)	(D)	-	-
2621	PAPERMILLS, EXCEPT BUILDING PAPER.	3839.0	1277.9	1231.1	150	22	621.3	30.4	497.0	22.8	68.3	(D)	1.6	1.2
2631	PAPERBOARD MILLS.	3126.3	770.4	716.5	127	59	451.1	13.7	327.1	(D)	81.9	(D)	(D)	.6
264	MISC. CONVERTED PAPER PRODUCTS.	143.8	82.9	77.2	72	33	27.9	(D)	25.1	(D)	-	-	.7	(D)
2641	PAPER COATING AND GLAZING.	44.8	27.4	23.2	33	15	16.9	-	(D)	(D)	-	-	.7	-
2642	ENVELOPES.	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
2643	BAGS, EXCEPT TEXTILE BAGS.	38.0	10.2	9.3	9	1	(D)	-	(D)	-	-	-	-	-
2645	DIE-CUT PAPER AND BOARD.	(D)	3.3	(D)	7	4	(D)	-	(D)	-	-	-	-	-
2646	PRESSED AND MOLDED PULP GOODS.	43.1	35.2	34.8	10	6	(D)	(D)	(D)	-	-	-	-	-
2647	SANITARY PAPER PRODUCTS.	13.5	6.4	6.3	7	2	(D)	-	(D)	-	-	-	(D)	-
2648	STATIONERY PRODUCTS.	(D)	(D)	-	2	2	-	-	-	-	-	-	-	-
2649	CONVERTED PAPER PRODUCTS, NEC.	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
265	PAPERBOARD CONTAINERS AND BOXES.	11.4	5.6	5.2	45	37	1.2	(D)	1.0	-	-	-	-	(D)
2651	FOLDING PAPERBOARD BOXES.	3.4	1.8	1.7	11	8	(D)	(D)	(D)	-	-	-	-	-
2653	CORRUGATED AND SOLID FIBER BOXES.	(D)	(D)	(D)	20	19	(D)	(D)	(D)	-	-	-	-	(D)
2654	SANITARY FOOD CONTAINERS.	6.8	2.8	2.6	12	8	(D)	-	(D)	-	-	-	-	-
2655	FIBER CANS, DRUMS, SIMILAR PRDCTS.	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
2661	BUILDING PAPER AND BOARD MILLS.	80.6	22.4	19.8	32	16	8.6	2.0	5.6	-	(D)	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS.	11098.7	4176.2	3911.2	696	296	1577.5	54.4	679.2	121.0	671.2	(D)	(D)	35.9
281	INDUSTRIAL INORGANIC CHEMICALS.	1884.1	807.9	760.2	142	52	188.4	3.8	105.7	31.4	(D)	(D)	2.0	.1
2812	ALKALIES AND CHLORINE.	472.3	353.0	342.3	11	1	104.3	-	45.3	(D)	(D)	-	(D)	-
2813	INDUSTRIAL GASES.	457.9	(D)	(D)	21	8	(D)	-	(D)	(D)	-	-	-	-
2816	INORGANIC PIGMENTS.	153.5	(D)	(D)	16	9	(D)	(D)	(D)	-	(D)	-	(D)	-
2819	INDUSTRIAL INORGANIC CHEM., NEC.	800.4	261.8	236.0	94	34	44.0	(D)	24.2	1.4	13.2	(D)	2.5	.1
282	PLASTICS MATERIALS, SYNTHETICS.	1993.4	567.6	539.1	88	35	177.4	(D)	126.8	.4	(D)	-	3.0	.7
2821	PLASTICS MATERIALS AND RESINS.	711.1	201.8	185.6	68	30	105.7	(D)	67.5	(D)	(D)	-	.2	.4
2822	SYNTHETIC RUBBER.	325.6	(D)	30.0	6	2	(D)	(D)	(D)	-	(D)	-	(D)	(D)
2823	CELLULOSIC MANMADE FIBERS.	299.8	(D)	81.8	3	1	(D)	(D)	(D)	(D)	-	-	-	(D)
2824	ORGANIC FIBERS, NONCELLULOSIC.	656.9	248.7	241.7	11	2	43.2	.1	39.9	-	(D)	-	(D)	-
283	DRUGS.	223.7	61.0	56.1	79	35	15.2	6.3	(D)	(D)	-	(D)	-	-
2831	BIOLOGICAL PRODUCTS.	3.1	.9	.8	8	3	.4	-	.4	-	-	-	-	-
2833	MEDICINALS AND BOTANICALS.	35.6	19.0	18.2	12	3	3.0	1.9	1.1	-	-	-	-	-
2834	PHARMACEUTICAL PREPARATIONS.	185.1	41.2	37.1	59	29	11.8	4.4	(D)	(D)	-	(D)	-	-

See footnotes at end of table.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
22	TEXTILE MILL PRODUCTS--CON.								
228	YARN AND THREAD MILLS.	9.3	5.8	3.0	-	-	-	0.4	-
2281	YARN MILLS, EXCEPT WOOL.	3.2	2.2	.9	-	-	-	-	-
2282	THROWING AND WINDING MILLS.	3.0	(D)	(D)	-	-	-	.4	-
2283	WOOL YARN MILLS. . . . .	.6	.6	-	-	-	-	-	-
2284	THREAD MILLS.	2.5	(D)	(D)	-	-	-	-	-
229	MISCELLANEOUS TEXTILE GOODS.	5.7	4.0	1.1	(D)	-	-	(D)	-
2291	FELT GOODS, EXC. WOVEN FELT, HATS.	(D)	(D)	-	(D)	-	-	-	-
2292	LACE GOODS.	-	-	-	-	-	-	-	-
2293	PADDINGS AND UPHOLSTERY FILLING.	(D)	(D)	-	-	-	-	-	-
2294	PROCESSED TEXTILE WASTE. . . . .	.1	.1	-	-	-	-	-	-
2295	COATED FABRICS, NOT RUBBERIZED.	2.9	1.9	.9	(D)	-	-	(D)	-
2296	TIRE CORD AND FABRIC.	(D)	(D)	-	-	-	-	-	-
2297	NONWOVEN FABRICS. . . . .	.4	(D)	(D)	-	-	-	-	-
2298	CORDAGE AND TWINE.	(D)	(D)	-	-	-	-	-	-
2299	TEXTILE GOODS, NEC.	1.2	.9	(D)	-	-	-	(D)	-
24	LUMBER AND WOOD PRODUCTS.	84.6	3.2	51.4	16.3	7.9	-	4.9	1.0
2411	LOGGING CAMPS, LOG CONTRACTORS.	(D)	-	(D)	-	-	-	-	-
242	SAWMILLS AND PLANING MILLS.	71.7	(D)	46.0	13.1	7.9	-	4.0	(D)
2421	SAWMILLS, PLANING MILLS, GENERAL.	71.5	(D)	(D)	13.1	7.9	-	(D)	(D)
2426	HARDWOOD DIMENSION AND FLOORING. . . . .	.2	-	-	-	-	-	(D)	(D)
2429	SPECIAL PRODUCT SAWMILLS, NEC.	-	-	-	-	-	-	-	-
243	MILLWORK, PLYWOOD, STRUC. MEMBS.	(D)	(D)	(D)	(D)	-	-	(D)	-
2431	MILLWORK.	1.2	(D)	(D)	-	-	-	-	-
2434	WOOD KITCHEN CABINETS.	-	-	-	-	-	-	-	-
2435	HARDWOOD VENEER AND PLYWOOD.	(D)	(D)	(D)	-	-	-	-	-
2436	SOFTWOOD VENEER AND PLYWOOD.	5.0	.7	.8	(D)	-	-	(D)	-
244	WOOD CONTAINERS.	(D)	(D)	(D)	-	-	-	-	-
2441	NAILED WOOD BOXES AND SHOOK.	-	-	-	-	-	-	-	-
2448	WOOD PALLETS AND SKIDS.	(D)	-	(D)	-	-	-	-	-
2449	WOOD CONTAINERS, NEC.	(D)	(D)	-	-	-	-	-	-
249	MISCELLANEOUS WOOD PRODUCTS.	6.0	(D)	3.8	(D)	-	-	(D)	(D)
2491	WOOD PRESERVING.	(D)	(D)	-	(D)	-	-	-	-
2492	PARTICLEBOARD.	(D)	(D)	(D)	-	-	-	(D)	-
2499	WOOD PRODUCTS, NEC.	5.1	(D)	(D)	(D)	-	-	-	(D)
25	FURNITURE AND FIXTURES.	(D)	(D)	(D)	(D)	-	-	-	-
251	HOUSEHOLD FURNITURE.	3.3	1.5	1.8	-	-	-	-	-
2511	WOOD HOUSEHOLD FURNITURE.	1.9	(D)	(D)	-	-	-	-	-
2512	UPHOLSTERED HOUSEHOLD FURNITURE.	(D)	(D)	-	-	-	-	-	-
2514	METAL HOUSEHOLD FURNITURE.	(D)	(D)	(D)	-	-	-	-	-
2515	MATTRESSES AND BEDSPRINGS.	-	-	-	-	-	-	-	-
2517	WOOD TV AND RADIO CABINETS.	-	-	-	-	-	-	-	-
2519	HOUSEHOLD FURNITURE, NEC.	(D)	(D)	-	-	-	-	-	-
2522	METAL OFFICE FURNITURE.	1.2	(D)	(D)	-	-	-	-	-
2531	PUBLIC BLDG., RELATED FURNITURE.	(D)	-	(D)	-	-	-	-	-
2542	METAL PARTITIONS AND FIXTURES.	(D)	(D)	(D)	-	-	-	-	-
2591	DRAPERY HARDWARE, BLINDS, SHADES. . . . .	.4	.4	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	1050.6	69.1	752.2	16.0	183.7	16.5	1.1	11.9
2611	PULPMILLS.	110.9	4.4	18.3	1.9	69.6	16.5	-	.2
2621	PAPERMILLS, EXCEPT BUILDING PAPER.	609.7	30.0	527.9	3.9	(D)	-	.3	(D)
2631	PAPERBOARD MILLS.	265.4	24.1	159.2	8.9	72.3	-	.4	.4
264	MISC. CONVERTED PAPER PRODUCTS.	49.3	7.7	35.0	(D)	(D)	-	(D)	(D)
2641	PAPER COATING AND GLAZING.	6.3	2.4	(D)	-	-	-	(D)	-
2642	ENVELOPES.	(D)	(D)	-	-	-	-	-	-
2643	BAGS, EXCEPT TEXTILE BAGS.	(D)	(D)	(D)	(D)	-	-	-	(D)
2645	DIE-CUT PAPER AND BOARD.	(D)	(D)	(D)	-	-	-	-	-
2646	PRESSED AND MOLDED PULP GOODS.	(D)	(D)	(D)	(D)	(D)	-	-	(D)
2647	SANITARY PAPER PRODUCTS.	(D)	(D)	(D)	-	-	-	-	(D)
2648	STATIONERY PRODUCTS.	-	-	-	-	-	-	-	-
2649	CONVERTED PAPER PRODUCTS, NEC.	(D)	-	(D)	-	-	-	-	-
265	PAPERBOARD CONTAINERS AND BOXES.	4.0	1.4	2.6	-	-	-	-	-
2651	FOLDING PAPERBOARD BOXES.	(D)	(D)	(D)	-	-	-	-	-
2653	CORRUGATED AND SOLID FIBER BOXES.	(D)	(D)	-	-	-	-	-	-
2654	SANITARY FOOD CONTAINERS.	(D)	(D)	(D)	-	-	-	-	-
2655	FIBER CANS, DRUMS, SIMILAR PRODS.	(D)	-	-	-	-	-	-	-
2661	BUILDING PAPER AND BOARD MILLS.	11.2	1.4	9.2	(D)	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS.	2333.7	105.6	1766.1	94.2	325.5	(D)	19.8	(D)
281	INDUSTRIAL INORGANIC CHEMICALS.	571.8	15.3	375.2	53.0	111.4	(D)	10.4	(D)
2812	ALKALIES AND CHLORINE.	238.0	5.6	160.8	(D)	60.4	-	(D)	(D)
2813	INDUSTRIAL GASES.	(D)	(D)	(D)	(D)	-	-	(D)	(D)
2816	INORGANIC PIGMENTS.	(D)	(D)	(D)	(D)	(D)	(D)	-	-
2819	INDUSTRIAL INORGANIC CHEM., NEC.	192.0	8.8	142.4	.4	(D)	(D)	9.5	.2
282	PLASTICS MATERIALS, SYNTHETICS.	361.7	26.7	308.8	19.6	(D)	-	.6	(D)
2821	PLASTICS MATERIALS AND RESINS.	79.9	(D)	51.6	(D)	(D)	-	.3	(D)
2822	SYNTHETIC RUBBER.	(D)	-	(D)	-	-	-	(D)	-
2823	CELLULOSIC MANMADE FIBERS.	(D)	(D)	(D)	(D)	-	-	(D)	-
2824	ORGANIC FIBERS, NONCELLULOSIC.	198.6	.7	197.8	-	-	-	-	-
283	DRUGS.	40.9	11.2	25.6	(D)	-	-	1.1	(D)
2831	BIOLOGICAL PRODUCTS. . . . .	.4	.4	-	-	-	-	-	-
2833	MEDICINALS AND BOTANICALS.	15.2	(D)	(D)	-	-	-	-	(D)
2834	PHARMACEUTICAL PREPARATIONS.	25.3	(D)	(D)	(D)	-	-	1.1	-

See footnotes at end of table.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
							Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
					Discharging to public sewers	Discharging exclusively to public sewers								
28	CHEMICALS AND ALLIED PRODUCTS--CONTINUED													
284	SOAPS, CLEANERS, TOILET GOODS...	90.4	40.9	38.0	100	52	4.4	1.7	0.6	(D)	-	-	(D)	-
2841	SOAP AND OTHER DETERGENTS...	58.4	22.1	21.1	34	16	3.2	1.3	(D)	(D)	-	-	-	-
2842	POLISHES AND SANITATION GOODS...	2.1	1.8	1.5	21	14	.1	-	-	-	-	-	-	-
2843	SURFACE ACTIVE AGENTS...	18.6	9.9	9.6	20	13	1.1	.3	(D)	-	-	-	(D)	-
2844	TOILET PREPARATIONS...	11.8	7.1	5.9	20	9	.1	-	-	-	-	-	-	-
2851	PAINTS AND ALLIED PRODUCTS...	10.4	5.5	5.3	34	22	.9	(D)	(D)	-	-	-	-	-
286	INDUSTRIAL ORGANIC CHEMICALS...	5101.1	2219.8	2103.0	143	63	1106.0	29.5	377.0	(D)	(D)	2.2	5.5	34.7
2861	GUM AND WOOD CHEMICALS...	65.0	17.9	14.0	7	3	4.0	(D)	2.9	(D)	(D)	(D)	-	-
2865	CYCLIC CRUDES AND INTERMEDIATES...	485.8	91.2	82.0	39	23	54.8	(D)	30.0	(D)	8.0	(D)	.2	.2
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC.	4550.3	2110.7	2006.2	97	37	1047.2	24.1	335.2	(D)	(D)	-	5.7	34.5
287	AGRICULTURAL CHEMICALS...	1481.7	298.3	251.4	26	6	62.8	.5	51.3	(D)	9.7	-	.2	(D)
2873	NITROGENOUS FERTILIZERS...	(D)	115.7	95.4	5	3	18.8	.4	16.1	(D)	(D)	-	.4	-
2874	PHOSPHATIC FERTILIZERS...	546.6	129.4	110.2	11	2	18.9	(D)	(D)	(D)	(D)	-	.1	(D)
2875	FERTILIZERS, MIXING ONLY...	(D)	(D)	(D)	2	1	(D)	-	(D)	-	-	-	-	-
2879	AGRICULTURAL CHEMICALS, NEC.	(D)	(D)	(D)	8	-	(D)	-	(D)	-	-	-	-	-
289	MISCELLANEOUS CHEMICAL PRODUCTS...	313.6	175.1	158.1	84	31	22.3	3.3	13.7	4.3	.5	-	(D)	(D)
2891	ADHESIVES AND SEALANTS...	20.3	6.5	6.1	25	9	.4	.3	.1	-	-	-	-	-
2892	EXPLOSIVES...	107.3	98.9	97.6	2	-	11.4	(D)	10.5	(D)	-	-	(D)	(D)
2893	PRINTING INK...	(D)	.1	.1	4	1	-	-	-	-	-	-	-	-
2895	CARBON BLACK...	(D)	13.7	10.6	5	3	.7	-	.2	-	(D)	-	(D)	-
2899	CHEMICAL PREPARATIONS, NEC...	170.8	55.8	43.7	48	18	9.8	(D)	3.0	(D)	(D)	-	.1	-
9	PETROLEUM AND COAL PRODUCTS...	8158.1	1282.5	1158.9	115	34	694.3	6.7	298.5	(D)	(D)	(D)	7.9	7.2
2911	PETROLEUM REFINING...	8145.5	1278.0	1155.3	79	19	692.8	6.5	298.6	(D)	(D)	(D)	7.7	7.2
295	PAVING AND ROOFING MATERIALS...	11.8	3.9	3.2	27	9	1.3	(D)	(D)	-	(D)	-	.2	-
2951	PAVING MIXTURES AND BLOCKS...	1.4	1.1	1.0	4	1	.5	-	.3	-	-	-	.2	-
2952	ASPHALT FELTS AND COATINGS...	10.5	2.9	2.2	23	8	.8	(D)	(D)	-	(D)	-	-	-
299	MISC. PETROLEUM, COAL PRODUCTS...	.8	.6	.4	9	6	.2	(D)	(D)	-	-	-	-	-
2992	LUBRICATING OILS AND GREASES...	(D)	.4	.4	6	6	(D)	(D)	(D)	-	-	-	-	-
2999	PETROLEUM AND COAL PRODUCTS, NEC.	(D)	.2	-	1	-	(D)	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD...	443.2	153.5	142.6	350	136	26.7	2.9	23.0	(D)	.2	(D)	.2	-
3011	TIRES AND INNER TUBES...	123.2	36.3	33.0	56	11	5.0	.5	4.4	-	-	-	.1	-
3021	RUBBER AND PLASTICS FOOTWEAR...	(D)	(D)	(D)	8	3	-	-	-	-	-	-	-	-
3031	RECLAIMED RUBBER...	(D)	(D)	(D)	1	-	(D)	-	(D)	-	-	-	-	-
3041	RUBBER, PLASTICS HOSE AND BELTING...	(D)	4.8	4.3	12	4	-	-	-	(D)	-	-	-	-
3069	FABRICATED RUBBER PRODUCTS, NEC.	(D)	31.3	28.9	84	30	3.8	.5	(D)	-	(D)	(D)	-	-
3079	MISCELLANEOUS PLASTICS PRODUCTS...	244.8	78.5	73.9	189	88	17.6	1.9	15.4	(D)	(D)	-	.1	-
31	LEATHER AND LEATHER PRODUCTS...	10.3	8.3	7.9	50	41	3.0	1.7	1.3	-	-	-	-	-
3111	LEATHER TANNING AND FINISHING...	(D)	7.6	7.3	41	32	3.0	1.7	1.3	-	-	-	-	-
314	FOOTWEAR, EXCEPT RUBBER...	(D)	(D)	(D)	7	7	-	-	-	-	-	-	-	-
3143	MEN'S FOOTWEAR, EXCEPT ATHLETIC...	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
3144	WOMEN'S FOOTWEAR, EXCEPT ATHLETIC...	(D)	(D)	(D)	6	6	-	-	-	-	-	-	-	-
3161	LUGGAGE...	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS...	474.9	219.4	191.9	373	130	34.1	3.1	25.7	1.2	(D)	(D)	1.6	1.3
3211	FLAT GLASS...	71.6	32.1	31.9	16	3	3.3	-	3.3	-	-	-	-	-
322	GLASS, PRESSED OR BLOWN...	122.9	23.7	21.2	110	36	8.8	1.6	6.6	.1	(D)	-	.2	(D)
3221	GLASS CONTAINERS...	40.2	12.6	11.3	72	27	4.2	.3	3.4	.1	(D)	-	.2	(D)
3229	PRESSED AND BLOWN GLASS, NEC...	82.8	11.1	9.9	38	9	4.5	1.3	3.2	-	-	-	-	-
3231	PRODUCTS OF PURCHASED GLASS...	9.9	6.1	6.0	21	10	(D)	(D)	(D)	-	-	-	-	(D)
3241	CEMENT, HYDRAULIC...	119.7	73.3	60.4	45	9	6.1	.4	4.6	(D)	(D)	-	.1	(D)
325	STRUCTURAL CLAY PRODUCTS...	(D)	.7	.5	6	3	(D)	-	(D)	-	-	-	-	-
3251	BRICK AND STRUCTURAL CLAY TILE...	(D)	(D)	-	1	1	-	-	-	-	-	-	-	-
3253	CERAMIC WALL AND FLOOR TILE...	(D)	(D)	(D)	2	1	(D)	-	-	-	-	-	-	-
3255	CLAY REFRACTORIES...	(D)	.6	(D)	2	1	(D)	-	(D)	-	-	-	-	-
3259	STRUCTURAL CLAY PRODUCTS, NEC...	(D)	(D)	-	1	1	-	-	-	-	-	-	-	-
326	POTTERY AND RELATED PRODUCTS...	7.5	3.1	2.7	27	4	1.3	(D)	.9	(D)	(D)	-	-	-
3261	VITREOUS PLUMBING FIXTURES...	5.5	1.4	1.2	12	2	.6	-	.5	-	-	-	-	-
3262	VITREOUS CHINA FOOD UTENSILS...	.4	.3	.3	4	-	(D)	-	.1	-	-	-	-	-
3263	FINE EARTHENWARE FOOD UTENSILS...	(D)	.1	.1	3	1	(D)	-	-	-	-	-	-	-
3264	PORCELAIN ELECTRICAL SUPPLIES...	(D)	1.2	1.0	8	1	.6	(D)	.2	(D)	(D)	-	-	-
327	CONCRETE, GYPSUM, PLASTER PRODS...	42.6	27.2	20.4	59	24	3.6	-	1.7	.7	.2	-	.3	.7
3271	CONCRETE BLOCK AND BRICK...	.4	.4	.4	2	2	(D)	-	-	(D)	-	-	-	-
3272	CONCRETE PRODUCTS, NEC...	(D)	.7	.6	3	-	(D)	-	(D)	-	(D)	-	(D)	-
3273	READY-MIXED CONCRETE...	22.3	14.4	12.9	23	7	1.1	-	.4	.5	-	-	(D)	(D)
3274	LIME...	11.2	6.0	3.7	4	1	1.8	-	(D)	-	-	-	-	(D)
3275	GYPSUM PRODUCTS...	(D)	5.6	2.8	27	14	.3	-	-	(D)	(D)	-	.1	-
3281	CUT STONE AND STONE PRODUCTS...	(D)	1.8	1.8	3	-	(D)	-	(D)	-	-	-	-	-
329	MISC. NONMETALLIC MINERAL PRODS...	97.7	51.4	46.9	86	41	9.5	.8	7.7	.1	(D)	(D)	.9	-
3291	ABRASIVE PRODUCTS...	7.5	5.3	5.0	14	8	1.0	.1	.9	-	-	-	-	-
3292	ASBESTOS PRODUCTS...	16.9	6.4	5.9	27	13	3.1	.2	2.5	-	(D)	-	(D)	-
3293	GASKETS, PACKING, SEALING DEVICES...	2.3	1.9	1.8	6	4	.9	-	.9	-	-	-	-	-
3295	MINERALS, GROUND OR TREATED...	33.1	23.8	22.8	6	1	3.8	.1	(D)	-	-	-	(D)	-
3296	MINERAL WOOL...	25.5	5.4	3.4	22	9	.4	(D)	(D)	-	-	-	-	-
3297	NONCLAY REFRACTORIES...	4.7	1.6	1.5	8	4	(D)	-	-	-	-	-	-	-
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	7.7	7.0	6.5	3	2	(D)	(D)	-	-	-	(D)	-	-

See footnotes at end of table.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Water untreated, by point of discharge						
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)
28	CHEMICALS AND ALLIED PRODUCTS--CONTINUED							
284	SOAPS, CLEANERS, TOILET GOODS. . .	33.6	12.9	13.6	0.1	6.9	-	-
2841	SOAP AND OTHER DETERGENTS. . . .	17.9	6.0	6.1	.1	5.6	-	-
2842	POLISHES AND SANITATION GOODS. . .	1.4	.8	.6	-	-	-	-
2843	SURFACE ACTIVE AGENTS.	8.5	.6	6.7	-	1.3	-	-
2844	TOILET PREPARATIONS.	5.8	5.5	.3	-	-	-	-
2851	PAINTS AND ALLIED PRODUCTS. . . .	4.3	2.2	1.8	-	(D)	-	(D)
286	INDUSTRIAL ORGANIC CHEMICALS. . .	997.1	27.3	812.6	5.9	134.9	(D)	(D)
2861	GUM AND WOOD CHEMICALS.	10.9	-	2.0	-	-	(D)	-
2865	CYCLIC CRUDES AND INTERMEDIATES. .	27.2	5.5	19.6	(D)	.4	0.3	0.8
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC.	959.0	21.8	790.9	(D)	134.5	.1	(D)
287	AGRICULTURAL CHEMICALS.	188.6	5.5	122.5	(D)	57.0	-	2.7
2873	NITROGENOUS FERTILIZERS.	76.6	(D)	70.8	-	(D)	-	(D)
2874	PHOSPHATIC FERTILIZERS.	91.3	.3	(D)	-	(D)	-	(D)
2875	FERTILIZERS, MIXING ONLY.	(D)	(D)	-	-	-	-	-
2879	AGRICULTURAL CHEMICALS, NEC. . . .	(D)	(D)	(D)	(D)	(D)	-	(D)
289	MISCELLANEOUS CHEMICAL PRODUCTS. .	135.7	4.4	106.0	12.9	10.0	-	1.8
2891	ADHESIVES AND SEALANTS.	5.6	1.1	3.4	-	(D)	-	.1
2892	EXPLOSIVES.	86.2	-	86.1	-	-	-	.1
2893	PRINTING INK. . . . .	.1	.1	-	-	-	-	-
2895	CARBON BLACK.	9.9	.3	.5	-	8.7	-	.4
2899	CHEMICAL PREPARATIONS, NEC.	33.9	3.0	15.9	12.8	(D)	-	1.3
29	PETROLEUM AND COAL PRODUCTS. . .	464.6	5.2	302.2	(D)	85.8	(D)	(D)
2911	PETROLEUM REFINING.	462.5	4.5	301.0	(D)	85.8	(D)	(D)
295	PAVING AND ROOFING MATERIALS. . .	1.9	.6	1.1	-	-	-	.1
2951	PAVING MIXTURES AND BLOCKS. . . .	.5	.1	.3	-	-	-	.1
2952	ASPHALT FELTS AND COATINGS. . . .	1.4	.5	.9	-	-	-	-
299	MISC. PETROLEUM, COAL PRODUCTS. .	.2	(D)	(D)	-	-	-	-
2992	LUBRICATING OILS AND GREASES. . .	(D)	(D)	(D)	-	-	-	-
2999	PETROLEUM AND COAL PRODUCTS, NEC.	(D)	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . .	115.8	14.8	88.9	(D)	(D)	(D)	2.6
3011	TIRES AND INNER TUBES.	28.0	(D)	21.8	(D)	(D)	(D)	.4
3021	RUBBER AND PLASTICS FOOTWEAR. . .	(D)	(D)	(D)	(D)	-	-	-
3031	RECLAIMED RUBBER.	-	-	-	-	-	-	-
3041	RUBBER, PLASTICS HOSE AND BELTING.	(D)	(D)	(D)	-	-	-	-
3069	FABRICATED RUBBER PRODUCTS, NEC. .	25.1	4.2	17.2	3.2	-	-	.3
3079	MISCELLANEOUS PLASTICS PRODUCTS. .	56.2	7.4	45.8	1.0	.1	-	1.8
31	LEATHER AND LEATHER PRODUCTS. .	4.8	2.8	2.0	-	-	-	-
3111	LEATHER TANNING AND FINISHING. . .	4.3	2.3	2.0	-	-	-	-
314	FOOTWEAR, EXCEPT RUBBER. . . .	(D)	(D)	-	-	-	-	-
3143	MEN'S FOOTWEAR, EXCEPT ATHLETIC. .	-	-	-	-	-	-	-
3144	WOMEN'S FOOTWEAR, EXCEPT ATHLETIC.	(D)	(D)	-	-	-	-	-
3161	LUGGAGE.	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	157.8	15.5	70.9	36.3	15.7	12.4	6.1
3211	FLAT GLASS.	28.6	.7	27.8	-	-	-	-
322	GLASS, PRESSED OR BLOWN.	12.5	4.4	7.9	-	-	-	.2
3221	GLASS CONTAINERS.	7.1	3.1	3.9	-	-	-	.2
3229	PRESSED AND BLOWN GLASS, NEC. . . .	5.4	1.3	4.0	-	-	-	.1
3231	PRODUCTS OF PURCHASED GLASS. . . .	(D)	(D)	(D)	-	-	-	(D)
3241	CEMENT, HYDRAULIC.	54.3	(D)	21.2	27.2	3.3	.1	1.0
325	STRUCTURAL CLAY PRODUCTS.	(D)	(D)	(D)	-	-	-	-
3251	BRICK AND STRUCTURAL CLAY TILE. . .	-	-	-	-	-	-	-
3253	CERAMIC WALL AND FLOOR TILE. . . .	-	-	-	-	-	-	-
3255	CLAY REFRACTORIES.	(D)	-	(D)	-	-	-	-
3259	STRUCTURAL CLAY PRODUCTS, NEC. . .	-	-	-	-	-	-	-
326	POTTERY AND RELATED PRODUCTS. . .	1.4	.9	.3	-	-	-	.1
3261	VITREOUS PLUMBING FIXTURES. . . .	.7	.6	.1	-	-	-	.1
3262	VITREOUS CHINA FOOD UTENSILS. . . .	(D)	(D)	(D)	-	-	-	-
3263	FINE EARTHENWARE FOOD UTENSILS. . .	(D)	-	(D)	-	-	-	-
3264	PORCELAIN ELECTRICAL SUPPLIES. . . .	.4	(D)	(D)	-	-	-	-
327	CONCRETE, GYPSUM, PLASTER PRODS. .	16.8	.7	2.7	7.6	1.2	-	4.1
3271	CONCRETE BLOCK AND BRICK.	(D)	(D)	-	-	-	-	-
3272	CONCRETE PRODUCTS, NEC.	(D)	-	(D)	-	-	-	(D)
3273	READY-MIXED CONCRETE.	11.8	.3	(D)	(D)	-	-	3.5
3274	LIME.	1.9	-	.9	(D)	-	-	(D)
3275	GYPSUM PRODUCTS.	2.5	(D)	(D)	-	1.2	-	.2
3281	CUT STONE AND STONE PRODUCTS. . . .	(D)	-	(D)	(D)	-	-	(D)
329	MISC. NONMETALLIC MINERAL PRODS. .	37.4	6.4	6.5	(D)	11.1	12.3	.5
3291	ABRASIVE PRODUCTS.	4.0	1.7	2.3	-	-	-	-
3292	ASBESTOS PRODUCTS.	2.8	(D)	1.7	-	-	-	(D)
3293	GASKETS, PACKING, SEALING DEVICES. .	.9	.3	(D)	-	-	-	(D)
3295	MINERALS, GROUND OR TREATED. . . .	19.1	.2	(D)	(D)	(D)	(D)	.1
3296	MINERAL WOOL.	3.1	1.3	1.6	-	-	-	.1
3297	NONCLAY REFRACTORIES.	(D)	(D)	-	(D)	-	-	(D)
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	(D)	(D)	-	-	(D)	(D)	-

See footnotes at end of table.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
33	PRIMARY METAL INDUSTRIES . . .	8841.7	4941.2	4756.7	676	248	2055.2	44.6	1414.5	296.2	296.2	-	3.3	0.4
331	BLAST FURNACE, BASIC STEEL PROD.	6972.4	4249.6	4094.9	229	56	1710.0	(D)	1345.0	289.1	(D)	-	2.6	(D)
3312	BLAST FURNACES AND STEEL MILLS . .	6697.2	4012.8	3860.7	156	30	1683.1	35.2	1324.8	(D)	(D)	-	2.1	(D)
3313	ELECTROMETALLURGICAL PRODUCTS . .	230.9	(D)	(D)	4	1	(D)	-	(D)	(D)	(D)	-	-	-
3315	STEEL WIRE AND RELATED PRODUCTS . .	16.2	(D)	(D)	29	11	(D)	(D)	(D)	-	-	-	(D)	-
3316	COLD FINISHING OF STEEL SHAPES . .	18.4	14.2	14.0	22	8	(D)	(D)	(D)	-	-	-	-	-
3317	STEEL PIPE AND TUBES	9.6	(D)	(D)	18	6	(D)	(D)	(D)	-	-	-	(D)	-
332	IRON AND STEEL FOUNDRIES	245.3	57.9	53.0	149	59	23.7	(D)	21.2	1.5	-	-	(D)	-
3321	GRAY IRON FOUNDRIES	219.1	47.2	42.7	92	34	21.7	.7	19.5	(D)	-	-	(D)	-
3322	MALLEABLE IRON FOUNDRIES	(D)	(D)	(D)	14	6	(D)	-	-	-	-	-	-	-
3324	STEEL INVESTMENT FOUNDRIES	(D)	(D)	(D)	2	-	(D)	-	-	(D)	-	-	-	-
3325	STEEL FOUNDRIES, NEC	15.4	7.0	6.8	41	19	1.2	(D)	(D)	-	-	-	-	-
333	PRIMARY NONFERROUS METALS	1309.1	532.9	513.7	29	7	293.2	(D)	(D)	.2	(D)	-	(D)	(D)
3331	PRIMARY COPPER	154.4	50.2	38.1	14	1	1.5	(D)	.5	(D)	.9	-	-	-
3332	PRIMARY LEAD	21.2	7.4	4.8	4	2	.8	-	.8	-	-	-	-	-
3333	PRIMARY ZINC	(D)	(D)	(D)	-	-	(D)	-	(D)	-	(D)	-	-	-
3334	PRIMARY ALUMINUM	721.9	175.6	172.8	6	2	(D)	(D)	21.4	(D)	1.1	-	(D)	-
3339	PRIMARY NONFERROUS METALS, NEC . .	(D)	(D)	(D)	5	2	(D)	-	(D)	-	(D)	-	-	(D)
3341	SECONDARY NONFERROUS METALS	8.7	3.1	2.8	10	7	.9	-	.6	-	.2	-	-	-
335	NONFERROUS ROLLING AND DRAWING . .	276.3	85.3	80.7	162	72	23.5	2.7	15.1	5.3	-	-	.3	-
3351	COPPER ROLLING AND DRAWING	65.9	30.5	30.0	41	13	9.9	(D)	7.6	(D)	-	-	-	-
3353	ALUMINUM SHEET, PLATE, AND FOIL . .	116.2	24.8	23.3	13	7	7.6	.1	(D)	(D)	-	-	-	-
3354	ALUMINUM EXTRUDED PRODUCTS	15.2	6.1	5.7	26	14	1.9	(D)	1.1	(D)	-	-	.2	-
3355	ALUMINUM ROLLING AND DRAWING, NEC.	4.2	2.9	2.9	3	1	(D)	-	(D)	-	-	-	-	-
3356	NONFERROUS ROLLING & DRAWING, NEC.	26.1	7.6	6.3	14	9	(D)	(D)	(D)	(D)	-	-	-	-
3357	NONFERROUS WIREDRAWING, INSULATING.	48.6	13.2	12.5	65	28	1.0	.5	.4	-	-	-	-	-
336	NONFERROUS FOUNDRIES	19.4	7.3	6.9	50	23	2.0	.2	1.7	-	-	-	.1	-
3361	ALUMINUM FOUNDRIES	16.6	5.3	5.0	35	16	1.7	(D)	(D)	-	-	-	-	-
3362	BRASS, BRONZE, COPPER FOUNDRIES . .	.6	.5	.5	5	2	(D)	-	-	-	-	-	-	-
3369	NONFERROUS FOUNDRIES, NEC	2.1	1.5	1.4	10	5	(D)	(D)	(D)	-	-	-	-	-
339	MISC. PRIMARY METAL PRODUCTS . . .	10.5	5.2	4.7	47	24	1.9	(D)	(D)	-	-	-	-	-
3398	METAL HEAT TREATING	3.9	3.2	2.8	31	19	1.1	(D)	(D)	-	-	-	-	-
3399	PRIMARY METAL PRODUCTS, NEC	6.6	2.0	1.9	16	5	.8	-	.7	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	268.0	107.3	100.8	712	478	27.1	11.7	12.9	(D)	-	-	1.4	(D)
341	METAL CANS, SHIPPING CONTAINERS . .	6.9	4.9	4.8	63	48	(D)	(D)	-	-	-	-	-	-
3411	METAL CANS	(D)	4.1	4.0	50	38	(D)	(D)	-	-	-	-	-	-
3412	METAL BARRELS, DRUMS, AND PAILS . .	(D)	.8	.8	13	10	(D)	-	-	-	-	-	-	-
342	CUTLERY, HANDTOOLS AND HARDWARE . .	31.8	15.3	14.4	84	55	2.4	1.5	.8	-	-	-	-	-
3421	CUTLERY	(D)	4.8	(D)	8	4	-	-	-	-	-	-	-	-
3423	HAND AND EDGE TOOLS, NEC	3.4	1.5	1.5	18	12	(D)	(D)	(D)	-	-	-	-	-
3425	HANDSAWS AND SAW BLADES	(D)	.6	.6	4	2	-	-	-	-	-	-	-	-
3429	HARDWARE, NEC	22.7	8.4	(D)	54	37	(D)	(D)	(D)	-	-	-	-	-
343	PLUMBING, HEATING, EXCEPT ELEC . .	10.4	4.0	3.7	35	24	(D)	(D)	(D)	-	-	-	-	-
3431	METAL SANITARY WARE	4.2	1.4	1.3	11	9	(D)	(D)	(D)	-	-	-	-	-
3432	PLUMBING FITTINGS AND BRASS GOODS . .	1.6	.7	.7	14	10	.1	(D)	(D)	-	-	-	-	-
3433	HEATING EQUIPMENT, EXC. ELECTRIC . .	4.6	1.8	1.7	10	5	(D)	(D)	-	-	-	-	-	-
344	FABRICATED STRUCT. METAL PRODS. . .	17.2	8.1	7.8	71	36	1.6	.5	.9	-	-	-	.2	-
3441	FABRICATED STRUCTURAL METAL	(D)	1.0	.9	7	4	.1	-	-	-	-	-	-	-
3442	METAL DOORS, SASH, AND TRIM	3.0	2.3	2.2	18	8	.7	(D)	.6	-	-	-	(D)	-
3443	FABRICATED PLATEWORK, BOILER SHOP . .	4.4	2.8	2.7	23	10	.3	.1	.2	-	-	-	-	-
3444	SHEET METALWORK	2.3	1.2	1.2	12	7	(D)	.1	-	-	-	-	(D)	-
3446	ARCHITECTURAL METALWORK	(D)	(D)	(D)	3	1	-	-	-	-	-	-	-	-
3448	PREFABRICATED METAL BUILDINGS . . .	(D)	(D)	(D)	3	1	(D)	-	-	-	-	-	-	-
3449	MISCELLANEOUS METALWORK	(D)	.4	.4	6	5	(D)	(D)	-	-	-	-	-	-
345	SCREW MACHINE PROD., BOLTS, ETC. . .	9.6	5.9	5.7	55	36	(D)	(D)	(D)	-	-	-	-	-
3451	SCREW MACHINE PRODUCTS	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
3452	BOLTS, NUTS, RIVETS, AND WASHERS . .	(D)	(D)	(D)	54	35	(D)	(D)	(D)	-	-	-	-	-
346	METAL FORGINGS AND STAMPINGS . . .	112.2	23.8	22.0	126	87	3.2	1.2	1.5	(D)	-	-	(D)	-
3462	IRON AND STEEL FORGINGS	13.5	6.2	5.6	36	26	.4	.4	-	-	-	-	-	-
3463	NONFERROUS FORGINGS	(D)	1.9	1.6	6	6	.4	(D)	-	(D)	-	-	-	-
3465	AUTOMOTIVE STAMPINGS	90.4	11.3	11.0	42	30	1.3	.3	1.0	-	-	-	-	-
3466	CROWNS AND CLOSURES	(D)	.2	.2	3	2	-	-	-	-	-	-	-	-
3469	METAL STAMPINGS, NEC	5.5	4.1	3.6	39	23	1.0	(D)	.4	-	-	-	(D)	-
347	METAL SERVICES, NEC	15.0	12.7	12.4	145	127	5.3	3.8	1.3	(D)	-	-	(D)	-
3471	PLATING AND POLISHING	13.0	11.6	11.4	129	112	4.9	(D)	(D)	(D)	-	-	(D)	-
3479	METAL COATING AND ALLIED SERVICES . .	2.0	1.1	1.1	16	15	.3	(D)	(D)	-	-	-	-	-
348	ORDNANCE AND ACCESSORIES, NEC . . .	35.8	13.7	12.2	38	14	4.2	(D)	2.4	-	-	-	.9	(D)
3482	SMALL ARMS AMMUNITION	(D)	2.7	2.7	6	2	1.1	(D)	.9	-	-	-	(D)	-
3483	AMMUNITION, EXC. SMALL ARMS, NEC . .	16.8	6.4	5.6	20	6	2.2	(D)	.8	-	-	-	(D)	-
3484	SMALL ARMS	(D)	1.7	1.6	7	3	(D)	-	(D)	-	-	-	-	-
3489	ORDNANCE AND ACCESSORIES NEC	(D)	2.9	2.3	5	3	(D)	-	(D)	-	-	-	-	(D)
349	MISC. FABRICATED METAL PRODUCTS . .	29.0	19.0	17.8	95	51	6.7	(D)	(D)	.3	-	-	.1	-
3493	STEEL SPRINGS, EXCEPT WIRE	(D)	1.0	1.0	5	2	(D)	-	-	-	-	-	-	-
3494	VALVES AND PIPE FITTINGS	14.5	8.4	8.2	46	29	(D)	.8	-	(D)	-	-	-	-
3495	WIRE SPRINGS	(D)	.3	.3	3	2	(D)	-	-	-	-	-	-	-
3496	MISC. FABRICATED WIRE PRODUCTS . . .	7.0	6.6	5.7	13	7	(D)	-	(D)	-	-	-	-	-
3497	METAL FOIL AND LEAF	(D)	.9	.9	5	3	.2	(D)	(D)	(D)	-	-	-	-
3498	FABRICATED PIPE AND FITTINGS	(D)	.2	.2	4	2	(D)	-	-	-	-	-	-	-
3499	FABRICATED METAL PRODUCTS, NEC . . .	3.9	1.7	1.5	19	6	.4	.1	.2	-	-	-	.1	-

See footnotes at end of table.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
33	PRIMARY METAL INDUSTRIES . . .	2701.5	71.8	2032.9	419.8	91.6	-	72.8	12.3
331	BLAST FURNACE, BASIC STEEL PROD. . .	2384.5	(D)	1809.4	403.5	(D)	-	67.0	2.0
3312	BLAST FURNACES AND STEEL MILLS . .	2177.6	30.3	1618.7	(D)	(D)	-	(D)	1.9
3313	ELECTROMETALLURGICAL PRODUCTS . .	(D)	(D)	(D)	(D)	(D)	-	(D)	-
3315	STEEL WIRE AND RELATED PRODUCTS . .	(D)	(D)	(D)	(D)	(D)	-	-	-
3316	COLD FINISHING OF STEEL SHAPES . .	(D)	(D)	(D)	(D)	(D)	-	-	-
3317	STEEL PIPE AND TUBES	(D)	(D)	(D)	(D)	(D)	-	-	-
332	IRON AND STEEL FOUNDRIES	29.3	11.1	12.3	5.4	-	-	.4	-
3321	GRAY IRON FOUNDRIES	21.0	5.7	9.7	5.3	-	-	.3	-
3322	MALLEABLE IRON FOUNDRIES	(D)	(D)	(D)	(D)	(D)	-	-	-
3324	STEEL INVESTMENT FOUNDRIES	(D)	-	-	-	-	-	-	-
3325	STEEL FOUNDRIES, NEC	5.6	(D)	(D)	-	-	-	.1	-
333	PRIMARY NONFERROUS METALS	220.5	(D)	169.0	(D)	(D)	-	3.5	10.1
3331	PRIMARY COPPER	36.6	.2	3.2	(D)	21.5	-	(D)	(D)
3332	PRIMARY LEAD	4.0	.2	1.4	(D)	-	-	-	(D)
3333	PRIMARY ZINC	(D)	-	(D)	-	-	-	(D)	-
3334	PRIMARY ALUMINUM	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
3339	PRIMARY NONFERROUS METALS, NEC . .	(D)	(D)	(D)	-	-	-	(D)	(D)
3341	SECONDARY NONFERROUS METALS	1.9	1.7	-	(D)	(D)	-	-	-
335	NONFERROUS ROLLING AND DRAWING . .	57.2	12.8	38.9	3.5	(D)	-	(D)	(D)
3351	COPPER ROLLING AND DRAWING	20.1	(D)	14.4	1.4	-	-	.5	(D)
3353	ALUMINUM SHEET, PLATE, AND FOIL . .	15.6	.7	14.9	-	-	-	-	-
3354	ALUMINUM EXTRUDED PRODUCTS	3.8	2.3	1.3	.2	-	-	-	-
3355	ALUMINUM ROLLING AND DRAWING, NEC .	(D)	-	(D)	-	-	-	-	-
3356	NONFERROUS ROLLING & DRAWING, NEC .	(D)	(D)	(D)	(D)	(D)	-	(D)	-
3357	NONFERROUS WIREDRAWING, INSULATING .	11.6	4.0	5.8	(D)	(D)	-	.5	-
336	NONFERROUS FOUNDRIES	4.9	1.9	2.5	-	-	-	(D)	(D)
3361	ALUMINUM FOUNDRIES	3.3	1.2	1.8	-	-	-	(D)	(D)
3362	BRASS, BRONZE, COPPER FOUNDRIES . .	(D)	(D)	(D)	-	-	-	-	-
3369	NONFERROUS FOUNDRIES, NEC	(D)	(D)	(D)	-	-	-	-	-
339	MISC. PRIMARY METAL PRODUCTS . . .	2.8	1.7	.6	.2	-	-	.3	-
3398	METAL HEAT TREATING	1.7	1.2	.3	.2	-	-	-	-
3399	PRIMARY METAL PRODUCTS, NEC	1.1	.5	.3	-	-	-	.3	-
34	FABRICATED METAL PRODUCTS	73.7	50.3	20.3	1.4	-	-	1.2	.3
341	METAL CANS, SHIPPING CONTAINERS . .	(D)	(D)	(D)	-	-	-	(D)	(D)
3411	METAL CANS	(D)	(D)	(D)	-	-	-	(D)	(D)
3412	METAL BARRELS, DRUMS, AND PAILS . .	(D)	(D)	(D)	-	-	-	-	-
342	CUTLERY, HANDTOOLS AND HARDWARE . .	12.0	6.6	5.4	-	-	-	-	-
3421	CUTLERY	(D)	(D)	(D)	-	-	-	-	-
3423	HAND AND EDGE TOOLS, NEC	(D)	1.0	.2	-	-	-	-	-
3425	HANDSAWS AND SAW BLADES . . . . .	.6	.3	.3	-	-	-	-	-
3429	HARDWARE, NEC	(D)	(D)	(D)	-	-	-	-	-
343	PLUMBING, HEATING, EXCEPT ELEC . .	(D)	(D)	(D)	(D)	-	-	-	-
3431	METAL SANITARY WARE	(D)	(D)	(D)	-	-	-	-	-
3432	PLUMBING FITTINGS AND BRASS GOODS . .	.6	.5	.1	-	-	-	-	-
3433	HEATING EQUIPMENT, EXC. ELECTRIC . .	(D)	(D)	(D)	(D)	-	-	-	-
344	FABRICATED STRUC. METAL PRODS. . .	6.2	4.0	1.9	.1	-	-	.3	-
3441	FABRICATED STRUCTURAL METAL . . . .	.8	(D)	(D)	-	-	-	-	-
3442	METAL DOORS, SASH, AND TRIM	1.5	.9	(D)	-	-	-	(D)	-
3443	FABRICATED PLATEWORK, BOILER SHOP . .	2.4	1.7	(D)	-	-	-	(D)	-
3444	SHEET METALWORK	(D)	(D)	(D)	-	-	-	-	-
3446	ARCHITECTURAL METALWORK	(D)	(D)	-	-	-	-	-	-
3448	PREFABRICATED METAL BUILDINGS . . .	(D)	(D)	(D)	-	-	-	-	-
3449	MISCELLANEOUS METALWORK	(D)	(D)	-	-	-	-	-	-
345	SCREW MACHINE PROD., BOLTS, ETC. . .	(D)	(D)	(D)	-	-	-	(D)	-
3451	SCREW MACHINE PRODUCTS	(D)	-	-	-	-	-	-	-
3452	BOLTS, NUTS, RIVETS, AND WASHERS . .	(D)	(D)	(D)	-	-	-	(D)	-
346	METAL FORGINGS AND STAMPINGS . . .	18.8	13.1	4.9	.5	-	-	(D)	(D)
3462	IRON AND STEEL FORGINGS	5.2	4.3	.5	(D)	-	-	-	-
3463	NONFERROUS FORGINGS	1.2	1.2	-	-	-	-	-	-
3465	AUTOMOTIVE STAMPINGS	9.7	5.6	4.1	-	-	-	-	-
3466	CROWNS AND CLOSURES . . . . .	.2	.1	-	.1	-	-	-	-
3469	METAL STAMPINGS, NEC	2.5	1.9	.3	(D)	-	-	(D)	-
347	METAL SERVICES, NEC	7.1	6.9	.3	-	-	-	-	-
3471	PLATING AND POLISHING	6.4	6.1	.3	-	-	-	-	-
3479	METAL COATING AND ALLIED SERVICES . .	.7	.7	-	-	-	-	-	-
348	ORDNANCE AND ACCESSORIES, NEC . . .	8.0	4.3	3.4	.1	-	-	(D)	(D)
3482	SMALL ARMS AMMUNITION	1.6	.9	.7	-	-	-	-	-
3483	AMMUNITION, EXC. SMALL ARMS, NEC . .	3.4	1.7	(D)	.1	-	-	(D)	-
3484	SMALL ARMS	(D)	(D)	-	-	-	-	-	(D)
3489	ORDNANCE AND ACCESSORIES NEC	(D)	(D)	(D)	-	-	-	-	-
349	MISC. FABRICATED METAL PRODUCTS . .	11.1	7.1	3.0	(D)	-	-	(D)	-
3493	STEEL SPRINGS, EXCEPT WIRE	(D)	(D)	(D)	-	-	-	-	-
3494	VALVES AND PIPE FITTINGS	(D)	(D)	(D)	(D)	-	-	(D)	-
3495	WIRE SPRINGS	(D)	(D)	(D)	-	-	-	-	-
3496	MISC. FABRICATED WIRE PRODUCTS . . .	(D)	(D)	(D)	-	-	-	-	-
3497	METAL FOIL AND LEAF . . . . .	.7	.1	.6	-	-	-	-	-
3498	FABRICATED PIPE AND FITTINGS	(D)	(D)	(D)	-	-	-	-	-
3499	FABRICATED METAL PRODUCTS, NEC . . .	1.2	.5	.6	-	-	-	-	-

See footnotes at end of table.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
35	MACHINERY, EXCEPT ELECTRICAL .	438.3	171.2	165.1	523	274	40.7	4.9	26.9	8.4	0.3	-	0.2	-
351	ENGINES AND TURBINES	94.4	60.8	59.9	45	20	13.5	(D)	4.8	(D)	(D)	-	-	-
3511	TURBINES, TURBINE GENERATOR SETS	61.5	48.7	48.6	14	3	10.5	(D)	(D)	(D)	(D)	-	-	-
3519	INTERNAL COMBUSTION ENGINES, NEC	32.9	12.2	11.4	31	17	3.0	(D)	(D)	(D)	(D)	-	-	-
352	FARM AND GARDEN MACHINERY	36.2	22.0	21.6	41	17	(D)	(D)	(D)	-	-	-	-	-
3523	FARM MACHINERY AND EQUIPMENT	(D)	21.4	21.0	34	15	(D)	(D)	(D)	-	-	-	-	-
3524	LAWN AND GARDEN EQUIPMENT	(D)	.6	.6	7	2	-	-	-	-	-	-	-	-
353	CONSTRUCTION, RELATED MACHINERY	82.1	20.4	18.9	80	49	5.8	.3	5.5	-	-	-	-	-
3531	CONSTRUCTION MACHINERY	60.4	16.3	15.4	41	26	(D)	(D)	(D)	-	-	-	-	-
3532	MINING MACHINERY	(D)	1.8	1.7	10	5	-	-	-	-	-	-	-	-
3533	OILFIELD MACHINERY	(D)	1.4	.7	7	7	(D)	-	-	-	-	-	-	-
3534	ELEVATORS AND MOVING STAIRWAYS	(D)	(D)	(D)	3	2	-	-	-	-	-	-	-	-
3535	CONVEYORS AND CONVEYING EQUIPMENT	(D)	(D)	(D)	7	5	(D)	-	-	-	-	-	-	-
3536	HOISTS, CRANES, AND MONORAILS	(D)	.2	.2	3	1	-	-	-	-	-	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS	4.9	.4	.3	5	3	(D)	(D)	(D)	-	-	-	-	-
354	METALWORKING MACHINERY	14.8	6.0	5.8	62	33	(D)	(D)	(D)	(D)	(D)	-	-	-
3541	MACHINE TOOLS, METAL-CUTTING	4.6	1.9	1.7	17	6	.4	.1	.1	(D)	(D)	-	-	-
3542	MACHINE TOOLS, METAL-FORMING	(D)	.2	.2	5	2	(D)	-	-	-	-	-	-	-
3544	SPECIAL DIES, TOOLS, JIGS, ETC . . . . .	.9	.5	.5	4	3	(D)	-	-	(D)	-	-	-	-
3545	MACHINE TOOL ACCESSORIES	3.9	1.4	1.4	16	9	.2	(D)	(D)	-	-	-	-	-
3546	POWER DRIVEN HANDTOOLS	3.2	1.0	.9	12	8	(D)	.1	-	-	-	-	-	-
3547	ROLLING MILL MACHINERY	1.6	.8	.8	4	1	(D)	-	(D)	-	-	-	-	-
3549	METALWORKING MACHINERY, NEC	(D)	.1	.1	4	4	-	-	-	-	-	-	-	-
355	SPECIAL INDUSTRY MACHINERY	18.1	5.1	4.9	41	17	1.1	.3	.6	(D)	-	-	(D)	-
3551	FOOD PRODUCTS MACHINERY	(D)	.4	.4	6	3	.1	-	-	-	-	-	-	-
3552	TEXTILE MACHINERY	2.8	1.5	1.4	9	2	.6	(D)	(D)	(D)	-	-	-	-
3553	WOODWORKING MACHINERY	1.3	.5	.4	5	3	.2	(D)	(D)	-	-	-	-	-
3554	PAPER INDUSTRIES MACHINERY	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
3555	PRINTING TRADES MACHINERY	(D)	(D)	(D)	3	3	-	-	-	-	-	-	-	-
3559	SPECIAL INDUSTRY MACHINERY, NEC	12.4	1.8	1.7	16	5	.3	-	.3	-	-	-	-	-
356	GENERAL INDUSTRIAL MACHINERY	46.2	14.7	12.9	108	50	1.9	1.0	.6	(D)	-	-	(D)	-
3561	PUMPS AND PUMPING EQUIPMENT	4.3	2.8	2.5	25	13	(D)	(D)	.6	(D)	-	-	(D)	-
3562	BALL AND ROLLER BEARINGS	33.9	7.3	5.9	30	12	.8	.4	.2	(D)	-	-	(D)	-
3563	AIR AND GAS COMPRESSORS	1.5	1.0	1.0	11	4	(D)	-	(D)	-	-	-	-	-
3564	BLOWERS AND FANS . . . . .	.3	.3	.3	7	1	-	-	-	-	-	-	-	-
3566	SPEED CHANGERS, DRIVES, AND GEARS	(D)	.9	.9	11	6	(D)	-	(D)	-	-	-	-	-
3567	INDUSTRIAL FURNACES AND OVENS . . . . .	.8	.1	.1	3	2	(D)	-	-	-	-	-	-	-
3568	POWER TRANSMISSION EQUIPMENT, NEC	2.5	1.9	1.9	14	8	.6	(D)	(D)	-	-	-	-	-
3569	GENERAL INDUSTRIAL MACHINERY, NEC	(D)	.4	.4	7	4	(D)	-	-	-	-	-	-	-
357	OFFICE AND COMPUTING MACHINES	53.8	18.7	18.3	46	26	1.1	.7	.2	-	.1	-	-	-
3573	ELECTRONIC COMPUTING EQUIPMENT	41.0	15.3	15.1	29	16	.7	.5	(D)	-	(D)	-	-	-
3574	CALCULATING, ACCOUNTING MACHINES	(D)	2.1	(D)	7	4	(D)	(D)	(D)	-	-	-	-	-
3576	SCALES, BALANCES, ETC. LABORATORY	(D)	(D)	(D)	1	-	(D)	-	-	-	-	-	-	-
3579	OFFICE MACHINES, TYPEWRITERS, ETC.	(D)	(D)	(D)	9	6	(D)	(D)	-	-	-	-	-	-
358	REFRIGERATION AND SERVICE MACH	44.9	20.5	20.0	78	50	7.7	(D)	(D)	.1	-	-	-	-
3581	AUTOMATIC MERCHANDISING MACHINES	(D)	(D)	.2	4	2	(D)	-	-	-	-	-	-	-
3582	COMMERCIAL LAUNDRY EQUIPMENT . . . . .	.2	(D)	.2	3	3	(D)	-	-	-	-	-	-	-
3585	REFRIGERATION, HEATING EQUIPMENT	39.6	18.7	18.2	60	35	7.7	(D)	(D)	.1	-	-	-	-
3586	MEASURING AND DISPENSING PUMPS	(D)	1.1	1.1	5	5	(D)	-	-	-	-	-	-	-
3589	SERVICE INDUSTRY MACHINERY, NEC	(D)	.4	.3	6	5	(D)	-	-	-	-	-	-	-
359	MISC. MACHINERY, EXC. ELEC	47.8	2.9	2.8	22	12	(D)	(D)	(D)	-	-	-	-	-
3592	CARBURETORS, PISTONS, RINGS, ETC.	(D)	2.1	(D)	16	9	(D)	(D)	(D)	-	-	-	-	-
3599	MACHINERY, EXCEPT ELECTRICAL, NEC	(D)	.9	(D)	6	3	(D)	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	1043.0	104.3	97.0	591	334	31.1	16.9	13.3	.4	.1	-	.4	-
361	ELECTRIC DISTRIBUTING EQUIPMNT.	13.6	5.9	5.7	46	23	1.6	(D)	1.0	(D)	-	-	-	-
3612	TRANSFORMERS	7.1	2.6	2.5	15	6	(D)	-	(D)	(D)	-	-	-	-
3613	SWITCHGEAR, SWITCHBOARD APPARATUS	6.4	3.3	3.1	31	17	(D)	(D)	(D)	-	-	-	-	-
362	ELECTRICAL INDUSTRIAL APPARATUS	38.1	15.2	14.7	76	39	3.5	(D)	2.9	-	-	-	(D)	-
3621	MOTORS AND GENERATORS	22.8	6.0	5.8	36	16	(D)	(D)	(D)	-	-	-	-	-
3622	INDUSTRIAL CONTROLS	6.9	3.3	3.3	18	12	.5	.3	(D)	-	-	-	(D)	-
3623	WELDING APPARATUS, ELECTRIC . . . . .	.7	.3	.3	2	2	.1	-	-	-	-	-	-	-
3624	CARBON AND GRAPHITE PRODUCTS	5.3	3.8	3.8	14	5	(D)	-	(D)	-	-	-	-	-
3629	ELEC. INDUSTRIAL APPARATUS, NEC	2.3	1.7	1.6	6	4	(D)	-	-	-	-	-	-	-
363	HOUSEHOLD APPLIANCES	37.6	15.5	14.3	84	44	4.5	2.7	1.7	-	-	-	-	-
3631	HOUSEHOLD COOKING EQUIPMENT	3.3	1.5	1.3	14	9	(D)	.5	(D)	-	-	-	-	-
3632	HOUSEHOLD REFRIGERATORS, FREEZERS	12.2	4.9	4.4	13	5	1.2	.8	.4	-	-	-	-	-
3633	HOUSEHOLD LAUNDRY EQUIPMENT	10.1	3.2	3.1	10	4	1.2	.8	.3	-	-	-	-	-
3634	ELECTRIC HOUSEWARES AND FANS	(D)	2.8	2.6	31	20	.7	.2	.5	-	-	-	-	-
3635	HOUSEHOLD VACUUM CLEANERS	(D)	(D)	(D)	3	-	(D)	-	(D)	-	-	-	-	-
3636	SEWING MACHINES	(D)	(D)	(D)	3	1	(D)	-	-	-	-	-	-	-
3639	HOUSEHOLD APPLIANCES, NEC	3.4	1.9	1.9	10	5	.4	.4	-	-	-	-	-	-
364	ELEC. LIGHTING, WIRING EQUIP	18.7	10.5	9.1	81	53	3.1	1.9	1.1	-	-	-	.1	-
3641	ELECTRIC LAMPS	2.5	1.7	1.7	23	16	.1	-	-	-	-	-	-	-
3643	CURRENT-CARRYING WIRING DEVICES	5.2	3.0	2.8	17	12	1.2	(D)	-	-	-	-	(D)	-
3644	NONCURRENT-CARRYING WIRING DEVICES	3.1	1.8	1.8	18	10	.7	.4	(D)	-	-	-	(D)	-
3645	RESIDENTIAL LIGHTING FIXTURES . . . . .	.6	.5	.5	8	5	(D)	-	(D)	-	-	-	-	-
3646	COMMERCIAL LIGHTING FIXTURES . . . . .	.5	.4	.4	5	3	-	-	-	-	-	-	-	-
3647	VEHICULAR LIGHTING EQUIPMENT	(D)	2.4	1.2	5	4	(D)	(D)	(D)	-	-	-	-	-
3648	LIGHTING EQUIPMENT, NEC	(D)	.8	.8	5	3	.5	.1	.4	-	-	-	-	-
365	RADIO, TV RECEIVING EQUIPMENT	12.9	3.7	3.7	29	16	.7	.3	(D)	(D)	-	-	-	-
3651	RADIO AND TV RECEIVING SETS	(D)	2.9	2.8	20	11	(D)	(D)	-	-	-	-	-	-
3652	PHONO, RECORDS, PRERECORDED TAPE	(D)	.8	.9	9	5	(D)	(D)	(D)	(D)	-	-	-	-
366	COMMUNICATION EQUIPMENT	124.9	17.0	15.2	87	44	3.6	2.3	1.2	-	-	-	.1	-
3661	TELEPHONE AND TELEGRAPH APPARATUS	(D)	7.5	6.3	23	11	1.9	1.2	.7	-	-	-	-	-
3662	RADIO AND TV COMMUNICATION EQUIP	(D)	9.6	8.9	64	33	1.8	1.1	.6	-	-	-	.1	-

See footnotes at end of table.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
35	MACHINERY, EXCEPT ELECTRICAL . . .	124.5	43.6	43.8	2.4	32.6	(D)	1.6	(D)
351	ENGINES AND TURBINES	46.4	7.7	16.3	(D)	(D)	-	.3	-
3511	TURBINES, TURBINE GENERATOR SETS . . .	38.0	1.1	15.3	1.0	(D)	-	(D)	-
3519	INTERNAL COMBUSTION ENGINES, NEC . . .	8.3	6.6	1.0	(D)	-	-	.2	-
352	FARM AND GARDEN MACHINERY	(D)	(D)	(D)	(D)	-	-	-	-
3523	FARM MACHINERY AND EQUIPMENT	(D)	(D)	(D)	(D)	-	-	-	-
3524	LAWN AND GARDEN EQUIPMENT . . . . .	.6	.3	.3	-	-	-	-	-
353	CONSTRUCTION, RELATED MACHINERY . . .	13.1	6.3	6.7	(D)	-	-	(D)	-
3531	CONSTRUCTION MACHINERY	(D)	(D)	(D)	(D)	-	-	-	-
3532	MINING MACHINERY	1.7	1.7	-	-	-	-	-	-
3533	OILFIELD MACHINERY	(D)	(D)	(D)	-	-	-	-	-
3534	ELEVATORS AND MOVING STAIRWAYS	(D)	(D)	-	-	-	-	-	-
3535	CONVEYORS AND CONVEYING EQUIPMENT . . .	(D)	(D)	-	-	-	-	-	-
3536	HOISTS, CRANES, AND MONORAILS . . . . .	.2	(D)	(D)	-	-	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS	(D)	(D)	(D)	-	-	-	-	-
354	METALWORKING MACHINERY	(D)	(D)	(D)	-	-	-	(D)	-
3541	MACHINE TOOLS, METAL-CUTTING	1.3	1.1	.2	-	-	-	-	-
3542	MACHINE TOOLS, METAL-FORMING	(D)	(D)	(D)	-	-	-	-	-
3544	SPECIAL DIES, TOOLS, JIGS, ETC	(D)	(D)	-	-	-	-	-	-
3545	MACHINE TOOL ACCESSORIES	1.3	1.0	(D)	-	-	-	(D)	-
3546	POWER DRIVEN HANDTOOLS	(D)	(D)	(D)	-	-	-	-	-
3547	ROLLING MILL MACHINERY	(D)	(D)	(D)	-	-	-	-	-
3549	METALWORKING MACHINERY, NEC . . . . .	.1	.1	-	-	-	-	-	-
355	SPECIAL INDUSTRY MACHINERY	3.8	2.4	.9	-	-	-	.5	-
3551	FOOD PRODUCTS MACHINERY . . . . .	.3	.2	-	-	-	-	-	-
3552	TEXTILE MACHINERY . . . . .	.8	.6	(D)	-	-	-	(D)	-
3553	WOODWORKING MACHINERY . . . . .	.3	.2	-	-	-	-	-	-
3554	PAPER INDUSTRIES MACHINERY	(D)	(D)	(D)	-	-	-	-	-
3555	PRINTING TRADES MACHINERY	(D)	(D)	-	-	-	-	-	-
3559	SPECIAL INDUSTRY MACHINERY, NEC	1.5	.7	(D)	-	-	-	(D)	-
356	GENERAL INDUSTRIAL MACHINERY	11.0	7.4	3.1	.1	(D)	-	.2	(D)
3561	PUMPS AND PUMPING EQUIPMENT	(D)	(D)	(D)	-	-	-	-	-
3562	BALL AND ROLLER BEARINGS	5.1	4.2	.8	-	-	-	-	-
3563	AIR AND GAS COMPRESSORS	(D)	(D)	(D)	-	(D)	-	-	(D)
3564	BLOWERS AND FANS . . . . .	.3	.1	.1	-	-	-	-	-
3566	SPEED CHANGERS, DRIVES, AND GEARS . . .	(D)	(D)	(D)	-	-	-	-	-
3567	INDUSTRIAL FURNACES AND OVENS . . . . .	.1	.1	-	-	-	-	-	-
3568	POWER TRANSMISSION EQUIPMENT, NEC . . .	1.3	1.2	.1	-	-	-	-	-
3569	GENERAL INDUSTRIAL MACHINERY, NEC . . .	.3	.2	(D)	.1	-	-	-	(D)
357	OFFICE AND COMPUTING MACHINES	17.3	3.0	(D)	(D)	(D)	(D)	.4	-
3573	ELECTRONIC COMPUTING EQUIPMENT	14.4	(D)	(D)	-	(D)	(D)	(D)	-
3574	CALCULATING, ACCOUNTING MACHINES	(D)	(D)	(D)	(D)	-	-	(D)	-
3576	SCALES, BALANCES, EXC. LABORATORY . . .	(D)	(D)	(D)	-	-	-	-	-
3579	OFFICE MACHINES, TYPEWRITERS, ETC . . .	(D)	(D)	(D)	-	(D)	-	-	-
358	REFRIGERATION AND SERVICE MACH	12.3	8.5	(D)	(D)	-	-	.1	-
3581	AUTOMATIC MERCHANDISING MACHINES . . .	(D)	(D)	-	-	-	-	-	-
3582	COMMERCIAL LAUNDRY EQUIPMENT	(D)	(D)	-	-	-	-	-	-
3585	REFRIGERATION, HEATING EQUIPMENT	10.5	6.8	(D)	(D)	-	-	-	-
3586	MEASURING AND DISPENSING PUMPS	(D)	(D)	-	-	-	-	-	-
3589	SERVICE INDUSTRY MACHINERY, NEC	(D)	(D)	-	-	-	-	-	-
359	MISC. MACHINERY, EXC. ELEC	(D)	(D)	(D)	-	-	-	-	-
3592	CARBURETORS, PISTONS, RINGS, ETC	(D)	(D)	(D)	-	-	-	-	-
3599	MACHINERY, EXCEPT ELECTRICAL, NEC . .	(D)	(D)	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	65.8	42.9	19.3	.8	(D)	-	2.4	(D)
361	ELECTRIC DISTRIBUTING EQUIPMENT	4.1	3.0	(D)	-	-	-	(D)	-
3612	TRANSFORMERS	(D)	(D)	(D)	-	-	-	-	-
3613	SWITCHGEAR, SWITCHBOARD APPARATUS . . .	(D)	(D)	(D)	-	-	-	(D)	-
362	ELECTRICAL INDUSTRIAL APPARATUS	11.2	6.9	4.0	(D)	-	-	(D)	-
3621	MOTORS AND GENERATORS	(D)	(D)	(D)	(D)	-	-	-	-
3622	INDUSTRIAL CONTROLS	2.8	2.1	.6	.1	-	-	-	-
3623	WELDING APPARATUS, ELECTRIC . . . . .	.1	.1	-	-	-	-	-	-
3624	CARBON AND GRAPHITE PRODUCTS	(D)	(D)	(D)	-	-	-	(D)	-
3629	ELEC. INDUSTRIAL APPARATUS, NEC	(D)	(D)	(D)	-	-	-	-	-
363	HOUSEHOLD APPLIANCES	9.8	7.7	2.0	-	-	-	-	-
3631	HOUSEHOLD COOKING EQUIPMENT	(D)	(D)	-	-	-	-	-	-
3632	HOUSEHOLD REFRIGERATORS, FREEZERS	3.3	2.6	.6	-	-	-	-	-
3633	HOUSEHOLD LAUNDRY EQUIPMENT	2.0	1.3	.6	-	-	-	-	-
3634	ELECTRIC HOUSEWARES AND FANS	1.9	1.6	.3	-	-	-	-	-
3635	HOUSEHOLD VACUUM CLEANERS	(D)	(D)	(D)	-	-	-	-	-
3636	SEWING MACHINES	(D)	(D)	-	-	-	-	-	-
3639	HOUSEHOLD APPLIANCES, NEC	1.4	(D)	(D)	-	-	-	-	-
364	ELEC. LIGHTING, WIRING EQUIP	6.0	5.2	.7	.1	-	-	.1	-
3641	ELECTRIC LAMPS	1.6	1.3	.2	-	-	-	-	-
3643	CURRENT-CARRYING WIRING DEVICES	1.7	1.5	.1	-	-	-	-	-
3644	NONCURRENT-CARRYING WIRING DEVICES . . .	1.1	.9	.2	-	-	-	-	-
3645	RESIDENTIAL LIGHTING FIXTURES	(D)	(D)	-	-	-	-	-	-
3646	COMMERCIAL LIGHTING FIXTURES . . . . .	.4	.2	.1	-	-	-	-	-
3647	VEHICULAR LIGHTING EQUIPMENT	(D)	(D)	-	-	-	-	-	-
3648	LIGHTING EQUIPMENT, NEC . . . . .	.2	.2	-	-	-	-	-	-
365	RADIO, TV RECEIVING EQUIPMENT	3.0	2.4	(D)	(D)	-	-	(D)	-
3651	RADIO AND TV RECEIVING SETS	(D)	(D)	(D)	-	-	-	(D)	-
3652	PHONO. RECORDS, PRERECORDED TAPE	(D)	(D)	(D)	(D)	-	-	-	-
366	COMMUNICATION EQUIPMENT	11.6	6.6	3.6	-	(D)	-	(D)	-
3661	TELEPHONE AND TELEGRAPH APPARATUS . . .	4.5	(D)	(D)	-	(D)	-	-	-
3662	RADIO AND TV COMMUNICATION EQUIP	7.1	(D)	(D)	-	-	-	(D)	-

See footnotes at end of table.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973—Continued

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments--		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
36	ELECTRIC AND ELECTRONIC EQUIPMENT--CONTINUED													
367	ELECTRONIC COMPONENTS, ACCESS. . .	769.4	25.4	23.9	116	67	10.2	5.5	4.5	-	-	-	0.1	-
3671	ELECTRON TUBES, RECEIVING TYPE . . .	4.0	.9	.8	6	3	-	-	-	-	-	-	-	-
3672	CATHODE RAY TV PICTURE TUBES . . .	12.9	3.1	3.0	7	-	.7	(D)	(D)	-	-	-	-	-
3673	ELECTRON TUBES, TRANSMITTING . . .	4.9	2.4	2.4	10	4	.6	.1	.6	-	-	-	-	-
3674	SEMICONDUCTORS, RELATED DEVICES . .	720.2	8.8	8.1	30	21	5.5	4.0	1.4	-	-	-	-	-
3675	ELECTRONIC CAPACITORS	3.6	3.0	2.9	12	6	.8	.2	.5	-	-	-	.1	-
3676	ELECTRONIC RESISTORS	(D)	.6	.6	11	7	(D)	-	-	-	-	-	-	-
3677	ELECTRONIC COILS AND TRANSFORMERS .	(D)	.6	.6	4	1	(D)	(D)	(D)	-	-	-	-	-
3678	ELECTRONIC CONNECTORS . . . . .	.7	.6	.6	6	4	.3	(D)	(D)	-	-	-	-	-
3679	ELECTRONIC COMPONENTS, NEC	21.5	5.5	5.1	30	21	2.0	.5	1.4	-	-	-	-	-
369	MISC. ELEC. EQUIPMENT, SUPPLIES . .	28.0	11.0	10.3	72	48	3.9	3.2	(D)	-	-	-	(D)	-
3691	STORAGE BATTERIES	5.0	3.5	3.4	40	33	2.5	2.2	(D)	-	-	-	(D)	-
3692	PRIMARY BATTERIES, DRY AND WET . . .	(D)	(D)	(D)	5	4	-	-	-	-	-	-	-	-
3693	X-RAY APPARATUS AND TUBES	(D)	.9	.9	3	2	(D)	-	(D)	-	-	-	-	-
3694	ENGINE ELECTRICAL EQUIPMENT	21.1	5.8	5.3	21	9	1.1	.9	.1	-	-	-	-	-
3699	ELECTRICAL EQUIP., SUPPLIES, NEC . .	(D)	(D)	(D)	3	-	(D)	-	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	1 967.4	242.3	227.2	375	170	43.1	15.8	25.7	0.4	(D)	(D)	.6	-
371	MOTOR VEHICLES AND EQUIPMENT . . .	1 700.8	110.9	103.9	194	93	28.0	13.3	14.5	-	-	-	.1	-
3711	MOTOR VEHICLES AND CAR BODIES . . .	(D)	51.0	47.3	59	16	(D)	(D)	(D)	-	-	-	-	-
3713	TRUCK AND BUS BODIES	(D)	(D)	.4	6	4	(D)	-	-	-	-	-	-	-
3714	MOTOR VEHICLE PARTS, ACCESSORIES . .	(D)	58.7	56.2	128	70	18.9	(D)	(D)	-	-	-	.1	-
3715	TRUCK TRAILERS	(D)	(D)	-	1	1	-	-	-	-	-	-	-	-
372	AIRCRAFT AND PARTS	168.0	94.0	88.7	84	39	12.6	(D)	10.4	(D)	(D)	(D)	.4	-
3721	AIRCRAFT	65.1	25.0	23.8	23	7	2.9	.6	(D)	(D)	(D)	(D)	.3	-
3724	AIRCRAFT ENGINES AND ENGINE PARTS .	81.7	59.3	56.9	26	9	8.7	(D)	(D)	(D)	(D)	(D)	-	-
3728	AIRCRAFT EQUIPMENT, NEC	21.3	9.8	8.0	35	23	.9	.4	.4	-	-	-	.1	-
3731	SHIP BUILDING AND REPAIRING	(D)	25.8	24.9	35	3	.7	(D)	(D)	-	0.2	-	-	-
3743	RAILROAD EQUIPMENT	22.8	3.6	3.0	22	15	(D)	(D)	-	(D)	-	-	-	-
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	2.6	(D)	1.4	8	3	(D)	(D)	(D)	-	-	-	-	-
376	GUIDED MISSILES, SPACE VEHICLES . .	39.8	6.1	4.9	28	13	.6	.3	.3	-	-	-	-	-
3761	GUIDED MISSILES, SPACE VEHICLES . .	24.8	2.9	2.5	15	7	.2	.1	-	-	-	-	-	-
3764	SPACE PROPULSION UNITS AND PARTS . .	7.9	2.4	1.7	7	2	.1	(D)	(D)	-	-	-	-	-
3769	SPACE VEHICLE EQUIPMENT, NEC	7.9	.8	.6	6	4	.3	(D)	(D)	-	-	-	-	-
379	MISC. TRANSPORTATION EQUIPMENT . .	(D)	(D)	.4	4	4	(D)	-	-	-	-	-	-	-
3795	TANKS AND TANK COMPONENTS	(D)	(D)	(D)	2	2	(D)	-	-	-	-	-	-	-
3799	TRANSPORTATION EQUIPMENT, NEC . . .	(D)	(D)	(D)	2	2	(D)	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	135.4	37.4	34.8	123	61	16.4	1.5	13.0	(D)	(D)	-	(D)	-
3811	ENGINEERING, SCIENTIFIC INSTRU . . .	(D)	.9	.8	8	4	(D)	-	(D)	-	-	-	(D)	-
382	MEASURING, CONTROLLING DEVICES . . .	10.7	5.4	5.2	47	23	1.2	.3	.8	-	-	-	-	-
3822	ENVIRONMENTAL CONTROLS	(D)	1.7	1.6	14	6	.3	(D)	(D)	-	-	-	-	-
3823	PROCESS CONTROL INSTRUMENTS	2.3	.7	.7	11	6	.2	(D)	(D)	-	-	-	-	-
3824	FLUID METERS AND COUNTING DEVICES . .	.6	.3	.3	7	3	(D)	-	-	-	-	-	-	-
3825	INSTRU. TO MEASURE ELECTRICITY	4.2	2.4	2.3	9	4	.6	(D)	(D)	-	-	-	-	-
3829	MEASURING, CONTROLLING DEVICES, NEC .	(D)	.3	.3	6	4	(D)	-	-	-	-	-	-	-
3832	OPTICAL INSTRUMENTS AND LENSES . . .	(D)	.1	.1	3	2	-	-	-	-	-	-	-	-
384	MEDICAL INSTRUMENTS, SUPPLIES . . .	5.2	3.5	3.5	27	14	.7	.4	(D)	-	-	-	(D)	-
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	3.6	2.0	2.1	10	4	(D)	(D)	(D)	-	-	-	(D)	-
3842	SURGICAL APPLIANCES AND SUPPLIES . .	(D)	1.4	1.3	14	9	(D)	(D)	-	-	-	-	-	-
3843	DENTAL EQUIPMENT AND SUPPLIES	(D)	.1	.1	3	1	-	-	-	-	-	-	-	-
3851	OPHTHALMIC GOODS	(D)	6.2	6.0	6	2	(D)	(D)	(D)	-	-	-	-	-
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES . .	108.2	20.7	18.6	25	13	13.6	(D)	11.5	(D)	(D)	-	-	-
3873	WATCHES, CLOCKS, AND WATCHCASES . .	1.3	.6	.6	7	3	(D)	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . .	26.4	12.1	11.7	83	39	2.5	.7	1.8	-	-	-	-	-
391	JEWELRY, SILVER AND PLATED WARE . . .	(D)	1.0	1.0	11	6	.2	(D)	(D)	-	-	-	-	-
3911	JEWELRY, PRECIOUS METAL	(D)	(D)	(D)	3	1	(D)	-	-	-	-	-	-	-
3914	SILVERWARE AND PLATED WARE . . . . .	.9	.7	.7	6	3	(D)	(D)	(D)	-	-	-	-	-
3915	JEWELERS' MATS., LAPIDARY WORK . . .	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
3931	MUSICAL INSTRUMENTS	(D)	(D)	(D)	2	2	(D)	-	-	-	-	-	-	-
394	TOYS AND SPORTING GOODS	5.9	3.2	3.3	21	7	(D)	-	(D)	-	-	-	-	-
3944	GAMES, TOYS, CHILDREN'S VEHICLES . .	(D)	1.1	1.1	9	3	(D)	-	(D)	-	-	-	-	-
3949	SPORTING AND ATHLETIC GOODS, NEC . .	(D)	2.2	2.2	12	4	(D)	-	(D)	-	-	-	-	-
395	PENS, OFFICE AND ART GOODS	(D)	(D)	(D)	6	1	(D)	-	-	-	-	-	-	-
3951	PENS AND MECHANICAL PENCILS	(D)	.5	(D)	3	-	(D)	-	-	-	-	-	-	-
3952	LEAD PENCILS AND ART GOODS	(D)	(D)	(D)	1	-	(D)	-	-	-	-	-	-	-
3955	CARBON PAPER AND INKED RIBBONS . . .	(D)	(D)	-	2	1	-	-	-	-	-	-	-	-
396	COSTUME JEWELRY AND NOTIONS	5.4	2.7	2.7	18	9	.5	-	.4	-	-	-	-	-
3961	COSTUME JEWELRY	(D)	(D)	.2	4	3	.1	-	.1	-	-	-	-	-
3963	BUTTONS	(D)	(D)	-	1	1	-	-	-	-	-	-	-	-
3964	NEEDLES, PINS, AND FASTENERS	(D)	2.5	2.5	13	5	.4	-	.3	-	-	-	-	-
399	MISCELLANEOUS MANUFACTURES	(D)	4.4	4.0	25	14	1.4	(D)	(D)	-	-	-	-	-
3991	BROOMS AND BRUSHES	(D)	.8	.7	4	1	(D)	-	(D)	-	-	-	-	-
3993	SIGNS AND ADVERTISING DISPLAYS	(D)	(D)	(D)	3	3	-	-	-	-	-	-	-	-
3995	BURIAL CASKETS	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
3996	HARD SURFACE FLOOR COVERINGS	(D)	1.8	1.4	4	2	(D)	-	(D)	-	-	-	-	-
3999	MANUFACTURING INDUSTRIES, NEC . . .	1.8	1.7	1.7	12	7	.9	(D)	(D)	-	-	-	-	-

Note: Figures shown for industry groups (3-digit) and major groups (2-digit) include data for all component industries whether or not separate figures are shown for individual industries in the group.

TABLE 5A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Water untreated, by point of discharge						
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)
36	ELECTRIC AND ELECTRONIC EQUIPMENT--CONTINUED							
367	ELECTRONIC COMPONENTS, ACCESS. . .	13.7	7.6	5.2	0.4	-	-	0.5
3671	ELECTRON TUBES, RECEIVING TYPE . . .	.4	(D)	(D)	-	-	-	-
3672	CATHODE RAY TV PICTURE TUBES . . .	2.3	.6	1.4	-	-	-	.3
3673	ELECTRON TUBES, TRANSMITTING . . .	1.7	.7	(D)	(D)	-	-	-
3674	SEMICONDUCTORS, RELATED DEVICES. . .	2.6	1.5	1.0	-	-	-	-
3675	ELECTRONIC CAPACITORS.	2.1	(D)	1.3	(D)	-	-	-
3676	ELECTRONIC RESISTORS	(D)	(D)	(D)	-	-	-	-
3677	ELECTRONIC COILS AND TRANSFORMERS. .	(D)	(D)	-	-	-	-	-
3678	ELECTRONIC CONNECTORS. . . . .	.3	.2	.1	-	-	-	-
3679	ELECTRONIC COMPONENTS, NEC	3.1	2.5	.4	-	-	-	.1
369	MISC. ELEC. EQUIPMENT, SUPPLIES. . .	6.5	3.6	2.6	-	-	-	.2
3691	STORAGE BATTERIES. . . . .	.8	.5	.1	-	-	-	.2
3692	PRIMARY BATTERIES, DRY AND WET . . .	(D)	(D)	(D)	-	-	-	-
3693	X-RAY APPARATUS AND TUBES.	(D)	(D)	(D)	-	-	-	-
3694	ENGINE ELECTRICAL EQUIPMENT.	4.2	2.1	2.2	-	-	-	-
3699	ELECTRICAL EQUIP., SUPPLIES, NEC . .	(D)	(D)	(D)	-	-	-	-
37	TRANSPORTATION EQUIPMENT	184.1	66.8	75.9	14.4	13.3	3.7	9.0
371	MOTOR VEHICLES AND EQUIPMENT	75.9	47.8	23.5	(D)	(D)	-	(D)
3711	MOTOR VEHICLES AND CAR BODIES. . . .	(D)	(D)	(D)	-	(D)	-	(D)
3713	TRUCK AND BUS BODIES	(D)	(D)	-	-	-	-	-
3714	MOTOR VEHICLE PARTS, ACCESSORIES. . .	37.3	17.7	(D)	(D)	-	-	.1
3715	TRUCK TRAILERS	-	-	-	-	-	-	-
372	AIRCRAFT AND PARTS	76.1	12.0	(D)	(D)	2.1	(D)	4.0
3721	AIRCRAFT	20.0	(D)	1.4	(D)	(D)	-	.1
3724	AIRCRAFT ENGINES AND ENGINE PARTS. .	48.2	(D)	(D)	(D)	(D)	(D)	-
3728	AIRCRAFT EQUIPMENT, NEC.	7.0	4.4	1.0	.1	(D)	-	-
3731	SHIP BUILDING AND REPAIRING.	24.2	2.5	(D)	-	11.0	(D)	.7
3743	RAILROAD EQUIPMENT	(D)	(D)	(D)	(D)	-	-	-
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	(D)	(D)	(D)	-	-	-	-
376	GUIDED MISSILES, SPACE VEHICLES. . .	4.3	2.2	1.1	-	(D)	-	(D)
3761	GUIDED MISSILES, SPACE VEHICLES. . .	2.4	1.7	.6	-	(D)	-	(D)
3764	SPACE PROPULSION UNITS AND PARTS . .	1.6	.3	.5	-	-	-	.8
3769	SPACE VEHICLE EQUIPMENT, NEC . . . .	.3	.2	-	-	-	-	-
379	MISC. TRANSPORTATION EQUIPMENT . . .	(D)	(D)	-	-	-	-	-
3795	TANKS AND TANK COMPONENTS.	(D)	(D)	-	-	-	-	-
3799	TRANSPORTATION EQUIPMENT, NEC. . . .	(D)	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. . . .	18.4	9.2	8.4	.2	(D)	-	.5
3811	ENGINEERING, SCIENTIFIC INSTRU. . . .	(D)	(D)	-	-	-	-	-
382	MEASURING, CONTROLLING DEVICES . . .	4.0	(D)	(D)	(D)	-	-	(D)
3822	ENVIRONMENTAL CONTROLS	1.3	.8	.5	-	-	-	-
3823	PROCESS CONTROL INSTRUMENTS. . . . .	.5	.3	(D)	(D)	-	-	-
3824	FLUID METERS AND COUNTING DEVICES. .	(D)	(D)	(D)	-	-	-	-
3825	INSTRU. TO MEASURE ELECTRICITY	1.7	(D)	.9	-	-	-	(D)
3829	MEASURING, CONTROLLING DEVICES, NEC .	(D)	(D)	-	-	-	-	-
3832	OPTICAL INSTRUMENTS AND LENSES . . .	.1	.1	-	-	-	-	-
384	MEDICAL INSTRUMENTS, SUPPLIES. . . .	2.9	2.2	.3	(D)	-	-	(D)
3841	SURGICAL AND MEDICAL INSTRUMENTS . .	(D)	(D)	(D)	(D)	-	-	(D)
3842	SURGICAL APPLIANCES AND SUPPLIES . .	(D)	(D)	(D)	-	-	-	-
3843	DENTAL EQUIPMENT AND SUPPLIES. . . .	.1	.1	-	-	-	-	-
3851	OPHTHALMIC GOODS	(D)	(D)	(D)	-	-	-	-
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES . .	5.0	2.7	1.9	-	(D)	-	(D)
3873	WATCHES, CLOCKS, AND WATCHCASES. .	(D)	(D)	(D)	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . .	9.2	4.1	4.7	(D)	-	-	(D)
391	JEWELRY, SILVER AND PLATED WARE. . . .	.7	(D)	(D)	-	-	-	-
3911	JEWELRY, PRECIOUS METAL.	(D)	(D)	-	-	-	-	-
3914	SILVERWARE AND PLATED WARE . . . . .	.6	(D)	(D)	-	-	-	-
3915	JEWELERS' MATS., LAPIDARY WORK	(D)	(D)	-	-	-	-	-
3931	MUSICAL INSTRUMENTS.	-	-	-	-	-	-	-
394	TOYS AND SPORTING GOODS.	(D)	(D)	(D)	(D)	-	-	-
3944	GAMES, TOYS, CHILDREN'S VEHICLES . .	(D)	(D)	(D)	(D)	-	-	-
3949	SPORTING AND ATHLETIC GOODS, NEC . . .	(D)	(D)	(D)	-	-	-	-
395	PENS, OFFICE AND ART GOODS	(D)	(D)	(D)	-	-	-	-
3951	PENS AND MECHANICAL PENCILS	(D)	(D)	(D)	-	-	-	-
3952	LEAD PENCILS AND ART GOODS	(D)	-	(D)	-	-	-	-
3955	CARBON PAPER AND INKED RIBBONS	-	-	-	-	-	-	-
396	COSTUME JEWELRY AND NOTIONS.	2.2	.6	1.6	-	-	-	-
3961	COSTUME JEWELRY. . . . .	.1	.1	-	-	-	-	-
3963	BUTTONS.	-	-	-	-	-	-	-
3964	NEEDLES, PINS, AND FASTENERS	2.1	.5	1.6	-	-	-	-
399	MISCELLANEOUS MANUFACTURES	2.7	1.5	(D)	-	-	-	(D)
3991	BROOMS AND BRUSHES	(D)	(D)	(D)	-	-	-	-
3993	SIGNS AND ADVERTISING DISPLAYS	(D)	(D)	-	-	-	-	-
3995	BURIAL CASKETS	(D)	(D)	-	-	-	-	-
3996	HARD SURFACE FLOOR COVERINGS	(D)	(D)	(D)	-	-	-	-
3999	MANUFACTURING INDUSTRIES, NEC. . . .	.7	.6	.1	-	-	-	-

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

¹See footnote 4, table 1A.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
	UNITED STATES, TOTAL	43412.6	15024.3	14143.5	7983	4196	6156.3	305.1	3636.3	546.4	1481.1	38.7	62.3	66.2
	NEW ENGLAND DIVISION	1156.7	670.1	655.9	561	240	109.1	(D)	73.2	1.3	(D)	(D)	.5	.4
	MAINE	407.9	169.2	167.0	39	16	38.0	(D)	37.3	-	(D)	-	-	-
20	FOOD AND KINDRED PRODUCTS	10.0	2.9	2.7	16	8	1.1	(D)	.9	-	(D)	-	-	-
22	TEXTILE MILL PRODUCTS	3.5	3.2	3.2	1	5	.9	.5	.5	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	386.3	155.9	154.3	5	-	35.4	-	35.4	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	4.0	3.8	3.6	-	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	1.5	1.0	.9	1	1	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	1.0	1.0	.9	2	1	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	(D)	(D)	(D)	2	1	(D)	-	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
	NEW HAMPSHIRE	68.4	26.0	23.3	33	14	2.9	.4	2.4	-	-	-	.1	-
20	FOOD AND KINDRED PRODUCTS	(D)	.9	.7	4	1	(D)	(D)	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	.9	.9	.9	7	6	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	49.6	21.4	19.1	3	2	2.4	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)	2	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . . . .	.3	.2	(D)	2	1	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.3	.3	.2	5	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . . .	.4	.3	.3	3	2	(D)	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
	VERMONT	11.9	6.5	6.2	22	11	3.2	(D)	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS . . . . .	.4	.3	.3	4	2	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	9.0	4.1	4.0	3	2	2.6	-	2.6	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.1	.1	.1	3	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . . .	.7	.6	.6	3	2	(D)	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	2	1	(D)	-	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
	MASSACHUSETTS	255.5	151.9	148.2	232	107	19.7	5.0	12.9	1.3	(D)	-	(D)	.4
20	FOOD AND KINDRED PRODUCTS	10.6	10.2	9.7	32	20	.6	(D)	-	-	-	-	(D)	(D)
22	TEXTILE MILL PRODUCTS	5.1	5.0	4.8	13	8	1.1	.4	.7	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	112.0	68.9	66.9	28	7	9.7	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	22.1	13.3	12.7	15	3	2.4	1.2	(D)	(D)	-	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	.4	2	-	.3	-	(D)	-	-	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD.	14.4	8.9	9.1	20	3	.7	.2	.5	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	1.7	1.7	1.6	7	5	.3	.1	.2	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	2.6	2.0	1.9	5	2	.4	-	(D)	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES	2.0	1.8	1.8	11	3	.1	.1	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	7.8	6.4	6.4	15	9	(D)	(D)	(D)	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	27.0	17.1	17.1	25	14	.7	.2	.3	(D)	(D)	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	6.8	4.3	4.3	28	19	1.6	(D)	1.1	(D)	-	-	-	-
37	TRANSPORTATION EQUIPMENT	26.7	3.1	3.0	7	3	(D)	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	13.8	6.8	6.5	13	7	.6	.2	.4	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	2.0	1.7	1.7	9	3	.2	-	.2	-	-	-	-	-
	RHODE ISLAND	21.4	14.4	13.6	47	29	3.1	.4	2.0	-	(D)	-	(D)	-
20	FOOD AND KINDRED PRODUCTS	1.3	1.0	1.0	3	1	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	2.2	2.2	2.2	8	7	.9	-	.9	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)	1	-	(D)	(D)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	3.3	1.5	1.4	3	1	.7	-	.7	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	-	-	(D)	-	-	-	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	1.0	.8	.6	2	-	.1	-	.1	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	5.5	4.4	4.3	9	4	.2	-	.1	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	.4	.3	.3	5	4	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.3	.3	.3	2	2	.1	(D)	-	-	-	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . . . .	.8	.5	.4	3	2	.1	(D)	-	-	-	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	1.0	.6	.6	9	6	-	-	-	-	-	-	-	-
	CONNECTICUT	391.5	302.2	297.6	188	63	42.3	2.1	(D)	-	(D)	(D)	.2	-
20	FOOD AND KINDRED PRODUCTS	2.3	1.0	.8	11	6	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	3.4	3.3	3.2	16	7	.4	.3	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)	5	2	(D)	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	59.6	47.9	47.4	7	1	(D)	(D)	(D)	-	(D)	-	-	-
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	16.7	13.4	13.3	11	3	(D)	-	(D)	-	-	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS	1.3	1.1	1.0	5	1	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	15.5	15.3	27	5	2.7	.1	2.5	-	-	-	.1	-
34	FABRICATED METAL PRODUCTS	13.6	7.4	7.3	31	12	1.1	.2	.8	-	-	-	.1	-
35	MACHINERY, EXCEPT ELECTRICAL	8.3	3.9	3.9	19	8	.4	.2	.2	-	.1	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	2.3	1.9	1.8	23	8	.3	.1	.2	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	68.0	(D)	(D)	11	4	(D)	(D)	(D)	-	(D)	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	1.8	.6	.6	9	2	.2	-	.2	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	3.9	2.4	2.3	12	4	.4	.1	.3	-	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
	UNITED STATES, TOTAL	7987.2	728.7	5442.9	671.6	793.2	124.9	148.1	76.6
	NEW ENGLAND DIVISION	546.8	43.6	433.0	8.1	52.6	3.2	1.3	5.0
	MAINE	129.0	3.8	112.1	.2	8.0	.1	.2	4.7
20	FOOD AND KINDRED PRODUCTS. . .	1.6	.6	.8	(D)	(D)	.1	-	-
22	TEXTILE MILL PRODUCTS. . . .	2.2	1.6	(D)	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	118.9	.3	109.6	-	4.3	-	.1	4.6
28	CHEMICALS AND ALLIED PRODUCTS. .	3.6	-	-	-	3.5	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	.0	(D)	(D)	-	-	-	.1	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . .	(D)	(D)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	(D)	(D)	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	-	-	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	(D)	(D)	-	-	(D)	-	-	-
	NEW HAMPSHIRE	20.4	2.4	17.8	-	(D)	-	(D)	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . .	.9	.8	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	16.7	.4	16.4	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	-	-	(D)	-	-	-
33	PRIMARY METAL INDUSTRIES. . . .	(D)	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	.2	.1	.1	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	(D)	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	(D)	-	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	-	(D)	-	-	-	-	-
	VERMONT	3.1	1.0	1.8	(D)	-	-	(D)	-
20	FOOD AND KINDRED PRODUCTS. . .	.3	.2	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	(D)	-	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES.	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	1.4	-	1.4	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	-	(D)	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	-	-	-	(D)	-	-
33	PRIMARY METAL INDUSTRIES. . . .	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	(D)	(D)	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	.1	.1	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	(D)	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	(D)	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-
	MASSACHUSETTS	128.4	18.7	80.1	(D)	23.1	(D)	.6	.2
20	FOOD AND KINDRED PRODUCTS. . .	9.1	1.2	.1	(D)	6.4	(D)	-	-
22	TEXTILE MILL PRODUCTS. . . .	3.7	(D)	2.1	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	(D)	-	(D)	(D)	-	-	-	-
25	FURNITURE AND FIXTURES.	(D)	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	57.2	3.1	54.0	-	-	-	.1	-
28	CHEMICALS AND ALLIED PRODUCTS. .	10.3	1.2	5.4	(D)	(D)	-	.1	-
29	PETROLEUM AND COAL PRODUCTS. . .	.1	-	.1	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	8.4	(D)	4.0	2.1	(D)	-	.4	-
31	LEATHER AND LEATHER PRODUCTS . .	1.3	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	1.5	(D)	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . .	1.6	.4	1.2	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	(D)	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	16.3	(D)	.2	-	(D)	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	2.6	1.6	1.0	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	(D)	(D)	(D)	-	(D)	(D)	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	5.9	1.2	(D)	(D)	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	1.4	.6	.6	-	-	-	-	-
	RHODE ISLAND	10.6	4.1	5.1	(D)	(D)	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	.9	.2	(D)	(D)	-	-	-	-
22	TEXTILE MILL PRODUCTS. . . .	1.3	1.0	.3	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	(D)	-	(D)	(D)	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	.7	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	.5	.1	.4	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . .	4.2	.5	(D)	(D)	(D)	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	.3	.3	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	.2	.2	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	.3	.2	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	.6	(D)	(D)	-	-	-	-	-
	CONNECTICUT	255.3	13.5	216.1	2.6	21.3	(D)	(D)	.1
20	FOOD AND KINDRED PRODUCTS. . .	.8	.4	(D)	-	(D)	-	-	-
22	TEXTILE MILL PRODUCTS. . . .	2.8	(D)	1.8	-	-	(D)	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	(D)	(D)	(D)	(D)	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	-	(D)	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	-	-	-	(D)	-	-
33	PRIMARY METAL INDUSTRIES. . . .	12.5	1.4	9.2	(D)	(D)	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	6.2	(D)	(D)	-	-	-	-	.1
35	MACHINERY, EXCEPT ELECTRICAL . .	3.4	2.9	.4	-	.1	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	1.5	.8	.6	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . . .	(D)	(D)	(D)	-	(D)	(D)	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	.4	.2	.1	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	1.9	.3	1.6	-	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
	MIDDLE ATLANTIC DIVISION	5186.1	2355.5	2253.2	1319	560	850.1	34.9	621.5	48.7	138.1	(D)	(D)	0.5
	NEW YORK	975.2	513.8	491.3	400	159	179.7	13.5	124.2	40.2	.5	-	1.3	.1
20	FOOD AND KINDRED PRODUCTS	34.3	24.7	19.2	80	45	2.4	.8	1.0	.1	.1	-	.4	-
21	TOBACCO PRODUCTS	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	4.8	4.0	3.9	20	13	1.3	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	2	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	164.4	64.8	62.3	31	8	43.8	(D)	33.8	(D)	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS	182.2	126.4	123.7	45	12	37.8	2.2	10.4	(D)	(D)	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS	28.6	20.4	20.1	2	-	(D)	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	10.1	5.1	4.9	12	5	(D)	-	(D)	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	14.5	10.1	8.9	3	2	(D)	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	14.5	10.1	8.9	27	7	2.7	(D)	2.6	-	(D)	-	-	-
33	PRIMARY METAL INDUSTRIES	288.9	172.4	165.1	41	10	50.2	(D)	39.2	6.4	(D)	-	-	-
34	FABRICATED METAL PRODUCTS	19.2	3.4	3.1	26	14	.6	.3	.4	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	60.6	34.0	33.6	26	10	5.0	(D)	4.6	-	(D)	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	31.1	15.9	15.1	48	16	6.0	1.6	4.4	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	45.4	13.4	13.3	14	8	3.1	.3	(D)	-	-	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS	88.3	17.4	16.1	18	8	(D)	(D)	(D)	(D)	-	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES	1.3	1.1	1.1	5	3	(D)	(D)	-	-	-	-	-	-
	NEW JERSEY	846.5	407.0	384.3	350	169	231.7	13.5	122.4	(D)	91.0	(D)	2.3	.3
20	FOOD AND KINDRED PRODUCTS	57.2	17.6	15.5	55	26	4.3	2.6	.1	(D)	-	-	(D)	-
22	TEXTILE MILL PRODUCTS	4.2	4.1	3.5	24	16	1.1	.9	.2	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	51.0	17.1	15.4	24	14	5.8	.2	5.0	-	-	-	.5	-
28	CHEMICALS AND ALLIED PRODUCTS	342.7	202.2	190.8	89	41	121.0	8.2	98.5	-	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS	271.5	108.2	104.3	6	1	(D)	(D)	-	-	(D)	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	6.5	3.4	3.3	23	10	.5	-	.5	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	23.4	12.9	12.2	19	6	1.7	-	(D)	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES	45.3	25.2	24.0	28	10	4.6	(D)	3.6	-	(D)	-	-	-
34	FABRICATED METAL PRODUCTS	3.9	1.8	1.6	16	9	.6	.6	.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	6.4	4.1	4.0	10	7	(D)	(D)	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	11.6	6.5	6.3	39	20	.5	.3	(D)	(D)	-	-	-	-
37	TRANSPORTATION EQUIPMENT	18.7	2.0	1.8	6	3	.6	-	.6	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	3.2	1.3	1.1	6	3	.8	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	.6	.4	.4	2	1	-	-	-	-	-	-	-	-
	PENNSYLVANIA	3364.3	1434.7	1377.6	569	232	438.6	7.8	374.8	(D)	46.6	-	(D)	.1
20	FOOD AND KINDRED PRODUCTS	41.6	26.5	24.6	91	56	3.6	2.2	1.2	-	-	-	.2	-
21	TOBACCO PRODUCTS	(D)	(D)	(D)	3	1	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	4.6	4.0	3.6	34	25	1.0	.5	.5	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	.3	.2	.2	5	2	.1	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	285.3	60.5	56.8	35	15	42.4	.7	28.0	(D)	(D)	-	.3	-
28	CHEMICALS AND ALLIED PRODUCTS	267.4	122.6	117.2	46	17	47.5	2.3	(D)	-	(D)	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS	471.6	116.3	106.8	11	1	85.2	-	(D)	-	(D)	-	.1	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	7.2	6.2	26	11	1.2	.2	(D)	(D)	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	.5	.5	.4	4	4	(D)	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	(D)	16.9	14.5	45	7	2.7	.1	2.5	-	-	-	.1	-
33	PRIMARY METAL INDUSTRIES	1499.3	1043.9	1013.3	90	18	249.8	(D)	219.9	-	(D)	-	(D)	-
34	FABRICATED METAL PRODUCTS	21.7	6.7	6.4	52	24	1.3	(D)	.9	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	27.7	11.1	10.8	35	15	.6	(D)	.3	(D)	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	(D)	8.1	7.8	49	21	2.4	.6	1.8	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	23.1	6.2	5.4	21	8	(D)	(D)	-	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	1.8	1.5	1.3	13	3	.1	-	.1	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	10.0	2.4	2.0	8	4	.3	-	.3	-	-	-	-	-
	EAST NORTH CENTRAL DIVISION	8762.6	3875.2	3684.0	2394	1358	1548.7	99.5	1081.6	352.1	(D)	(D)	9.0	3.5
	OHIO	2674.5	1019.6	964.9	636	353	374.6	11.5	354.6	6.9	.4	-	.8	.4
20	FOOD AND KINDRED PRODUCTS	44.7	12.3	10.6	104	78	3.4	1.1	2.2	-	-	-	.1	-
22	TEXTILE MILL PRODUCTS	3.0	2.2	2.0	8	6	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	3	2	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	.5	.5	.5	3	1	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	169.1	51.9	48.5	34	17	29.2	1.7	26.9	-	(D)	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS	565.1	127.2	119.4	67	34	47.9	2.9	44.6	.3	-	-	.1	-
29	PETROLEUM AND COAL PRODUCTS	204.1	42.2	39.7	8	2	(D)	(D)	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	46.7	22.4	19.4	54	22	6.2	(D)	5.6	(D)	(D)	-	-	-
31	LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	60.4	22.4	20.4	35	11	3.1	0.2	2.6	(D)	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES	1312.3	683.7	653.2	79	29	253.7	1.6	245.6	6.2	-	-	(D)	(D)
34	FABRICATED METAL PRODUCTS	39.1	11.1	10.3	86	60	2.1	.9	1.0	-	-	-	0.2	-
35	MACHINERY, EXCEPT ELECTRICAL	37.7	16.4	15.6	57	37	5.8	.5	(D)	(D)	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	30.0	7.0	6.0	42	26	(D)	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	160.5	19.5	18.4	46	23	4.4	1.5	2.8	-	-	-	.1	-
38	INSTRUMENTS, RELATED PRODUCTS	.5	.2	.2	4	3	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	.6	.4	.4	5	3	.1	-	.1	-	-	-	-	-
	INDIANA	2067.2	1221.9	1178.3	325	189	478.8	9.4	169.4	296.2	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS	43.6	23.7	20.0	52	38	9.5	(D)	2.8	(D)	-	-	.1	-
24	LUMBER AND WOOD PRODUCTS	.4	.1	.1	3	1	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	.3	.3	5	-	(D)	-	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	14.3	4.4	4.3	10	6	1.6	(D)	1.0	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS	177.8	72.8	70.1	15	7	5.1	.8	2.3	(D)	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS	218.2	(D)	(D)	6	2	(D)	(D)	(D)	(D)	-	-	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD.	21.6	(D)	(D)	21	11	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	20.0	10.8	8.7	15	5	1.3	(D)	1.1	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES	1469.9	1016.7	987.4	40	17	398.9	(D)	155.4	242.4	-	-	(D)	-
34	FABRICATED METAL PRODUCTS	14.8	4.5	4.3	46	39	1.0	(D)	-	-	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL	12.8	4.8	4.5	33	16	1.5	1.1	(D)	-	-	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP.	47.2	10.4	9.7	41	26	2.4	2.4	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	20.1	7.5	7.0	32	19	2.0	.9	1.1	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	(D)	1.0	.9	4	1	.5	-	.5	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
	MIDDLE ATLANTIC DIVISION	1402.6	123.2	1041.9	35.6	181.8	1.2	11.2	7.6
	NEW YORK	311.6	56.7	197.9	31.5	16.7	(D)	7.1	(D)
20	FOOD AND KINDRED PRODUCTS	16.9	4.6	8.5	(D)	3.3	-	.3	(D)
21	TOBACCO PRODUCTS	(D)	-	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	2.6	2.2	(D)	-	-	-	(D)	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	18.5	3.0	13.7	1.7	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	85.9	25.4	46.4	13.1	.5	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	-	-	-	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	6.2	1.1	3.6	(D)	(D)	-	.4	-
33	PRIMARY METAL INDUSTRIES	114.9	7.9	89.7	15.7	(D)	-	.8	(D)
34	FABRICATED METAL PRODUCTS	2.5	1.4	1.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	28.7	(D)	13.9	(D)	(D)	-	.1	.2
36	ELECTRIC, ELECTRONIC EQUIP.	9.1	4.8	2.6	-	-	-	1.6	-
37	TRANSPORTATION EQUIPMENT	10.2	1.0	(D)	-	-	(D)	(D)	(D)
38	INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	-	(D)	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	-	-	-	-	-
	NEW JERSEY	152.6	34.3	36.6	.3	79.1	(D)	1.2	(D)
20	FOOD AND KINDRED PRODUCTS	11.2	5.4	3.5	-	2.0	-	.2	-
22	TEXTILE MILL PRODUCTS	2.3	2.2	.1	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	9.7	7.9	(D)	(D)	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	69.9	7.9	10.6	-	49.9	(D)	.4	(D)
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	-	(D)	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	2.8	1.1	1.7	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	10.5	.4	(D)	-	(D)	-	.1	-
33	PRIMARY METAL INDUSTRIES	19.3	3.1	1.7	-	14.2	-	.2	.1
34	FABRICATED METAL PRODUCTS	1.0	.7	(D)	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)	(D)	(D)	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	5.2	2.5	3.1	-	-	-	.1	-
37	TRANSPORTATION EQUIPMENT	1.1	.6	.5	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . . . . .	.4	.3	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.4	.3	-	-	-	-	-	-
	PENNSYLVANIA	938.4	32.3	807.4	3.8	86.0	-	2.8	0.1
20	FOOD AND KINDRED PRODUCTS	20.4	4.3	10.5	-	(D)	-	(D)	-
21	TOBACCO PRODUCTS	(D)	(D)	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	2.6	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	.1	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	14.4	2.5	6.3	-	(D)	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS	69.7	1.8	60.3	.4	(D)	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS	21.6	.3	19.3	-	(D)	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD.	5.0	.9	2.6	1.3	-	-	.3	-
31	LEATHER AND LEATHER PRODUCTS	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	11.8	.8	9.2	1.1	.5	-	.2	-
33	PRIMARY METAL INDUSTRIES	763.5	9.3	687.6	(D)	(D)	-	.5	1.4
34	FABRICATED METAL PRODUCTS	5.2	2.4	2.3	.1	-	-	.4	.1
35	MACHINERY, EXCEPT ELECTRICAL	10.2	(D)	2.2	-	(D)	-	.2	-
36	ELECTRIC, ELECTRONIC EQUIP.	5.4	2.7	2.5	.1	-	-	.1	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	1.2	1.1	.1	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	1.7	.4	1.2	-	-	-	-	-
	EAST NORTH CENTRAL DIVISION	2135.3	261.6	1266.9	506.3	10.5	(D)	85.9	(D)
	OHIO	590.3	48.9	507.2	(D)	1.9	-	(D)	.8
20	FOOD AND KINDRED PRODUCTS	7.2	6.0	1.1	-	-	-	.1	-
22	TEXTILE MILL PRODUCTS	2.0	2.0	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	.5	.2	.2	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	19.3	2.1	16.7	-	-	-	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS	71.5	6.1	54.5	9.2	1.0	-	.6	.1
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	13.2	2.6	9.7	(D)	(D)	-	.4	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	17.3	2.3	14.2	.3	-	-	.3	.1
33	PRIMARY METAL INDUSTRIES	399.4	6.3	373.4	(D)	(D)	-	(D)	(D)
34	FABRICATED METAL PRODUCTS	8.2	5.6	2.2	(D)	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL	9.8	5.6	3.6	(D)	-	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP.	(D)	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	14.0	(D)	8.0	-	-	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS . . . . .	.2	.1	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.3	(D)	(D)	-	-	-	-	-
	INDIANA	699.5	34.8	227.8	371.7	(D)	(D)	63.7	.9
20	FOOD AND KINDRED PRODUCTS	10.5	3.2	(D)	-	-	-	(D)	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	2.6	1.1	1.5	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	65.0	1.6	9.7	(D)	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	-	(D)	-	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	(D)	-	-	(D)	(D)
32	STONE, CLAY, GLASS PRODUCTS	7.4	.2	.3	6.4	(D)	(D)	.1	-
33	PRIMARY METAL INDUSTRIES	588.4	(D)	207.3	311.2	-	-	(D)	-
34	FABRICATED METAL PRODUCTS	3.3	2.9	.2	.1	-	-	.1	-
35	MACHINERY, EXCEPT ELECTRICAL	3.1	1.9	.7	(D)	-	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP.	7.3	6.4	.8	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	5.0	4.3	.6	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . . . . .	.4	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

(Billion gallons)														
SIC code	Geographic division, State, and major industry group	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
	EAST NORTH CENTRAL DIV.—CON.													
	ILLINOIS	1645.1	504.6	493.5	638	438	196.6	23.0	140.4	32.0	-	-	0.8	0.4
20	FOOD AND KINDRED PRODUCTS. . . .	157.7	52.8	46.7	154	111	9.9	7.0	2.2	-	-	-	.4	.3*
22	TEXTILE MILL PRODUCTS. . . . .	.7	.6	.6	4	4	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	1.2	1.0	1.0	8	6	(D)	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	52.7	15.0	14.3	30	21	8.9	2.9	6.0	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	257.2	69.8	62.1	72	43	12.4	4.1	(D)	(D)	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS. . .	457.0	36.4	28.4	13	8	16.1	.4	15.6	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . .	8.7	3.9	3.9	14	7	1.1	(D)	(D)	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	.3	.3	.3	4	3	.2	.2	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . . .	20.9	12.9	12.0	22	11	1.1	-	(D)	-	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES	555.8	270.6	286.2	60	34	132.9	(D)	102.9	(D)	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	24.4	10.9	10.3	98	84	2.6	1.8	.8	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	57.2	17.8	16.4	68	43	9.4	(D)	8.6	(D)	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	36.2	7.9	7.5	54	35	1.2	1.2	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	12.4	2.9	2.1	19	15	.5	(D)	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	2.2	1.3	1.3	13	9	.2	.2	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	(D)	(D)	4	3	(D)	-	(D)	-	-	-	-	-
	MICHIGAN.	1764.4	868.9	803.0	432	204	398.3	50.1	329.3	14.6	(D)	-	3.0	(D)
20	FOOD AND KINDRED PRODUCTS. . . .	23.1	(D)	18.4	72	38	3.6	.6	1.7	(D)	(D)	-	1.0	(D)
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	3	-	(D)	-	-	(D)	-	-	-	-
25	FURNITURE AND FIXTURES	1.7	.5	.4	4	3	.1	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	251.7	87.9	84.4	33	6	33.4	6.9	21.1	3.9	-	-	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	233.9	151.2	117.8	32	11	34.7	(D)	(D)	9.6	-	-	.7	-
29	PETROLEUM AND COAL PRODUCTS. . .	80.2	(D)	(D)	2	1	(D)	(D)	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . .	8.3	7.2	6.6	16	5	1.0	.1	.9	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	.6	.6	.6	3	1	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . . .	34.5	30.3	29.9	12	5	5.0	.3	4.2	-	-	-	(D)	(D)
33	PRIMARY METAL INDUSTRIES	569.4	451.7	427.6	65	28	299.3	(D)	(D)	.2	-	-	.1	-
34	FABRICATED METAL PRODUCTS. . . .	42.1	11.7	11.3	70	50	2.6	1.8	.7	.1	-	-	.1	-
35	MACHINERY, EXCEPT ELECTRICAL . .	23.5	8.9	8.7	39	18	.7	.2	.5	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	9.7	4.7	4.1	15	6	.8	.5	.3	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	479.6	60.8	57.5	63	30	15.4	7.6	7.8	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
	WISCONSIN	611.5	260.3	244.2	363	172	100.4	5.5	87.9	2.5	(D)	(D)	1.9	(D)
20	FOOD AND KINDRED PRODUCTS. . . .	60.8	32.3	30.0	107	45	5.9	2.8	1.7	.1	(D)	-	1.1	(D)
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	3	2	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	5	3	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	.2	.2	.2	3	3	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	417.3	178.0	168.3	46	7	81.6	(D)	78.4	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	14.6	11.2	10.1	13	7	(D)	-	(D)	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	(D)	(D)	-	11	(D)	(D)	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . .	5.5	2.9	2.5	17	11	(D)	(D)	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	2.0	1.7	1.7	10	9	.9	.9	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . . .	6.8	3.5	3.4	7	2	.4	-	.4	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	16.2	7.1	6.2	29	13	1.9	.2	.4	1.4	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	9.6	5.3	5.1	45	30	1.3	(D)	.4	-	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL . .	10.9	7.0	6.4	36	19	1.1	-	1.0	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	15.0	4.0	3.9	22	16	.7	.5	.2	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	38.8	4.6	4.4	11	6	(D)	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	1.2	.3	.3	4	2	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	2.3	1.1	1.1	5	-	(D)	-	(D)	-	-	-	-	-
	WEST NORTH CENTRAL DIVISION	1634.7	385.6	348.8	613	357	136.1	30.0	100.7	2.4	-	-	2.4	.6
	MINNESOTA	246.7	90.2	83.5	176	97	33.8	6.4	25.0	(D)	-	-	1.4	(D)
20	FOOD AND KINDRED PRODUCTS. . . .	44.6	25.4	23.2	97	51	9.7	6.1	1.7	0.5	-	-	1.4	-
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	2	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	87.1	43.6	42.0	10	2	15.6	-	(D)	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	8.2	2.6	2.6	4	1	(D)	-	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	70.9	2.8	1.7	5	4	1.7	-	1.7	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . .	.2	.1	.1	5	4	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	(D)	1	1	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . . .	.6	.5	.5	2	-	(D)	-	-	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES	15.3	1.3	1.0	12	9	.3	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	8.5	8.2	7.3	15	12	(D)	-	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	4.5	(D)	(D)	12	8	(D)	-	-	(D)	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	1.2	1.2	1.2	7	5	(D)	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	3	1	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	(D)	.3	3	1	-	-	-	-	-	-	-	-
	IOWA.	237.9	136.6	125.2	126	66	45.8	11.4	33.5	(D)	-	-	(D)	0.1
20	FOOD AND KINDRED PRODUCTS. . . .	84.7	56.6	53.5	67	36	15.3	10.8	3.8	(D)	-	-	(D)	.1
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	3.8	1.1	1.1	2	-	.8	(D)	.6	-	-	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . . .	81.3	31.3	29.2	5	1	(D)	-	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	11.3	7.1	6.7	5	1	1.6	-	1.6	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . . .	2.0	1.9	1.8	5	3	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	5	3	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	2.8	1.9	1.9	9	6	.2	-	.2	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	27.2	(D)	(D)	14	8	(D)	-	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	4.3	1.1	1.1	7	5	(D)	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	2	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	(D)	(D)	2	-	-	-	-	-	-	-	-	-
	MISSOURI.	714.9	89.9	81.4	173	119	32.9	5.0	27.5	-	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . . .	73.2	19.8	18.0	68	53	2.5	2.1	.4	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	-	1	1	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Trans- ferred to other users
	EAST NORTH CENTRAL DIV.--CON.								
	ILLINOIS.	296.9	61.4	166.3	(D)	(D)	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS.	36.8	19.2	13.7	2.8	(D)	-	0.5	(D)
22	TEXTILE MILL PRODUCTS. . . . .	.5	.5	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(D)	(D)	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	(D)	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	5.4	2.2	2.3	(D)	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS.	49.7	8.3	40.3	.1	0.6	-	.5	-
29	PETROLEUM AND COAL PRODUCTS.	12.3	.5	8.7	-	-	-	3.0	-
30	RUBBER, MISC. PLASTICS PROD.	2.9	.6	1.8	(D)	(D)	-	(D)	-
31	LEATHER AND LEATHER PRODUCTS.	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	10.9	(D)	(D)	.1	-	-	.2	-
33	PRIMARY METAL INDUSTRIES.	153.3	(D)	85.9	(D)	-	-	.1	-
34	FABRICATED METAL PRODUCTS.	7.7	6.6	(D)	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	7.1	5.1	1.5	.4	-	-	.1	-
36	ELECTRIC, ELECTRONIC EQUIP.	6.3	5.2	.9	(D)	-	-	(D)	-
37	TRANSPORTATION EQUIPMENT.	1.6	1.4	.2	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	1.1	1.0	.1	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	(D)	(D)	-	-	-	-	-	-
	MICHIGAN.	404.7	80.7	261.6	47.6	7.1	-	6.5	1.2
20	FOOD AND KINDRED PRODUCTS.	14.7	9.7	3.4	(D)	(D)	-	1.0	-
22	TEXTILE MILL PRODUCTS.	(D)	(D)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(D)	-	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES. . . . .	.4	.4	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	51.0	8.7	29.2	(D)	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	83.1	2.9	65.5	13.3	-	-	.5	1.0
29	PETROLEUM AND COAL PRODUCTS.	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	5.7	.9	3.4	(D)	(D)	-	.1	-
31	LEATHER AND LEATHER PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	24.9	.7	(D)	(D)	(D)	-	.3	(D)
33	PRIMARY METAL INDUSTRIES.	128.3	(D)	112.4	(D)	-	-	(D)	(D)
34	FABRICATED METAL PRODUCTS.	6.6	7.8	.6	-	-	-	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL.	7.9	5.3	2.3	.2	-	-	.1	-
36	ELECTRIC, ELECTRONIC EQUIP.	3.3	1.4	1.9	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT.	42.1	31.7	(D)	-	-	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS.	(D)	(D)	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	(D)	(D)	-	-	-	-	-	-
	WISCONSIN.	143.9	35.8	104.0	2.5	-	-	1.1	.5
20	FOOD AND KINDRED PRODUCTS.	24.1	10.7	12.3	(D)	-	-	(D)	(D)
22	TEXTILE MILL PRODUCTS.	(D)	-	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES. . . . .	.1	.1	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	86.7	5.5	79.8	(D)	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	-	-	-	(D)	-
31	LEATHER AND LEATHER PRODUCTS. . . . .	.8	.8	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	2.9	(D)	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES.	4.3	2.5	.7	1.0	-	-	-	-
34	FABRICATED METAL PRODUCTS.	3.7	3.4	.3	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	5.3	4.0	1.3	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	3.2	3.0	.2	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT.	(D)	(D)	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. . . . .	.3	.2	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	(D)	(D)	(D)	-	-	-	-	-
	WEST NORTH CENTRAL DIVISION	212.8	56.4	146.6	4.7	(D)	-	2.4	(D)
	MINNESOTA.	49.7	20.8	27.7	(D)	-	-	.6	(D)
20	FOOD AND KINDRED PRODUCTS.	13.5	6.6	6.2	.2	-	-	(D)	(D)
22	TEXTILE MILL PRODUCTS.	(D)	(D)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(D)	(D)	(D)	(D)	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	26.5	7.7	18.7	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . . .	.1	.1	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS.	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	(D)	-	(D)	-	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES. . . . .	.7	.7	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	(D)	(D)	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	(D)	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT.	(D)	(D)	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . . . .	.3	(D)	-	(D)	-	-	-	-
	IOWA.	79.4	8.9	67.1	(D)	(D)	-	.3	.1
20	FOOD AND KINDRED PRODUCTS.	38.2	(D)	33.1	(D)	-	-	-	.1
24	LUMBER AND WOOD PRODUCTS.	(D)	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . . .	.3	-	(D)	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	(D)	-	(D)	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS.	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	5.1	.2	4.8	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS.	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	1.7	.1	.7	.9	.1	-	-	-
33	PRIMARY METAL INDUSTRIES.	(D)	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	1.6	.8	.9	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL.	(D)	(D)	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	(D)	(D)	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	(D)	(D)	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	(D)	-	-	-	-	-	-	-
	MISSOURI.	48.5	17.5	29.6	(D)	-	-	.4	(D)
20	FOOD AND KINDRED PRODUCTS.	15.4	8.0	7.3	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
	WEST NORTH CENTRAL DIV.--CON.													
	MISSOURI--CONTINUED													
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	5.5	0.6	0.5	7	6	(D)	(D)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	110.3	29.6	27.3	20	11	8.6	(D)	(D)	-	-	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)	1	1	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	8.0	5.4	4.5	6	4	3.1	(D)	2.7	-	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES	(D)	17.3	16.4	13	8	(D)	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS.	11.4	3.6	3.4	13	9	.9	(D)	.5	-	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	1.4	1.4	13	9	.1	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	(D)	1.6	1.3	15	10	.4	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	95.2	4.6	3.5	10	3	.9	(D)	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
	NORTH DAKOTA.	19.9	2.2	1.7	5	5	(D)	(D)	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	3.6	1.3	1.2	4	4	(D)	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
	SOUTH DAKOTA.	4.3	1.9	1.9	9	6	(D)	(D)	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	4.3	1.9	1.9	9	6	(D)	(D)	-	-	-	-	-	-
	NEBRASKA.	96.3	26.6	24.6	56	31	7.1	3.3	3.5	-	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS.	22.7	12.2	11.6	38	22	5.2	(D)	(D)	-	-	-	-	(D)
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	64.2	9.6	8.6	2	1	(D)	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	1.0	1.0	1.0	2	-	.1	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . . . .	.6	.5	.4	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	1.5	.3	.3	3	2	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	.3	.3	.3	2	1	(D)	-	-	-	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	2.1	.3	.3	3	2	(D)	-	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	.4	.4	.4	3	1	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
	KANSAS.	314.8	38.2	30.7	68	33	13.7	1.8	10.3	1.3	-	-	0.3	-
20	FOOD AND KINDRED PRODUCTS.	12.6	7.6	7.2	31	18	3.7	.8	1.5	(D)	-	-	(D)	-
26	PAPER AND ALLIED PRODUCTS.	(D)	(D)	(D)	1	1	(D)	-	(D)	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS.	82.1	12.4	10.2	7	2	4.1	-	(D)	-	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS.	169.4	7.9	4.7	3	1	3.5	(D)	3.3	(D)	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	3.6	1.8	1.8	2	1	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	18.1	3.1	2.3	4	1	(D)	(D)	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	1	-	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	.8	.8	.8	5	2	.1	-	(D)	-	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL	1.6	.8	.8	5	3	(D)	(D)	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . . . .	.6	.2	.2	3	3	(D)	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	1.9	1.5	6	1	.2	(D)	(D)	-	-	-	-	-
	SOUTH ATLANTIC DIVISION	6153.6	2287.5	2138.3	1054	558	926.7	35.8	624.6	15.1	232.1	.7	7.5	10.8
	DELAWARE.	318.6	184.6	182.6	28	5	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS.	8.1	3.0	2.8	7	1	1.8	.1	1.4	-	-	-	(D)	(D)
26	PAPER AND ALLIED PRODUCTS.	1.2	.9	.8	2	1	(D)	-	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	115.6	43.4	42.0	6	-	2.1	.7	.6	(D)	(D)	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	3.5	2.6	2.6	5	-	(D)	(D)	(D)	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	2	-	(D)	-	(D)	-	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT	28.4	1.3	1.2	3	1	(D)	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
	MARYLAND.	555.7	372.3	341.9	95	41	119.6	10.2	(D)	(D)	2.4	-	.2	(D)
20	FOOD AND KINDRED PRODUCTS.	16.4	13.2	12.5	34	18	1.9	.8	.6	-	(D)	-	.2	(D)
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	35.4	(D)	(D)	2	1	(D)	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	65.5	30.5	29.3	13	2	4.3	.3	2.1	-	1.9	-	-	-
29	PETROLEUM AND COAL PRODUCTS.	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	1.2	1.0	1.0	5	2	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS.	3.6	2.2	1.9	5	3	(D)	-	(D)	-	(D)	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	11	3	(D)	(D)	(D)	(D)	(D)	-	-	-
34	FABRICATED METAL PRODUCTS. . . . .	.7	.5	.5	7	3	.1	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	1.5	.5	.5	4	2	(D)	-	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	7.8	1.0	.9	8	8	.2	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	23.8	2.9	2.8	4	-	(D)	(D)	(D)	-	-	-	-	-
	DIST. OF COL. . . . .	.8	.2	.2	4	4	-	-	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS.	(D)	(D)	.1	3	3	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	-	1	1	-	-	-	-	-	-	-	-
	VIRGINIA.	862.7	306.5	283.2	122	52	60.9	4.3	51.9	2.5	1.7	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS.	20.9	6.8	6.0	33	22	3.5	1.3	2.2	-	-	-	-	-
21	TOBACCO PRODUCTS	19.3	1.6	1.4	4	4	(D)	-	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	21.0	13.3	11.9	19	11	(D)	(D)	(D)	(D)	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Trans- ferred to other users
	WEST NORTH CENTRAL DIV.--CON.								
	MISSOURI--CONTINUED								
25	FURNITURE AND FIXTURES	(D)	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	18.6	2.0	16.4	0.1	-	-	0.1	-
29	PETROLEUM AND COAL PRODUCTS. .	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. .	(D)	(D)	-	(D)	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS .	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	1.3	.2	.9	-	-	-	.3	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	2.5	1.7	.8	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	1.3	1.2	.1	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	.9	.8	.2	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	2.6	1.4	1.0	(D)	-	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS.	(D)	-	(D)	-	-	-	-	-
	NORTH DAKOTA.	(D)	(D)	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	-	-	-	-	-	-	-	-
	SOUTH DAKOTA.	(D)	(D)	-	-	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	-	-	-	-	(D)	(D)
	NEBRASKA.	17.4	3.6	13.3	-	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	6.3	2.7	(D)	-	-	-	(D)	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. .	1.0	.2	(D)	-	-	-	(D)	(D)
32	STONE, CLAY, GLASS PRODUCTS. .	.4	-	.4	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	.3	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	(D)	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	(D)	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	.4	.1	.3	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	(D)	(D)	-	-	-	-	-	-
	KANSAS.	17.0	5.1	8.8	2.0	(D)	-	.8	(D)
20	FOOD AND KINDRED PRODUCTS. . .	3.5	1.2	1.3	(D)	-	-	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	6.1	(D)	4.1	-	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS. .	1.2	(D)	(D)	.9	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. .	(D)	(D)	(D)	-	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	.6	(D)	-	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	(D)	(D)	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	(D)	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	1.2	(D)	.7	(D)	-	-	-	-
	SOUTH ATLANTIC DIVISION	1210.4	102.6	890.4	12.6	173.9	8.8	8.0	10.8
	DELAWARE.	(D)	(D)	(D)	-	(D)	(D)	-	-
20	FOOD AND KINDRED PRODUCTS. . .	1.0	.2	.9	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	39.9	.1	30.8	-	(D)	(D)	-	-
29	PETROLEUM AND COAL PRODUCTS. .	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. .	(D)	(D)	(D)	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS .	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	-	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	-	-	-	-	-	-	-	-
	MARYLAND.	222.3	7.2	197.9	.2	15.8	-	.4	.8
20	FOOD AND KINDRED PRODUCTS. . .	10.6	3.3	.9	.1	(D)	-	.3	(D)
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	-	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	25.0	(D)	16.0	-	8.3	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS. .	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. .	1.0	(D)	.8	-	(D)	-	-	-
31	LEATHER AND LEATHER PRODUCTS .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	(D)	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	-	(D)	-	-	-
34	FABRICATED METAL PRODUCTS. . .	.4	.2	.2	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	(D)	(D)	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	.7	(D)	-	-	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	-	(D)	-	-	(D)
	DIST. OF COL. . . . .	.2	.2	-	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	.1	.1	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-
	VIRGINIA.	222.3	30.3	142.3	(D)	48.8	-	.6	(D)
20	FOOD AND KINDRED PRODUCTS. . .	2.5	1.4	1.1	-	-	-	-	-
21	TOBACCO PRODUCTS	(D)	(D)	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	(D)	-	-	(D)	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Gross water used, including recir- culated	Water intake	Water discharged	Number of establishments--		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
SOUTH ATLANTIC DIVISION--CON.														
VIRGINIA--CONTINUED														
24	LUMBER AND WOOD PRODUCTS . . .	1.7	0.8	0.6	3	1	(D)	-	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES . . .	1.5	1.5	1.5	3	2	(D)	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	347.1	70.2	63.7	8	1	26.5	-	(D)	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS . . .	344.2	138.5	136.1	10	1	16.9	(D)	13.7	-	(D)	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS . . .	(D)	(D)	(D)	-	-	(D)	-	-	-	(D)	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	49.8	20.7	19.1	7	-	5.9	-	5.9	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	3.0	1.3	.7	5	2	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	6	1	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	.9	.2	(D)	3	1	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	1.5	.2	.2	3	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	2.5	1.4	1.4	11	6	.7	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	13.3	11.7	11.6	6	-	.2	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
WEST VIRGINIA . . .														
20	FOOD AND KINDRED PRODUCTS . . .	749.3	533.7	511.8	40	15	175.8	(D)	169.9	-	-	-	0.1	(D)
22	TEXTILE MILL PRODUCTS . . .	.2	.2	.2	3	2	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	1.2	.1	.1	2	2	(D)	(D)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . .	439.8	345.8	330.2	6	1	88.8	(D)	83.7	-	-	-	.1	(D)
29	PETROLEUM AND COAL PRODUCTS . . .	23.2	(D)	(D)	2	-	(D)	-	(D)	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	12.8	1.9	1.6	13	4	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	269.4	171.0	165.8	7	2	(D)	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	.7	.6	.6	4	2	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	2	2	(D)	(D)	-	-	-	-	-	-
NORTH CAROLINA . . .														
20	FOOD AND KINDRED PRODUCTS . . .	792.3	190.4	175.0	312	201	(D)	(D)	(D)	(D)	-	-	(D)	(D)
22	TEXTILE MILL PRODUCTS . . .	12.0	5.5	4.8	38	26	2.2	1.4	.2	-	-	-	.5	-
24	LUMBER AND WOOD PRODUCTS . . .	68.7	2.3	1.6	6	3	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	135.1	46.3	41.8	180	132	16.0	7.2	8.2	(D)	-	-	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS . . .	1.0	.7	.4	5	-	.2	-	.2	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	.9	.5	.6	8	4	(D)	(D)	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	307.8	91.5	89.9	6	2	55.8	-	55.8	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . . .	220.0	21.4	15.4	14	8	8.5	.2	8.3	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	10.0	5.9	5.8	7	1	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	1	1	(D)	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	4.4	1.6	1.3	6	4	.4	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	4.1	1.3	.4	4	2	(D)	-	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	.7	.4	.4	3	1	-	-	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	14.9	3.0	2.8	19	10	.9	(D)	.5	(D)	-	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	5.9	(D)	(D)	2	1	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . .	6.5	1.2	1.0	4	2	.7	.1	.7	-	-	-	-	-
SOUTH CAROLINA . . .														
20	FOOD AND KINDRED PRODUCTS . . .	611.7	146.4	134.9	162	83	81.3	(D)	49.0	1.9	26.2	-	2.2	(D)
22	TEXTILE MILL PRODUCTS . . .	3.8	2.3	2.1	16	13	1.2	(D)	.3	.2	-	-	(D)	-
24	LUMBER AND WOOD PRODUCTS . . .	101.0	42.3	37.4	94	47	25.2	.8	22.5	1.7	-	-	(D)	(D)
26	PAPER AND ALLIED PRODUCTS . . .	.5	.4	.3	1	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	281.3	55.7	52.5	4	1	(D)	(D)	(D)	-	(D)	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	145.5	33.6	32.0	10	6	5.4	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	(D)	(D)	(D)	1	-	(D)	-	-	-	(D)	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	12.4	2.8	2.7	3	2	.6	-	.6	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	(D)	1.4	.7	5	3	(D)	(D)	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	10.5	2.6	2.3	6	2	(D)	-	-	(D)	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	1.0	.4	.4	3	-	.3	-	.3	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	20.1	2.1	2.0	9	3	.4	.2	.2	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	4.3	(D)	1.9	7	4	.7	-	.6	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
GEORGIA . . .														
20	FOOD AND KINDRED PRODUCTS . . .	1009.8	262.4	243.5	202	122	131.7	5.7	85.4	.3	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS . . .	18.2	9.2	8.4	46	31	3.0	1.4	(D)	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	62.0	26.9	23.4	75	51	8.6	3.0	5.5	(D)	-	-	.1	(D)
26	PAPER AND ALLIED PRODUCTS . . .	.9	.3	.2	2	1	(D)	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	700.2	182.8	171.7	22	13	111.1	(D)	71.1	-	(D)	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	132.8	35.5	33.0	12	4	5.6	-	(D)	-	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS . . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	2.7	.9	.9	8	3	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	25.7	1.4	1.0	7	4	.3	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	16.2	1.8	1.7	5	2	.8	(D)	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	.3	.2	.2	4	3	(D)	-	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	1.1	.5	.5	7	4	.3	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . .	(D)	2.3	2.2	7	3	1.5	(D)	(D)	-	-	-	-	-
FLORIDA . . .														
20	FOOD AND KINDRED PRODUCTS . . .	1252.7	290.9	265.2	89	35	128.1	1.4	80.4	2.8	34.0	-	3.9	5.6
22	TEXTILE MILL PRODUCTS . . .	133.9	52.9	51.5	45	23	28.1	.6	17.8	(D)	.4	-	2.0	(D)
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	(D)	(D)	(D)	3	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . . .	488.8	130.7	124.3	3	1	65.5	-	39.3	-	26.2	-	-	-
29	PETROLEUM AND COAL PRODUCTS . . .	588.5	92.0	77.0	5	1	32.6	(D)	23.0	-	7.3	-	1.7	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	2.8	2.3	2.3	5	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	12.3	7.9	5.5	8	2	.8	(D)	.2	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES . . .	5.7	.7	.7	3	1	(D)	(D)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . .	1.1	.7	.7	6	3	.3	-	.3	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	14.5	1.4	1.3	7	2	.4	(D)	.2	-	-	-	(D)	-
37	TRANSPORTATION EQUIPMENT . . .	1.9	1.8	1.4	3	-	(D)	-	-	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . . .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	(D)	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Water untreated, by point of discharge						
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)
	SOUTH ATLANTIC DIVISION--CON.							
	VIRGINIA--CONTINUED							
24	LUMBER AND WOOD PRODUCTS	(D)	-	(D)	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	37.2	(D)	(D)	-	(D)	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS	119.2	(D)	(D)	-	(D)	-	-
29	PETROLEUM AND COAL PRODUCTS	(D)	-	-	-	(D)	-	-
30	RUBBER, MISC. PLASTICS PROD.	13.1	(D)	12.7	-	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS . . . . .	.7	(D)	.5	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	(D)	-	-	-
34	FABRICATED METAL PRODUCTS	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.2	0.1	.1	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . . . .	.7	.4	(D)	-	-	-	(D)
37	TRANSPORTATION EQUIPMENT	11.4	.6	(D)	-	(D)	-	-
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-
	WEST VIRGINIA	336.0	1.4	333.2	(D)	-	-	(D)
20	FOOD AND KINDRED PRODUCTS . . . . .	.1	.1	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	241.4	-	240.5	(D)	-	-	(D)
29	PETROLEUM AND COAL PRODUCTS	(D)	-	(D)	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	(D)	(D)	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	.6	.2	.4	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	(D)	-	(D)	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	-	-	-	-	-
	NORTH CAROLINA	(D)	(D)	(D)	(D)	(D)	-	(D)
20	FOOD AND KINDRED PRODUCTS	2.6	2.3	.3	-	-	-	-
21	TOBACCO PRODUCTS	1.6	1.4	.2	-	-	-	-
22	TEXTILE MILL PRODUCTS	25.8	24.0	(D)	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	.2	-	.1	-	-	-	0.1
25	FURNITURE AND FIXTURES	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	34.1	.1	33.6	(D)	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS	6.9	.4	5.6	(D)	(D)	-	.2
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	-	(D)	-	-
31	LEATHER AND LEATHER PRODUCTS	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . . . .	.9	.2	.8	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	.3	.2	.1	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)	(D)	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	1.9	(D)	1.2	(D)	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS . . . . .	.2	.2	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	-	-	-	-	-	-
	SOUTH CAROLINA	53.6	10.7	41.3	.5	(D)	-	(D)
20	FOOD AND KINDRED PRODUCTS . . . . .	.9	(D)	(D)	(D)	-	-	(D)
22	TEXTILE MILL PRODUCTS	12.1	7.7	(D)	(D)	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . . . .	.3	-	-	-	-	-	(D)
25	FURNITURE AND FIXTURES	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	26.6	(D)	26.0	-	(D)	-	-
29	PETROLEUM AND COAL PRODUCTS	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	2.1	.1	2.0	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	(D)	-	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	.1	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	1.6	1.5	.1	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	1.3	.2	1.0	-	-	-	-
37	TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-
	GEORGIA	110.6	16.5	70.9	.7	12.2	(D)	1.6
20	FOOD AND KINDRED PRODUCTS	5.1	2.2	1.7	(D)	.1	-	(D)
22	TEXTILE MILL PRODUCTS	14.8	10.8	3.6	.3	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	-	(D)	-	-	-	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	59.7	(D)	48.2	(D)	(D)	-	2.2
28	CHEMICALS AND ALLIED PRODUCTS	27.4	.6	15.5	-	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	(D)	-	-	(D)
32	STONE, CLAY, GLASS PRODUCTS . . . . .	.6	.2	.4	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . . . .	.8	.1	.7	-	-	-	-
34	FABRICATED METAL PRODUCTS	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . . . .	.2	.2	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	.8	.5	.2	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.2	.2	-	-	-	-	-
	FLORIDA	141.8	4.6	20.1	8.9	87.5	(D)	6.6
20	FOOD AND KINDRED PRODUCTS	28.1	3.0	(D)	5.7	(D)	-	2.9
22	TEXTILE MILL PRODUCTS	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	-	-	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS	58.8	.1	(D)	-	57.5	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS	44.4	.1	(D)	-	(D)	-	1.4
30	RUBBER, MISC. PLASTICS PROD.	2.3	.1	(D)	(D)	-	-	.1
32	STONE, CLAY, GLASS PRODUCTS	4.7	.1	.4	(D)	(D)	-	.2
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	-	-	-	(D)
34	FABRICATED METAL PRODUCTS . . . . .	.4	.2	(D)	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL	(D)	-	-	-	-	-	(D)
36	ELECTRIC, ELECTRONIC EQUIP . . . . .	.9	.4	-	(D)	-	-	(D)
37	TRANSPORTATION EQUIPMENT	(D)	.4	-	(D)	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments--		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
	EAST SOUTH CENTRAL DIVISION	3391.5	1077.2	1001.2	548	276	372.4	(D)	323.9	1.8	(D)	2.2	2.3	-
	KENTUCKY	703.8	126.3	108.3	128	77	30.8	9.3	21.2	-	-	-	.2	-
20	FOOD AND KINDRED PRODUCTS	15.2	8.1	7.3	33	24	2.0	1.6	.4	-	-	-	-	-
21	TOBACCO PRODUCTS	10.3	.8	.6	3	3	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	.2	.2	.1	3	3	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	.1	.1	.1	3	2	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	41.2	12.5	11.8	2	2	11.7	-	11.6	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	279.0	61.2	54.6	10	6	8.7	3.9	4.7	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	1	-	(D)	-	(D)	-	-	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD.	76.2	(D)	(D)	6	4	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	8.7	4.6	4.5	6	2	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	156.5	20.7	14.5	9	4	2.3	.3	1.9	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	8.5	5.5	4.9	15	8	.8	.7	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	13.7	2.1	2.0	11	7	.8	.4	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	13.0	3.8	3.4	21	11	1.9	(D)	-	-	-	-	(D)	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	.8	4	1	.3	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
	TENNESSEE	1 021.8	427.3	406.7	195	101	116.4	9.0	106.4	.7	-	-	.1	-
20	FOOD AND KINDRED PRODUCTS	23.2	9.0	7.9	47	32	2.3	1.9	.2	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	14.4	4.9	4.7	28	18	2.5	1.4	(D)	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	217.4	49.2	47.5	10	7	29.6	1.4	28.3	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	628.7	303.1	287.7	26	9	42.9	2.6	39.9	.3	-	-	.1	-
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	11.1	4.1	4.0	11	1	.3	-	.2	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS	.4	.4	.4	2	2	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	32.6	11.9	11.6	11	3	1.4	0.4	1.0	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	74.8	37.8	36.4	13	4	34.4	-	34.4	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	2.1	1.2	1.2	12	7	.5	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	1.9	1.4	1.4	8	3	.3	-	(D)	(D)	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	3.0	1.4	1.4	16	8	.7	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	2.6	2.3	2.2	7	5	1.0	1.0	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
	ALABAMA	1190.0	396.3	370.6	152	65	175.8	(D)	151.7	(D)	(D)	-	1.3	-
20	FOOD AND KINDRED PRODUCTS	6.8	6.0	5.7	34	25	2.3	.7	1.5	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	46.2	7.8	6.6	35	17	2.8	(D)	2.0	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	6.7	(D)	(D)	4	1	(D)	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	555.6	184.6	175.3	5	-	129.0	-	(D)	-	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	182.3	109.3	107.4	7	1	9.1	(D)	8.4	-	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS	6.1	1.1	1.0	3	-	.5	-	.5	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	13.1	8.6	7.6	6	2	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	4.0	2.6	2.1	7	2	.3	-	.3	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	357.1	65.5	55.0	23	2	31.0	(D)	(D)	-	-	-	(D)	-
34	FABRICATED METAL PRODUCTS	2.4	1.7	1.7	10	4	.1	.1	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)	4	2	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	6.9	1.0	.8	6	6	.2	.2	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	2.1	(D)	(D)	6	2	(D)	(D)	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
	MISSISSIPPI	475.8	127.2	115.6	73	33	49.4	1.1	44.6	(D)	(D)	(D)	.7	-
20	FOOD AND KINDRED PRODUCTS	7.6	5.9	4.8	24	13	1.8	(D)	.9	(D)	-	-	-	-
22	TEXTILE MILL PRODUCTS	1.6	1.5	1.4	3	3	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	8.0	4.4	2.7	6	3	(D)	-	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES	.6	.4	.3	3	-	(D)	-	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	165.7	49.5	48.4	2	-	32.2	-	32.2	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	169.1	46.6	42.1	7	3	8.6	-	8.0	-	(D)	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	(D)	(D)	-
30	RUBBER, MISC. PLASTICS PROD.	3.1	1.1	1.0	4	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	9.0	8.1	7.6	6	2	.5	(D)	-	-	-	(D)	.1	-
33	PRIMARY METAL INDUSTRIES	1.3	.4	.3	3	2	(D)	(D)	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	.7	.7	.7	4	2	(D)	-	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	.2	.2	.2	3	1	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	.9	.8	.8	7	4	.1	-	(D)	-	-	(D)	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	1	-	(D)	-	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	-	-	-	-	-	-	-	-	-	-	-	-
	WEST SOUTH CENTRAL DIVISION	12336.6	3128.6	2945.9	499	290	1671.6	26.6	585.1	103.1	902.5	(D)	(D)	37.6
	ARKANSAS	232.5	81.9	73.5	99	48	55.1	2.5	48.7	(D)	-	-	3.1	(D)
20	FOOD AND KINDRED PRODUCTS	15.6	9.0	8.0	47	36	2.8	2.2	.5	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	2.1	1.6	1.5	3	3	(D)	(D)	(D)	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	6.3	5.7	2.4	6	-	(D)	-	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES	.3	.3	.3	3	1	(D)	-	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	159.8	48.2	46.7	4	1	(D)	-	(D)	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS	23.8	10.8	9.2	3	1	(D)	-	(D)	-	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS	7.0	.3	.2	1	-	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	4.8	1.0	.8	9	1	.2	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	2.2	.4	.2	1	-	.2	-	(D)	-	-	(D)	-	-
33	PRIMARY METAL INDUSTRIES	7.0	2.4	1.9	2	1	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	1.1	1.0	1.0	6	1	.3	-	.3	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	1.3	.7	.7	8	1	.1	-	.1	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	2	-	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
	LOUISIANA	3381.1	1349.8	1299.3	71	35	466.0	(D)	398.3	17.0	7.5	-	7.3	(D)
20	FOOD AND KINDRED PRODUCTS	63.2	45.1	42.1	28	15	25.8	(D)	15.0	(D)	-	-	(D)	-
22	TEXTILE MILL PRODUCTS	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	2.2	1.5	1.3	6	1	(D)	-	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	263.5	95.8	91.0	7	2	78.7	(D)	66.9	(D)	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS	1678.4	829.6	798.9	8	3	240.6	-	206.7	-	(D)	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS	1223.4	246.8	236.0	3	1	119.1	-	108.1	-	(D)	-	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
	EAST SOUTH CENTRAL DIVISION	628.4	57.3	520.2	18.2	(D)	(D)	1.7	0.9
	KENTUCKY	77.5	11.7	65.0	.3	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS	5.3	1.9	3.1	.2	-	-	-	-
21	TOBACCO PRODUCTS . . . . .	.6	.6	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS . . . . .	.1	.1	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	.1	.1	-	-	-	-	(D)	-
26	PAPER AND ALLIED PRODUCTS . . . . .	.2	(D)	-	-	-	-	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS	45.9	1.7	43.9	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	(D)	(D)	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	12.2	.3	12.0	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	4.1	3.9	.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	1.2	.5	.7	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	1.6	1.0	.5	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	.5	.4	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-	-
	TENNESSEE	290.6	13.7	272.6	(D)	0.2	-	.5	(D)
20	FOOD AND KINDRED PRODUCTS	5.6	(D)	2.7	-	-	-	(D)	-
22	TEXTILE MILL PRODUCTS	2.2	1.6	(D)	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	17.9	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	245.0	1.7	241.9	(D)	-	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	3.7	(D)	2.9	-	(D)	-	-	-
31	LEATHER AND LEATHER PRODUCTS	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	10.2	(D)	7.8	1.7	(D)	-	-	-
33	PRIMARY METAL INDUSTRIES	2.0	.4	1.6	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	.7	.6	.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	1.0	.3	(D)	(D)	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . . .	.7	.6	.1	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	1.1	.5	.6	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-	-
	ALABAMA	194.8	13.5	159.3	14.9	(D)	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS	3.4	2.9	.2	.3	-	-	-	-
22	TEXTILE MILL PRODUCTS	3.8	1.5	2.3	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	-	(D)	(D)	-	-	(D)	-
26	PAPER AND ALLIED PRODUCTS	46.2	(D)	39.9	-	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	98.3	(D)	93.3	-	-	-	.1	(D)
29	PETROLEUM AND COAL PRODUCTS . . . . .	.5	-	.5	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	(D)	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	1.8	.1	1.4	(D)	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES	24.0	1.4	14.3	(D)	-	-	(D)	-
34	FABRICATED METAL PRODUCTS	1.5	.9	(D)	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . . .	.6	.5	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	(D)	(D)	-	-	-	-	-	-
	MISSISSIPPI	65.4	18.5	23.3	(D)	(D)	(D)	.1	-
20	FOOD AND KINDRED PRODUCTS	3.0	1.6	1.3	-	-	-	-	-
22	TEXTILE MILL PRODUCTS	1.4	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	-	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	16.2	(D)	(D)	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS	33.6	(D)	10.7	-	(D)	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	1.0	-	1.0	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	7.1	(D)	.6	(D)	(D)	(D)	-	-
33	PRIMARY METAL INDUSTRIES	(D)	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	(D)	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.2	.1	.1	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . . .	.6	.4	.2	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-	-
	WEST SOUTH CENTRAL DIVISION	1274.2	25.9	951.3	61.0	195.0	.9	10.5	28.8
	ARKANSAS	18.0	7.5	6.9	(D)	-	-	(D)	.3
20	FOOD AND KINDRED PRODUCTS	4.8	3.4	(D)	(D)	-	-	-	-
22	TEXTILE MILL PRODUCTS	(D)	(D)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	(D)	-	-	(D)	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	(D)	(D)	-	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)	(D)	-	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS	(D)	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . . . .	.6	.1	.5	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	.7	.1	.6	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	(D)	-	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . . .	.6	.2	.4	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	-	-	-	-	-	-	-	-
	LOUISIANA	833.3	4.1	755.9	(D)	9.4	(D)	2.2	16.9
20	FOOD AND KINDRED PRODUCTS	16.3	2.1	13.1	.1	-	(D)	(D)	.5
22	TEXTILE MILL PRODUCTS	(D)	(D)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	(D)	-	-	(D)	-
26	PAPER AND ALLIED PRODUCTS	12.3	(D)	11.9	-	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	558.3	.5	544.5	(D)	8.5	-	.4	(D)
29	PETROLEUM AND COAL PRODUCTS	110.9	-	59.2	(D)	(D)	-	.7	(D)
30	RUBBER, MISC. PLASTICS PROD.	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
	WEST SOUTH CENTRAL DIV.--CON.													
	LOUISIANA--CONTINUED													
32	STONE, CLAY, GLASS PRODUCTS. . .	1.8	1.7	1.4	6	4	0.3	-	(D)	-	(D)	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	(D)	1	1	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	.7	.7	.5	4	2	(D)	-	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	(D)	3	1	-	-	-	-	-	-	-	-
	OKLAHOMA.	270.7	27.2	18.8	59	31	8.3	1.2	6.0	-	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	2.6	2.0	1.8	19	17	1.0	(D)	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . .	(D)	(D)	(D)	1	1	(D)	(D)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	(D)	(D)	2	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	9.2	(D)	2	-	(D)	-	(D)	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	17.0	1.0	.4	1	-	.2	-	(D)	-	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS. .	184.3	9.6	4.5	3	-	4.5	-	4.5	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	19.9	1.9	1.6	7	2	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	4.2	1.0	.7	7	1	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	10.8	.5	.3	3	1	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	.3	.2	.1	3	2	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	1.3	.2	.1	5	3	.1	.1	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	2	-	(D)	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	.5	.5	.3	4	3	(D)	-	(D)	-	-	-	-	-
	TEXAS.	6452.2	1669.8	1554.4	270	176	1142.3	(D)	131.5	(D)	895.1	(D)	5.9	4.9
20	FOOD AND KINDRED PRODUCTS. . .	51.9	21.8	19.3	97	81	5.7	2.0	(D)	0.8	(D)	-	(D)	1.1
22	TEXTILE MILL PRODUCTS. . .	(D)	(D)	(D)	4	4	(D)	(D)	-	-	-	-	(D)	-
24	LUMBER AND WOOD PRODUCTS. . .	9.6	3.0	2.4	6	-	.4	-	.4	-	-	-	-	-
25	FURNITURE AND FIXTURES. . .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	430.9	59.7	55.6	9	7	54.5	(D)	42.4	(D)	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	3270.4	930.1	879.3	30	15	693.7	.6	(D)	(D)	601.8	(D)	3.1	(D)
29	PETROLEUM AND COAL PRODUCTS. .	3120.4	272.6	225.6	17	2	73.7	.3	36.9	-	31.3	-	1.7	3.4
30	RUBBER, MISC. PLASTICS PROD. . .	20.7	1.9	1.2	9	7	.3	.1	-	-	.1	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	22.8	7.1	4.7	22	12	1.2	(D)	.5	-	(D)	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	718.2	350.9	345.7	9	3	309.4	(D)	(D)	-	(D)	-	-	-
34	FABRICATED METAL PRODUCTS. . .	6.4	2.1	1.3	20	16	.7	(D)	-	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL. .	14.9	2.4	1.8	22	15	(D)	(D)	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	2.8	2.4	12	9	1.8	1.4	.4	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	14.6	14.3	8	1	.3	(D)	-	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	1.0	.4	.3	4	3	(D)	(D)	-	-	-	-	-	-
	MOUNTAIN DIVISION	1059.3	208.2	171.1	183	84	83.8	6.0	56.8	12.0	-	-	5.9	3.0
	MONTANA.	89.7	47.9	39.2	14	6	14.2	(D)	9.8	(D)	-	-	(D)	-
20	FOOD AND KINDRED PRODUCTS. . .	5.8	3.0	3.0	8	4	(D)	(D)	(D)	-	-	-	(D)	-
22	TEXTILE MILL PRODUCTS. . .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	(D)	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS. .	6.0	2.5	(D)	1	1	-	-	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	35.8	(D)	(D)	2	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	1.5	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	(D)	2	-	(D)	-	(D)	(D)	-	-	-	-
	IDAHO.	122.7	40.9	38.6	32	11	17.6	1.2	13.0	-	-	-	1.1	2.2
20	FOOD AND KINDRED PRODUCTS. . .	33.9	15.2	14.9	26	11	7.8	1.2	(D)	-	-	-	(D)	2.2
22	TEXTILE MILL PRODUCTS. . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	(D)	(D)	4	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	32.2	6.2	4.2	-	-	(D)	-	-	-	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
	WYOMING.	39.4	5.9	4.8	6	2	(D)	-	(D)	-	-	-	(D)	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	2	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	34.8	3.7	2.8	4	2	(D)	-	(D)	-	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
	COLORADO.	158.4	52.1	43.0	61	27	32.7	1.6	30.4	.5	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	19.9	12.3	12.3	32	14	5.0	1.2	(D)	-	-	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	1	1	-	(D)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	12.1	(D)	.5	4	2	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	21.9	1.0	.6	1	1	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	3	2	(D)	-	-	(D)	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	(D)	(D)	(D)	1	2	(D)	-	-	-	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	1.6	1.5	1.2	5	1	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	(D)	1	-	.4	-	-	(D)	-	-	-	(D)
34	FABRICATED METAL PRODUCTS. . .	.3	.2	.2	2	1	(D)	-	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	.6	.4	.4	6	2	-	-	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	3	1	(D)	(D)	-	-	-	-	-	-
	NEW MEXICO.	10.0	3.6	2.9	11	5	(D)	(D)	-	(D)	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	1.5	1.0	1.0	7	4	(D)	(D)	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	1	-	(D)	-	-	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	4.8	.2	(D)	-	-	(D)	-	-	(D)	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
	WEST SOUTH CENTRAL DIV.--CON.								
	LOUISIANA--CONTINUED								
32	STONE, CLAY, GLASS PRODUCTS. . .	1.2	0.6	0.5	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	(D)	(D)	(D)	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	(D)	(D)	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	-	-	-	-	-
	OKLAHOMA.	10.5	1.8	8.4	0.1	-	-	0.3	-
20	FOOD AND KINDRED PRODUCTS. . .	.8	.8	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	(D)	-	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	(D)	-	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	.2	-	-	-	-	-	.2	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	.1	.1	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	.1	.1	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	(D)	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	-	-	-	-	-	-
	TEXAS	412.4	12.5	180.2	14.7	185.7	(D)	(D)	11.5
20	FOOD AND KINDRED PRODUCTS. . . .	13.7	6.0	5.9	(D)	(D)	-	-	-
22	TEXTILE MILL PRODUCTS.	(D)	(D)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	2.0	.1	(D)	-	-	-	(D)	-
25	FURNITURE AND FIXTURES	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	1.0	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	185.9	2.0	19.7	(D)	157.3	(D)	2.5	2.8
29	PETROLEUM AND COAL PRODUCTS. . .	151.9	.4	(D)	(D)	(D)	-	(D)	6.6
30	RUBBER, MISC. PLASTICS PROD. . .	.9	.2	(D)	-	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	3.5	(D)	.6	.9	-	-	1.2	(D)
33	PRIMARY METAL INDUSTRIES	36.3	(D)	34.2	(D)	(D)	-	.1	1.6
34	FABRICATED METAL PRODUCTS. . . .	.6	.5	.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	(D)	(D)	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	.6	.6	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	13.9	.5	.4	(D)	(D)	(D)	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	-	-	-	-	-	-	-
	MOUNTAIN DIVISION	87.3	10.3	41.1	15.9	.9	-	8.9	10.2
	MONTANA	25.0	(D)	16.9	7.4	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . . .	(D)	(D)	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(D)	-	-	-	-	-	(D)	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	-	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	-	(D)	-	-	-	-	(D)
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	-	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	-	(D)	(D)	-	-	-	-
	IDAHO	21.0	1.9	9.3	2.2	-	-	5.4	2.2
20	FOOD AND KINDRED PRODUCTS. . . .	7.1	1.8	3.1	(D)	-	-	1.0	(D)
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS.	(D)	-	(D)	(D)	-	-	.1	-
26	PAPER AND ALLIED PRODUCTS.	(D)	-	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	-	(D)	-	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	-	(D)	-	-	-	(D)	(D)
	WYOMING	(D)	(D)	(D)	(D)	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . . .	(D)	-	(D)	(D)	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	-	-	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	-	-	-	-	-	-	-	-
	COLORADO	10.3	3.4	5.8	.4	-	-	.5	.1
20	FOOD AND KINDRED PRODUCTS. . . .	7.3	2.0	5.2	.1	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	.5	(D)	(D)	-	-	-	-	.1
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	-	-	(D)	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	.9	.1	(D)	(D)	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	(D)	(D)	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	.3	(D)	-	-	-	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	-	-	-	-	(D)	-
	NEW MEXICO.	(D)	(D)	(D)	-	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . . .	(D)	(D)	(D)	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	-	-	-	-	-	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL .	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	-	-	-	-	-

See footnotes at end of table.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Continued

(Billion gallons)															
SIC code	Geographic division, State, and major industry group	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments--		Water treated, by point of discharge								
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users	
	MOUNTAIN DIVISION--CONTINUED														
20	ARIZONA	147.5	19.0	10.5	29	16	3.6	1.7	(D)	(D)	0.4	-	-	(D)	(D)
24	FOOD AND KINDRED PRODUCTS	5.6	2.2	2.1	8	7	1.1	(D)	-	-	-	-	-	-	(D)
26	LUMBER AND WOOD PRODUCTS	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-	-
28	PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-
32	CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-	-
33	STONE, CLAY, GLASS PRODUCTS . . . . .	.9	.7	.5	2	-	(D)	-	-	(D)	-	-	-	-	-
34	PRIMARY METAL INDUSTRIES	81.2	9.2	2.7	6	2	.6	-	-	(D)	-	-	-	(D)	-
35	FABRICATED METAL PRODUCTS	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-
36	MACHINERY, EXCEPT ELECTRICAL	3.5	.4	.3	3	2	.1	.1	-	-	-	-	-	-	-
37	ELECTRIC, ELECTRONIC EQUIP	(D)	2.0	1.9	5	3	(D)	(D)	-	-	-	-	-	-	-
38	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	2	1	(D)	(D)	-	-	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	-	-	(D)	-	-	-	(D)	-	-	-	-
20	UTAH	476.6	32.5	27.0	24	15	12.5	(D)	1.5	(D)	-	-	-	.3	-
24	FOOD AND KINDRED PRODUCTS	3.7	2.4	2.3	12	9	(D)	(D)	-	-	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS	9.5	7.8	5.6	2	1	(D)	-	(D)	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	310.7	3.1	1.6	3	1	1.6	(D)	.8	-	-	-	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . . . .	.3	.3	.2	1	-	(D)	-	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	151.2	18.3	16.6	2	1	(D)	-	-	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	.2	.1	.1	3	2	-	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	-
20	NEVADA	15.1	6.2	5.1	6	2	.3	.1	(D)	(D)	-	-	-	-	-
24	FOOD AND KINDRED PRODUCTS	(D)	(D)	(D)	2	1	(D)	-	(D)	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS	10.8	3.2	2.5	2	-	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . . . . .	.9	.6	(D)	1	1	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	1	-	(D)	-	-	(D)	-	-	-	-	-
	PACIFIC DIVISION	3732.7	1037.9	947.8	812	473	457.9	42.0	169.0	9.8	160.2	33.6	13.6	29.6	
20	WASHINGTON	1141.2	362.2	328.1	101	32	164.4	1.7	90.4	(D)	62.5	(D)	3.0	.6	
24	FOOD AND KINDRED PRODUCTS	34.5	16.7	15.8	41	21	5.7	1.1	1.0	(D)	(D)	-	(D)	.6	
26	LUMBER AND WOOD PRODUCTS	56.5	50.2	31.2	12	1	(D)	(D)	(D)	-	-	-	-	-	
28	PAPER AND ALLIED PRODUCTS	803.4	222.8	211.9	13	1	123.1	(D)	60.8	-	59.3	(D)	-	-	
29	CHEMICALS AND ALLIED PRODUCTS	34.9	27.6	27.2	3	-	.1	-	-	-	-	-	-	-	
30	PETROLEUM AND COAL PRODUCTS	91.0	3.7	2.1	-	-	(D)	-	-	-	(D)	-	-	-	
32	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-	
33	STONE, CLAY, GLASS PRODUCTS	4.3	2.9	2.7	6	1	(D)	-	(D)	-	-	-	-	-	
34	PRIMARY METAL INDUSTRIES	109.6	34.5	33.6	11	4	15.6	(D)	11.3	(D)	(D)	-	(D)	-	
35	FABRICATED METAL PRODUCTS . . . . .	.2	.2	.2	3	2	-	-	-	-	-	-	-	-	
36	MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)	3	1	-	-	-	-	-	-	-	-	
37	ELECTRIC, ELECTRONIC EQUIP	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-	
38	TRANSPORTATION EQUIPMENT	6.1	3.3	3.2	7	-	(D)	-	(D)	(D)	-	-	-	-	
38	INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	
20	OREGON	549.6	157.1	150.0	106	44	96.4	(D)	66.3	(D)	(D)	(D)	(D)	1.1	
24	FOOD AND KINDRED PRODUCTS	13.5	9.3	8.5	37	25	3.3	.9	.8	(D)	-	-	(D)	.7	
26	LUMBER AND WOOD PRODUCTS	74.6	31.4	29.0	31	8	6.1	-	3.0	(D)	(D)	-	.1	(D)	
28	PAPER AND ALLIED PRODUCTS	408.8	90.1	88.0	12	1	(D)	(D)	(D)	-	(D)	-	(D)	(D)	
29	CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)	8	3	(D)	(D)	-	-	-	-	-	-	
30	PETROLEUM AND COAL PRODUCTS . . . . .	.4	.2	.2	2	-	(D)	-	(D)	-	-	-	-	-	
32	RUBBER, MISC. PLASTICS PROD.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-	
33	STONE, CLAY, GLASS PRODUCTS	1.1	1.1	1.0	1	-	(D)	-	(D)	-	-	-	(D)	(D)	
34	PRIMARY METAL INDUSTRIES	24.5	11.4	10.5	5	-	(D)	-	(D)	-	-	-	(D)	-	
35	FABRICATED METAL PRODUCTS . . . . .	.4	.4	.4	3	2	-	-	-	-	-	-	-	-	
36	MACHINERY, EXCEPT ELECTRICAL	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-	
37	ELECTRIC, ELECTRONIC EQUIP	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-	
38	TRANSPORTATION EQUIPMENT	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-	
38	INSTRUMENTS, RELATED PRODUCTS	(D)	(D)	(D)	1	1	(D)	-	(D)	-	-	-	-	-	
20	CALIFORNIA	1652.5	430.4	387.6	591	396	150.6	26.1	(D)	1.4	83.9	(D)	7.9	(D)	
22	FOOD AND KINDRED PRODUCTS	223.6	137.4	132.2	219	163	19.8	10.1	1.9	(D)	(D)	-	4.0	3.4	
24	TEXTILE MILL PRODUCTS	1.7	1.3	1.1	12	12	.3	.3	-	-	-	-	-	-	
26	LUMBER AND WOOD PRODUCTS	67.4	34.6	32.0	7	1	5.5	-	3.3	(D)	-	-	(D)	-	
28	PAPER AND ALLIED PRODUCTS	291.0	48.2	46.3	27	20	13.1	2.2	4.7	-	(D)	(D)	(D)	-	
29	CHEMICALS AND ALLIED PRODUCTS	182.1	39.2	28.1	58	32	22.6	1.9	-	(D)	19.8	(D)	(D)	-	
30	PETROLEUM AND COAL PRODUCTS	655.7	112.8	97.9	17	10	70.4	(D)	-	-	49.8	(D)	.8	(D)	
31	RUBBER, MISC. PLASTICS PROD.	12.0	2.3	1.9	16	9	.2	.2	-	-	-	-	.1	-	
32	LEATHER AND LEATHER PRODUCTS . . . . .	.2	.2	.1	4	4	.1	.1	-	-	-	-	-	-	
33	STONE, CLAY, GLASS PRODUCTS	37.5	18.6	15.5	26	11	(D)	(D)	(D)	-	(D)	-	(D)	(D)	
34	PRIMARY METAL INDUSTRIES	43.8	11.0	9.8	24	16	(D)	(D)	(D)	-	(D)	-	-	-	
35	FABRICATED METAL PRODUCTS	14.6	5.2	5.0	62	52	2.6	(D)	-	-	-	-	(D)	-	
36	MACHINERY, EXCEPT ELECTRICAL	9.6	2.8	2.7	18	5	.6	(D)	(D)	-	-	-	-	-	
37	ELECTRIC, ELECTRONIC EQUIP	29.2	4.4	4.0	44	34	2.3	2.3	-	-	-	-	-	-	
38	TRANSPORTATION EQUIPMENT	82.7	11.7	10.0	45	19	2.0	1.5	.1	-	(D)	(D)	(D)	-	
38	INSTRUMENTS, RELATED PRODUCTS	1.3	.6	.6	9	5	.1	.1	-	-	-	-	-	-	
39	MISC. MANUFACTURING INDUSTRIES . . . . .	.1	.1	.1	3	3	-	-	-	-	-	-	-	-	
20	ALASKA	283.2	32.1	31.8	3	-	(D)	-	-	-	(D)	(D)	-	-	
24	FOOD AND KINDRED PRODUCTS	(D)	(D)	(D)	2	-	(D)	-	-	-	(D)	(D)	-	-	
26	PAPER AND ALLIED PRODUCTS	(D)	(D)	(D)	-	-	(D)	-	-	-	(D)	-	-	-	
28	CHEMICALS AND ALLIED PRODUCTS	(D)	(D)	(D)	-	-	(D)	-	-	-	(D)	-	-	-	
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	-	
32	STONE, CLAY, GLASS PRODUCTS	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-	
20	HAWAII	106.3	56.0	50.3	11	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
24	FOOD AND KINDRED PRODUCTS	85.9	53.5	48.7	10	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
29	PETROLEUM AND COAL PRODUCTS	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)	-	
32	STONE, CLAY, GLASS PRODUCTS	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-	
33	PRIMARY METAL INDUSTRIES	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-	

Note: Figures shown for States and divisions include data for all component industry groups whether or not separate figures are shown for individual industry groups.

TABLE 5B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Geographic Divisions, States, and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Geographic division, State, and major industry group	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Trans- ferred to other users
	MOUNTAIN DIVISION--CONTINUED								
	ARIZONA	6.9	1.1	1.5	2.7	(D)	-	(D)	0.9
20	FOOD AND KINDRED PRODUCTS. . .	1.0	(D)	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS . . .	(D)	-	-	(D)	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	-	-	(D)	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	-	-	-	-	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . .	2.0	.2	1.2	(D)	(D)	-	0.1	(D)
34	FABRICATED METAL PRODUCTS. . .	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	.2	.2	.1	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	(D)	(D)	(D)	-	-	-	(D)	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	-	-	-	-	-	-	-	-
	UTAH.	14.5	1.6	5.6	(D)	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	-	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	(D)	-	-	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL . .	.1	.1	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	(D)	-	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	-	-	-	-	-	(D)	-
	NEVADA.	4.8	(D)	-	2.7	(D)	-	1.3	(D)
20	FOOD AND KINDRED PRODUCTS. . .	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	2.5	(D)	-	(D)	-	-	1.0	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	-	-	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	-	-	(D)	(D)	-	(D)	(D)
	PACIFIC DIVISION	489.4	47.8	147.1	9.3	152.4	105.5	18.1	9.1
	WASHINGTON.	163.7	6.8	74.6	2.9	71.4	-	5.2	2.8
20	FOOD AND KINDRED PRODUCTS. . .	10.0	2.6	5.6	(D)	-	-	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	88.8	.2	34.3	-	52.7	-	-	1.7
28	CHEMICALS AND ALLIED PRODUCTS. .	27.2	(D)	12.1	-	9.9	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	-	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES . . .	18.0	.5	9.0	-	8.5	-	-	-
34	FABRICATED METAL PRODUCTS. . .	.2	.2	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	(D)	(D)	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	-	-	(D)	-	-	-	-
	OREGON.	53.6	(D)	(D)	5.0	8.1	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	5.3	1.8	2.7	-	(D)	-	.2	(D)
24	LUMBER AND WOOD PRODUCTS . . .	22.0	(D)	8.0	5.0	(D)	-	1.2	(D)
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	-	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	(D)	-	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	-	-	-	-	-	(D)	-
34	FABRICATED METAL PRODUCTS. . .	.3	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	(D)	(D)	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	-	-	-	-	-	-	-
	CALIFORNIA.	236.5	37.2	33.7	1.4	54.0	102.2	6.3	1.7
20	FOOD AND KINDRED PRODUCTS. . .	111.9	16.9	4.1	(D)	(D)	(D)	1.6	.5
22	TEXTILE MILL PRODUCTS. . .	.8	.8	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	26.5	(D)	(D)	(D)	(D)	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	33.3	5.3	-	-	12.0	15.7	-	.2
28	CHEMICALS AND ALLIED PRODUCTS. .	5.6	1.8	(D)	-	(D)	-	2.3	.5
29	PETROLEUM AND COAL PRODUCTS. . .	27.6	(D)	-	-	(D)	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	1.7	.3	1.2	-	-	-	.1	(D)
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	-	-	-	.1	(D)
34	FABRICATED METAL PRODUCTS. . .	2.4	2.3	.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	2.1	.7	.4	-	(D)	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	1.7	1.6	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	8.0	4.0	.9	-	2.0	-	1.0	.1
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	.1	-	-	-	-	-	-	-
	ALASKA.	(D)	-	-	-	(D)	(D)	-	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	-	-	(D)	(D)	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	-	-	-	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	-	-	-	-	-	-	-	-
	HAWAII.	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	-	-	-	-	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	-	-	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

TABLE 5C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Water Use Regions and Major Industry Groups: 1973

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
	UNITED STATES, TOTAL	43412.6	15024.3	14143.5	7983	4196	6156.3	305.1	3636.3	546.4	1421.1	32.7	62.3	86.2
	NEW ENGLAND (WUR).	1151.2	665.4	651.4	545	230	106.6	(D)	70.8	1.3	(D)	(D)	.5	.4
20	FOOD AND KINDRED PRODUCTS. . .	37.5	16.1	15.0	67	36	2.0	(D)	.9	-	.2	-	-	(D)
22	TEXTILE MILL PRODUCTS.	15.0	14.5	14.2	53	33	3.3	1.2	2.1	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	(D)	(D)	2	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	(D)	(D)	(D)	2	1	(D)	-	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	739.6	397.3	390.0	42	11	50.3	1.9	48.3	-	-	-	.1	-
28	CHEMICALS AND ALLIED PRODUCTS. .	89.6	67.1	55.5	27	5	28.8	(D)	2.4	(D)	(D)	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. .	1.5	1.1	1.0	3	-	.9	-	(D)	-	(D)	-	.1	-
30	RUBBER, MISC. PLASTICS PROD. . .	33.3	23.8	23.6	35	8	(D)	(D)	(D)	-	-	(D)	-	-
31	LEATHER AND LEATHER PRODUCTS. .	3.1	3.0	2.9	10	6	.5	(D)	.4	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	5.1	4.1	3.7	14	4	1.4	-	(D)	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . .	36.5	22.3	22.0	48	12	3.1	.3	2.6	-	-	-	.1	-
34	FABRICATED METAL PRODUCTS. . .	22.3	(D)	14.5	54	26	2.1	.3	1.2	(D)	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL. .	36.0	21.7	21.6	53	24	1.3	.5	.5	(D)	.2	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	10.3	7.0	6.8	57	31	2.2	.6	1.4	(D)	-	-	(D)	-
37	TRANSPORTATION EQUIPMENT. . .	95.6	58.2	56.2	21	8	(D)	(D)	(D)	-	(D)	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	16.3	9.3	9.0	27	12	.9	.2	.7	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	6.9	4.7	4.6	30	13	.7	.1	.6	-	-	-	-	-
	MIDDLE ATLANTIC (WUR).	4465.2	1857.4	1745.8	1159	524	755.9	36.4	433.7	8.5	270.4	1.9	4.2	.7
20	FOOD AND KINDRED PRODUCTS. . .	162.9	78.8	69.0	253	140	15.5	7.0	5.5	.2	.4	-	2.1	.3
21	TOBACCO PRODUCTS.	20.6	2.3	2.0	7	5	.7	-	.7	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	19.2	12.9	11.7	83	57	3.5	1.7	(D)	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	.7	.5	.2	1	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	2.2	1.7	1.7	8	3	.1	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	540.3	161.3	163.8	86	34	85.8	8.9	(D)	(D)	(D)	-	.7	-
28	CHEMICALS AND ALLIED PRODUCTS. .	937.6	429.7	408.3	166	60	153.1	12.2	122.1	-	16.2	1.4	.6	.2
29	PETROLEUM AND COAL PRODUCTS. .	857.9	369.9	357.3	12	1	298.9	(D)	80.9	-	217.7	-	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	34.1	31.3	65	22	8.2	(D)	7.7	(D)	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	.9	.9	.8	9	9	.3	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	63.6	34.7	30.4	62	22	5.7	.2	5.1	.1	.2	-	.1	-
33	PRIMARY METAL INDUSTRIES. . . .	856.0	599.6	562.2	99	27	166.3	1.2	(D)	(D)	(D)	-	.1	(D)
34	FABRICATED METAL PRODUCTS. . .	22.6	8.3	7.7	49	36	1.8	.9	.7	.3	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	66.8	42.8	42.4	69	23	4.1	.5	3.5	-	.1	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	26.4	25.2	114	53	9.0	2.5	6.3	(D)	-	-	(D)	-
37	TRANSPORTATION EQUIPMENT. . .	117.0	26.6	25.7	40	16	1.7	.5	.9	-	-	-	.2	-
38	INSTRUMENTS, RELATED PRODUCTS. .	15.4	5.0	4.5	24	8	1.0	.2	(D)	-	-	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES. .	9.7	1.9	1.7	12	8	.1	-	.1	-	-	-	-	-
	SOUTH ATLANTIC (WUR).	5087.5	1280.2	1171.8	928	499	634.8	21.1	460.9	14.8	120.1	2.7	9.3	5.9
20	FOOD AND KINDRED PRODUCTS. . .	178.7	79.4	75.4	191	124	38.2	4.2	22.2	(D)	.5	-	3.0	(D)
21	TOBACCO PRODUCTS.	68.7	2.3	1.6	6	3	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	348.3	127.4	112.5	368	236	54.2	11.2	38.6	3.9	-	-	.3	.2
24	LUMBER AND WOOD PRODUCTS. . .	18.4	12.7	10.3	19	4	2.4	-	2.3	-	-	-	-	-
25	FURNITURE AND FIXTURES.	1.7	1.1	1.1	13	7	.3	.2	.1	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	2530.1	679.4	640.6	50	19	429.6	(D)	314.8	-	111.7	-	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	1226.6	244.6	216.8	48	20	60.7	1.2	49.0	-	7.6	(D)	2.1	(D)
29	PETROLEUM AND COAL PRODUCTS. .	111.7	7.3	4.7	4	-	4.1	-	1.5	-	(D)	2.2	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	30.4	11.2	11.0	28	8	1.1	-	1.1	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	83.1	21.1	16.6	36	14	2.1	.6	.7	-	-	(D)	.1	(D)
33	PRIMARY METAL INDUSTRIES. . . .	363.8	65.3	54.6	42	10	29.1	(D)	26.9	-	(D)	-	(D)	-
34	FABRICATED METAL PRODUCTS. . .	5.0	2.9	2.8	24	9	.9	.4	.4	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	37.9	11.2	11.0	22	8	(D)	(D)	(D)	(D)	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	25.8	7.0	6.5	45	23	1.9	.6	1.0	.1	-	-	.1	-
37	TRANSPORTATION EQUIPMENT. . .	54.5	6.2	5.2	20	7	(D)	(D)	(D)	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	1.9	.8	.8	6	4	.3	.1	(D)	-	-	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES. .	1.1	.4	.4	6	2	-	-	-	-	-	-	-	-
	GREAT LAKES.	6545.2	3324.5	3161.8	1726	1004	1362.3	89.4	895.4	365.2	(D)	(D)	6.3	3.1
20	FOOD AND KINDRED PRODUCTS. . .	175.6	87.3	81.0	319	208	21.3	8.1	6.5	(D)	.2	-	(D)	.2
22	TEXTILE MILL PRODUCTS.	3.3	2.0	1.9	12	9	(D)	-	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	4.1	4.0	7	1	(D)	-	-	(D)	-	-	-	-
25	FURNITURE AND FIXTURES.	3.2	1.7	1.6	15	8	.2	.1	.1	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	569.9	234.0	220.6	106	39	112.0	12.7	82.9	12.0	2.5	(D)	.8	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	854.4	435.4	390.0	163	79	117.5	21.9	53.2	41.3	-	-	1.1	-
29	PETROLEUM AND COAL PRODUCTS. .	658.8	167.9	157.6	22	13	86.4	1.2	(D)	(D)	-	-	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	55.3	31.1	27.8	72	34	7.2	(D)	5.7	-	(D)	-	-	-
31	LEATHER AND LEATHER PRODUCTS. .	3.0	2.7	2.6	18	13	1.4	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	79.6	56.2	53.9	60	23	8.1	.3	6.8	(D)	-	-	(D)	.4
33	PRIMARY METAL INDUSTRIES. . . .	3167.5	2113.8	2045.0	211	99	954.9	26.0	671.7	256.6	-	-	.6	.1
34	FABRICATED METAL PRODUCTS. . .	109.2	35.5	33.0	256	196	10.5	3.6	6.4	.1	-	-	.3	-
35	MACHINERY, EXCEPT ELECTRICAL. .	81.9	26.4	24.2	166	103	3.9	.7	2.4	.7	-	-	.1	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	86.2	23.7	21.5	130	83	(D)	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	604.8	84.8	80.4	132	72	20.3	8.8	11.4	.1	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	16.1	14.8	25	17	(D)	(D)	(D)	(D)	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	3.7	1.8	1.9	12	7	1.0	(D)	(D)	-	-	-	-	-
	OHIO (WUR).	4908.5	2288.2	2200.1	959	463	680.2	28.0	644.2	(D)	(D)	-	1.7	(D)
20	FOOD AND KINDRED PRODUCTS. . .	94.5	35.0	31.3	168	123	8.5	4.8	3.5	-	-	-	.2	.1
21	TOBACCO PRODUCTS.	10.3	.8	.6	3	3	-	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	3.5	3.1	2.7	12	12	.9	(D)	-	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	1.2	.9	.8	11	5	(D)	-	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES.	1.1	.9	.9	9	2	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	227.0	72.0	67.8	46	24	44.6	1.9	42.4	-	-	-	.4	-
28	CHEMICALS AND ALLIED PRODUCTS. .	1377.1	613.1	585.9	79	36	153.2	(D)	140.3	-	-	-	.3	(D)
29	PETROLEUM AND COAL PRODUCTS. .	332.1	35.2	29.6	16	1	11.8	-	11.3	(D)	(D)	-	.1	-
30	RUBBER, MISC. PLASTICS PROD. . .	112.8	15.0	14.2	52	24	4.6	(D)	4.3	(D)	-	-	-	-

See footnotes at end of table.

TABLE 5C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Water Use Regions and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
	UNITED STATES, TOTAL	7987.2	728.7	5442.9	671.6	793.2	124.9	148.1	76.6
	NEW ENGLAND (WUR).	544.9	42.7	432.0	8.0	52.6	3.2	1.2	5.0
20	FOOD AND KINDRED PRODUCTS. . .	13.0	2.9	1.5	1.5	6.6	.4	-	.1
22	TEXTILE MILL PRODUCTS.	10.9	5.8	4.8	(D)	-	(D)	-	-
24	LUMBER AND WOOD PRODUCTS. . .	(D)	-	(D)	(D)	-	-	-	-
25	FURNITURE AND FIXTURES.	(D)	(D)	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	339.7	4.2	322.9	2.4	5.4	-	.1	4.8
28	CHEMICALS AND ALLIED PRODUCTS. .	36.9	1.5	10.1	.7	24.2	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. .	.1	-	.1	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	(D)	-	-	(D)	-
31	LEATHER AND LEATHER PRODUCTS. .	2.4	.7	1.6	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	2.3	.9	1.2	-	.1	-	.1	-
33	PRIMARY METAL INDUSTRIES.	19.0	2.8	13.7	.9	1.5	-	-	-
34	FABRICATED METAL PRODUCTS. . . .	12.4	3.9	8.3	-	-	-	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. .	20.3	(D)	.7	-	(D)	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	4.6	2.6	1.8	.1	-	-	.1	-
37	TRANSPORTATION EQUIPMENT. . . .	(D)	(D)	(D)	-	(D)	(D)	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	8.1	2.6	5.4	.1	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	4.0	1.4	2.5	-	-	-	-	-
	MIDDLE ATLANTIC (WUR).	989.9	83.0	628.4	4.9	255.0	1.4	10.9	6.3
20	FOOD AND KINDRED PRODUCTS. . .	53.5	16.3	19.3	.2	16.3	-	1.2	.2
21	TOBACCO PRODUCTS.	1.3	.5	.8	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	8.2	7.1	(D)	-	-	-	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . .	.2	-	.2	-	-	-	-	-
25	FURNITURE AND FIXTURES.	1.7	.3	1.3	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	78.0	11.5	46.1	(D)	16.2	-	.2	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	255.1	14.4	162.5	.4	73.7	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . .	58.4	.7	25.1	-	32.4	-	.2	-
30	RUBBER, MISC. PLASTICS PROD. . .	23.1	2.2	19.9	.4	.1	-	.5	.1
31	LEATHER AND LEATHER PRODUCTS. .	.5	.5	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	24.7	2.4	12.2	1.6	7.7	-	.9	-
33	PRIMARY METAL INDUSTRIES.	395.9	7.8	306.8	(D)	79.8	-	1.0	(D)
34	FABRICATED METAL PRODUCTS. . . .	5.9	3.1	2.1	(D)	-	-	.5	(D)
35	MACHINERY, EXCEPT ELECTRICAL. .	38.3	3.3	15.7	(D)	18.9	-	.1	(D)
36	ELECTRIC, ELECTRONIC EQUIP. . . .	16.1	7.0	7.2	.1	.2	-	1.7	-
37	TRANSPORTATION EQUIPMENT. . . .	24.0	3.5	6.4	-	(D)	(D)	3.5	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	3.4	1.4	(D)	-	(D)	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES. .	1.6	1.1	.5	-	-	-	-	-
	SOUTH ATLANTIC (WUR).	536.6	78.7	275.7	26.9	124.8	13.6	6.7	10.3
20	FOOD AND KINDRED PRODUCTS. . .	37.2	11.6	9.5	6.3	.7	-	3.8	5.2
21	TOBACCO PRODUCTS.	1.6	1.4	.2	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	58.3	42.4	14.3	.6	-	-	.4	.5
24	LUMBER AND WOOD PRODUCTS. . . .	7.8	.2	1.2	(D)	-	-	(D)	(D)
25	FURNITURE AND FIXTURES. . . . .	.7	.5	.2	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	210.7	11.0	123.4	(D)	72.2	(D)	-	2.6
28	CHEMICALS AND ALLIED PRODUCTS. .	156.1	1.6	96.1	.2	48.3	7.8	.5	1.6
29	PETROLEUM AND COAL PRODUCTS. . .	.5	-	.5	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	9.9	.8	7.2	1.5	(D)	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	14.5	.6	3.9	1.6	(D)	(D)	.5	-
33	PRIMARY METAL INDUSTRIES.	25.5	(D)	15.1	(D)	-	-	.2	-
34	FABRICATED METAL PRODUCTS. . . .	2.0	(D)	.5	(D)	-	-	.2	-
35	MACHINERY, EXCEPT ELECTRICAL. .	(D)	(D)	(D)	(D)	-	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	4.6	2.0	2.0	.4	-	-	.2	-
37	TRANSPORTATION EQUIPMENT. . . .	(D)	(D)	(D)	(D)	-	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	.5	.4	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	.3	.2	.1	-	-	-	-	-
	GREAT LAKES.	1799.5	233.7	950.8	524.9	10.5	.2	76.0	3.2
20	FOOD AND KINDRED PRODUCTS. . .	59.7	36.0	20.7	.7	.6	-	1.4	.3
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	(D)	(D)	(D)	(D)	-	-	-	-
25	FURNITURE AND FIXTURES.	1.4	1.2	.2	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	108.6	18.0	75.9	8.3	6.1	-	.1	.1
28	CHEMICALS AND ALLIED PRODUCTS. .	272.5	34.0	144.9	88.5	1.7	-	1.9	1.5
29	PETROLEUM AND COAL PRODUCTS. . .	71.2	1.0	69.1	(D)	-	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	20.6	3.7	14.6	.8	(D)	(D)	.6	(D)
31	LEATHER AND LEATHER PRODUCTS. .	1.2	.9	.3	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	45.8	3.0	19.1	22.5	.3	(D)	.5	(D)
33	PRIMARY METAL INDUSTRIES.	1090.0	41.0	579.7	402.0	(D)	-	66.4	(D)
34	FABRICATED METAL PRODUCTS. . . .	22.5	20.0	2.0	(D)	-	-	.2	(D)
35	MACHINERY, EXCEPT ELECTRICAL. .	20.3	15.4	3.7	.7	-	-	.6	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	(D)	(D)	(D)	(D)	-	-	(D)	-
37	TRANSPORTATION EQUIPMENT. . . .	60.1	41.2	14.0	(D)	-	-	(D)	.1
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	.9	.6	.2	-	-	-	.1	-
	OHIO (WUR).	1519.8	93.8	1404.5	9.8	(D)	(D)	9.2	2.2
20	FOOD AND KINDRED PRODUCTS. . .	22.8	10.1	(D)	.3	-	-	(D)	-
21	TOBACCO PRODUCTS. . . . .	.6	.6	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	1.7	1.7	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	(D)	(D)	-	-	-	-	(D)	-
25	FURNITURE AND FIXTURES. . . . .	.9	.5	.4	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	23.2	2.7	19.9	-	-	-	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	432.7	28.6	402.4	(D)	-	-	1.0	(D)
29	PETROLEUM AND COAL PRODUCTS. . .	17.7	.2	16.2	-	-	-	1.3	-
30	RUBBER, MISC. PLASTICS PROD. . .	9.6	2.6	5.0	1.6	-	-	.4	-

See footnotes at end of table.

TABLE 5C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Water Use Regions and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Gross water used, including recir- culated	Water intake	Water discharged	Number of establishments-		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
	OHIO (WUR)--CONTINUED													
31	LEATHER AND LEATHER PRODUCTS . .	0.2	0.2	0.2	2	2	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	97.0	34.1	29.9	79	15	4.6	0.3	4.3	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	2343.4	1394.2	1357.5	137	35	428.7	1.8	426.4	0.1	-	-	0.4	0.1
34	FABRICATED METAL PRODUCTS. . .	51.3	17.7	16.4	111	70	3.3	2.3	1.0	-	-	-	.1	-
35	MACHINERY, EXCEPT ELECTRICAL . .	57.9	22.1	21.1	76	38	7.7	1.9	5.6	.2	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	76.4	19.4	18.2	88	43	5.5	4.3	1.1	-	-	-	.1	-
37	TRANSPORTATION EQUIPMENT . . .	114.2	21.2	19.9	52	25	5.4	2.4	3.0	-	-	-	.1	-
38	INSTRUMENTS, RELATED PRODUCTS. .	6.4	1.3	1.3	9	3	.5	-	.5	-	-	-	-	-
39	MISC. MANUFACTUR'G INDUSTRIES.	2.2	2.0	1.8	9	2	.5	-	.5	-	-	-	-	-
	TENNESSEE (WUR).	1257.6	529.0	504.4	180	96	144.4	6.1	137.3	.7	-	-	.2	-
20	FOOD AND KINDRED PRODUCTS. . .	9.0	3.8	3.3	30	23	1.2	.9	.1	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	18.4	10.8	10.3	51	34	3.5	(D)	1.7	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	2	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	364.3	79.0	76.9	7	4	50.8	1.3	49.5	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	705.4	366.5	349.8	16	3	45.9	(D)	44.8	(D)	-	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	17.3	11.5	10.5	10	-	.6	-	.5	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	(D)	2	2	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	6.3	5.2	5.0	10	3	1.1	-	1.1	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	115.9	45.3	42.4	12	2	38.0	-	37.9	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	2.1	1.2	1.2	7	5	.2	-	.2	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	1.4	.5	.5	7	2	.2	-	(D)	(D)	-	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	9.7	2.3	2.1	16	11	1.2	.3	.8	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	1.5	1.3	1.3	5	4	1.0	1.0	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	1	1	(D)	-	(D)	-	-	-	-	-
39	MISC. MANUFACTUR'G INDUSTRIES.	.4	.4	.4	3	2	-	-	-	-	-	-	-	-
	UPPER MISSISSIPPI.	1655.1	513.0	471.7	658	338	182.8	25.2	126.1	(D)	(D)	-	3.5	.5
20	FOOD AND KINDRED PRODUCTS. . .	270.4	122.2	111.0	259	129	28.2	18.1	6.7	(D)	(D)	-	2.7	.4
22	TEXTILE MILL PRODUCTS.	1.1	1.0	1.0	5	4	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	6	5	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	.2	.2	.2	4	2	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	301.0	110.4	106.5	37	7	41.7	(D)	41.0	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS. .	265.6	95.4	87.2	41	20	40.7	2.8	37.1	.7	-	-	-	.1
29	PETROLEUM AND COAL PRODUCTS. . .	241.3	15.7	11.8	1	-	(D)	-	(D)	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	21.5	10.5	9.6	25	14	1.9	.2	1.7	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	.6	.6	.6	4	4	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	27.3	18.4	17.1	23	12	(D)	(D)	(D)	(D)	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES	258.9	69.0	66.2	47	29	37.4	.6	(D)	(D)	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	16.8	12.9	12.5	70	49	2.7	1.1	(D)	-	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL . .	117.9	37.1	35.8	66	31	14.1	.1	13.8	.1	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	8.6	4.4	4.3	35	19	.8	.6	.2	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	113.6	6.3	4.5	17	7	1.4	(D)	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	3.0	1.6	1.6	13	5	.2	.2	-	-	-	-	-	-
39	MISC. MANUFACTUR'G INDUSTRIES.	(D)	(D)	(D)	5	1	-	-	-	-	-	-	-	-
	LOWER MISSISSIPPI.	4042.3	1451.6	1390.2	190	90	509.8	(D)	438.5	17.7	7.5	-	8.8	(D)
20	FOOD AND KINDRED PRODUCTS. . .	85.9	(D)	(D)	62	35	(D)	(D)	(D)	(D)	-	-	(D)	-
22	TEXTILE MILL PRODUCTS.	7.3	3.2	3.1	9	8	(D)	-	(D)	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	7.9	7.0	3.6	12	1	.1	-	.1	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	.4	.3	.3	3	1	.1	-	.1	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	399.6	138.3	132.6	12	5	106.9	-	(D)	(D)	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	1854.6	855.6	821.5	23	11	249.4	2.1	212.1	-	(D)	-	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. . .	1237.7	246.9	236.1	3	1	119.4	-	108.4	.1	(D)	-	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	10.0	5.0	5.0	11	1	-	-	-	-	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	13.8	4.0	3.4	10	7	1.1	.6	(D)	(D)	-	-	.2	-
33	PRIMARY METAL INDUSTRIES	417.5	(D)	(D)	5	3	(D)	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	2.4	2.3	2.3	16	7	1.0	-	1.0	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	.4	1.0	.9	5	2	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	1.5	1.2	1.2	14	7	.2	.1	.1	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	2.9	2.8	2.0	4	1	-	-	-	-	-	-	-	-
39	MISC. MANUFACTUR'G INDUSTRIES.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
	SOURIS - RED - RAINY	(D)	(D)	(D)	15	11	(D)	(D)	(D)	(D)	-	-	-	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	2.8	2.8	13	10	1.8	(D)	.6	(D)	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	1	-	(D)	-	(D)	-	-	-	-	(D)
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
	MISSOURI (WUR).	566.0	133.3	114.5	249	143	44.8	11.3	32.1	.6	-	-	.7	.2
20	FOOD AND KINDRED PRODUCTS. . .	78.4	46.5	44.6	144	87	17.2	8.7	7.7	(D)	-	-	(D)	.1
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	4.0	1.1	1.0	8	6	.8	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	141.5	20.9	12.3	13	7	2.1	(D)	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	207.2	28.2	24.0	8	4	7.6	-	7.3	(D)	-	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	15.1	4.3	3.9	8	3	(D)	(D)	(D)	(D)	-	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	10.0	3.5	2.6	6	2	.6	(D)	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	28.7	19.8	18.1	9	2	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	9.6	2.6	2.4	8	3	.8	-	.6	-	-	-	.2	-
35	MACHINERY, EXCEPT ELECTRICAL . .	3.0	.6	.6	10	6	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	(D)	1.8	1.5	19	15	.7	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	2.7	2.3	10	4	.3	(D)	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	1.1	.6	.5	2	-	(D)	-	(D)	-	-	-	-	-
39	MISC. MANUFACTUR'G INDUSTRIES.	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Water Use Regions and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
	OHIO (WUR)--CONTINUED								
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	25.3	(D)	15.6	(D)	-	-	0.4	-
33	PRIMARY METAL INDUSTRIES . . .	928.8	11.7	913.9	0.4	-	-	.9	1.8
34	FABRICATED METAL PRODUCTS. . .	13.1	9.1	3.5	.3	-	-	.2	-
35	MACHINERY, EXCEPT ELECTRICAL . .	13.4	5.9	6.5	.5	-	-	.4	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	12.7	9.8	2.8	-	-	-	.1	-
37	TRANSPORTATION EQUIPMENT . . .	14.5	6.3	8.1	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. . .	.7	.4	.3	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	1.3	(D)	(D)	-	-	-	-	-
	TENNESSEE (WUR).	360.3	17.3	339.0	2.5	0.2	-	.5	.6
20	FOOD AND KINDRED PRODUCTS. . .	2.0	1.3	.3	(D)	-	-	(D)	-
22	TEXTILE MILL PRODUCTS. . . .	6.8	5.8	(D)	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	-	-	(D)	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	26.1	.5	25.6	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	303.6	5.6	297.3	(D)	-	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	9.9	.7	9.1	(D)	(D)	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	3.8	(D)	1.5	1.7	(D)	-	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . .	4.5	.4	4.1	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	.9	.9	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	.2	.2	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	1.0	.9	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	.3	(D)	(D)	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. . .	(D)	-	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	.3	.3	-	-	-	-	-	-
	UPPER MISSISSIPPI.	288.9	65.3	211.2	5.5	(D)	-	4.6	(D)
20	FOOD AND KINDRED PRODUCTS. . .	82.8	22.9	54.9	3.3	-	-	1.3	.3
22	TEXTILE MILL PRODUCTS. . . .	1.0	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	1.1	(D)	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . .	.2	.2	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	64.8	9.0	54.8	(D)	-	-	.2	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	46.5	5.7	38.9	-	(D)	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS. . .	(D)	-	-	-	-	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	7.8	1.0	6.6	(D)	(D)	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	(D)	(D)	(D)	-	(D)	-
33	PRIMARY METAL INDUSTRIES . . .	28.8	3.8	24.8	-	-	-	.1	-
34	FABRICATED METAL PRODUCTS. . .	9.9	7.7	(D)	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	21.8	6.6	15.0	-	-	-	.1	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	3.4	2.6	(D)	(D)	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	3.2	1.9	(D)	-	-	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS. . .	1.4	.9	.5	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	.6	.2	(D)	(D)	-	-	-	-
	LOWER MISSISSIPPI.	881.0	22.0	782.2	(D)	(D)	(D)	3.8	17.0
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS. . . .	(D)	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	3.5	.3	1.0	1.4	-	-	.8	-
25	FURNITURE AND FIXTURES . . . .	.2	.1	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	25.7	6.1	19.2	-	(D)	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	572.1	6.3	551.0	(D)	8.5	-	(D)	3.6
29	PETROLEUM AND COAL PRODUCTS. . .	116.7	-	59.2	(D)	(D)	-	.7	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	4.0	(D)	4.5	-	(D)	-	-	-
31	LEATHER AND LEATHER PRODUCTS . .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	2.3	1.6	.7	-	-	-	.1	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	1.3	.5	.7	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	.9	.3	.6	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	1.0	.4	.6	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	2.0	(D)	(D)	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	-	-	-	-	-	-	-	-
	SOURIS - RED - RAINY	(D)	(D)	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	1.0	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	-	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	(D)	-	-	-	-	-	-	-
	MISSOURI (WUR)	69.7	16.6	49.4	2.1	(D)	-	(D)	.8
20	FOOD AND KINDRED PRODUCTS. . .	27.5	8.7	18.1	.5	-	-	.1	.1
22	TEXTILE MILL PRODUCTS. . . .	(D)	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES	(D)	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	.2	.2	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	10.3	2.1	8.0	-	-	-	.1	.1
29	PETROLEUM AND COAL PRODUCTS. . .	16.4	(D)	14.7	-	-	-	-	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	2.0	.2	1.7	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	(D)	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	1.6	.7	.8	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	.5	(D)	-	-	-	-	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	.9	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	7.1	(D)	1.1	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. . .	(D)	(D)	-	-	-	-	(D)	-
39	MISC. MANUFACTURING INDUSTRIES. .	(D)	(D)	-	-	-	-	-	-

See footnotes at end of table.

TABLE 5C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Water Use Regions and Major Industry Groups: 1973—Continued

SIC code	Water Use Region (WUR) and major industry group	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
	ARKANSAS, WHITE AND RED.	1456.7	228.9	194.5	201	104	135.0	17.9	111.3	1.6	-	-	3.3	0.9
20	FOOD AND KINDRED PRODUCTS. . .	25.7	17.3	15.9	86	65	8.7	3.6	2.9	1.2	-	-	(D)	(D)
22	TEXTILE MILL PRODUCTS.	7.4	.6	.5	3	3	(D)	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	2.8	2.3	2.2	3	1	(D)	-	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	145.1	39.4	37.0	4	1	(D)	-	(D)	-	-	-	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	361.2	30.2	20.0	12	2	8.4	-	6.4	-	-	-	1.9	-
29	PETROLEUM AND COAL PRODUCTS. .	643.9	24.4	11.1	10	1	9.0	(D)	6.3	-	-	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	24.1	2.4	2.1	15	4	.5	.1	.4	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	18.9	4.3	3.2	12	3	1.3	-	.6	.3	-	-	(D)	(D)
33	PRIMARY METAL INDUSTRIES. . . .	203.1	100.3	95.9	7	3	(D)	(D)	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS. . .	5.9	2.3	1.4	12	6	.7	(D)	.3	-	-	-	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL. .	3.7	1.3	1.2	15	8	.2	.1	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	14.1	1.7	1.2	8	1	.5	.2	.3	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	1.9	1.6	1.1	8	3	.2	-	.2	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	3	3	(D)	(D)	-	-	-	-	-	-
	TEXAS GULF.	7573.1	1487.8	1388.2	245	162	1004.4	9.1	83.2	8.5	895.1	(D)	(D)	4.3
20	FOOD AND KINDRED PRODUCTS. . .	47.4	19.8	17.6	90	75	3.8	1.8	-	(D)	(D)	-	(D)	.7
22	TEXTILE MILL PRODUCTS. . . . .	.5	.4	.4	3	3	.2	(D)	-	-	-	-	(D)	-
24	LUMBER AND WOOD PRODUCTS. . .	8.2	1.5	.9	6	1	.4	-	.4	-	-	-	-	-
25	FURNITURE AND FIXTURES.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	432.3	57.0	52.2	10	8	51.1	4.0	35.6	(D)	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	2897.4	839.0	794.4	29	14	613.8	.6	6.0	-	601.6	(D)	3.0	(D)
29	PETROLEUM AND COAL PRODUCTS. .	2749.2	(D)	(D)	14	2	(D)	(D)	(D)	-	(D)	-	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	20.7	1.9	1.2	9	7	.3	.1	.1	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	22.2	6.6	4.1	19	10	.8	-	(D)	(D)	(D)	-	-	-
33	PRIMARY METAL INDUSTRIES. . . .	(D)	(D)	(D)	4	1	(D)	-	(D)	-	(D)	-	-	-
34	FABRICATED METAL PRODUCTS. . .	2.0	1.0	.9	17	15	.4	.3	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	14.9	2.4	1.8	22	15	.1	.1	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	2.3	2.0	10	8	1.5	(D)	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	14.6	14.3	8	1	.3	(D)	-	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	.7	.1	.1	3	2	-	-	-	-	-	-	-	-
	RIO GRANDE.	125.4	(D)	(D)	19	11	(D)	(D)	-	(D)	-	-	(D)	-
20	FOOD AND KINDRED PRODUCTS. . .	2.1	1.4	1.3	12	8	.4	(D)	-	-	-	-	(D)	-
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . .	7.7	.9	.3	3	1	(D)	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
	UPPER COLORADO.	1.5	.7	.6	2	1	(D)	-	(D)	-	-	-	-	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	2	1	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	-	-	(D)	-	(D)	-	-	-	-	-
	LOWER COLORADO.	165.8	24.5	14.7	33	17	3.8	1.8	(D)	.6	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	5.7	2.2	2.1	9	8	1.1	(D)	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS. . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS. .	10.7	3.1	2.4	4	1	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	1.3	.9	.5	2	-	(D)	-	-	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . .	84.3	11.4	4.6	7	2	.7	-	(D)	(D)	-	-	(D)	-
34	FABRICATED METAL PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	3.5	.4	.3	3	2	.1	.1	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	2.0	1.9	5	3	(D)	(D)	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	(D)	2	1	(D)	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	(D)	-	-	(D)	-	-	(D)	-	-	-	-
	GREAT BASIN.	478.5	34.4	28.6	28	16	12.8	.9	(D)	(D)	-	-	.3	-
20	FOOD AND KINDRED PRODUCTS. . .	4.0	2.6	2.6	14	9	.5	.1	(D)	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS. .	9.8	8.1	6.0	2	1	(D)	-	(D)	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	310.7	3.1	1.6	3	1	1.6	.8	(D)	-	-	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	1	1	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	.8	.8	.4	1	1	(D)	-	(D)	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . . .	152.1	19.2	17.4	3	1	(D)	-	-	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	.2	.1	.1	3	2	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-
	COLUMBIA - NORTH PACIFIC. . . .	1847.4	581.6	532.7	241	90	290.0	16.2	177.2	6.1	62.9	13.9	9.8	3.8
20	FOOD AND KINDRED PRODUCTS. . .	81.9	41.4	39.4	106	59	16.8	(D)	5.3	.3	.1	-	4.4	(D)
22	TEXTILE MILL PRODUCTS.	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	138.3	85.2	63.9	46	9	28.0	(D)	24.5	(D)	(D)	-	.2	-
26	PAPER AND ALLIED PRODUCTS. . .	1269.6	331.0	318.5	25	2	213.3	(D)	123.3	-	59.3	13.9	(D)	.3
28	CHEMICALS AND ALLIED PRODUCTS. .	96.7	48.4	43.4	12	4	2.2	(D)	1.6	-	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS. .	91.4	3.9	2.2	2	-	2.2	-	(D)	-	(D)	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	(D)	2	-	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	6.9	5.5	4.5	8	1	.8	-	(D)	-	-	-	-	(D)
33	PRIMARY METAL INDUSTRIES. . . .	152.9	61.3	55.9	16	4	26.0	(D)	21.1	(D)	1.0	-	(D)	-

See footnotes at end of table.

TABLE 5C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Water Use Regions and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
	ARKANSAS, WHITE AND RED,	59.5	8.7	43.1	3.3	(D)	-	4.0	(D)
20	FOOD AND KINDRED PRODUCTS, . .	7.3	4.6	1.4	.9	-	-	(D)	(D)
22	TEXTILE MILL PRODUCTS,	(D)	(D)	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS, . .	(D)	-	(D)	-	-	-	(D)	-
25	FURNITURE AND FIXTURES,	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS, . .	(D)	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS, .	12.5	(D)	10.0	.6	-	-	1.4	(D)
29	PETROLEUM AND COAL PRODUCTS, .	2.2	.1	(D)	1.4	-	-	(D)	-
30	RUBBER, MISC. PLASTICS PROD., .	1.5	.3	1.1	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS, .	1.9	(D)	1.4	(D)	-	-	.2	-
33	PRIMARY METAL INDUSTRIES, . . .	(D)	-	(D)	-	-	-	-	-
34	FABRICATED METAL PRODUCTS, . .	.7	.4	.2	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL, .	1.0	.7	.4	.2	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP, . .	.7	.4	.3	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT, . .	.9	.6	(D)	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS, .	(D)	(D)	-	-	-	-	-	-
	TEXAS GULF,	383.5	12.5	155.2	14.0	185.7	0.8	3.9	11.7
20	FOOD AND KINDRED PRODUCTS, . .	13.9	6.4	5.7	.2	(D)	-	-	(D)
22	TEXTILE MILL PRODUCTS, . . . .	.2	.2	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS, . .	.5	.1	.3	.1	-	-	-	-
25	FURNITURE AND FIXTURES,	-	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS, . .	1.1	(D)	(D)	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS, .	180.3	1.9	(D)	.3	(D)	(D)	(D)	2.7
29	PETROLEUM AND COAL PRODUCTS, .	(D)	(D)	(D)	-	(D)	-	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD., .	.9	.2	(D)	-	(D)	-	-	-
32	STONE, CLAY, GLASS PRODUCTS, .	3.2	(D)	.4	(D)	-	-	1.2	.4
33	PRIMARY METAL INDUSTRIES, . . .	(D)	(D)	(D)	-	(D)	-	-	(D)
34	FABRICATED METAL PRODUCTS, . .	.5	.5	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL, .	1.7	1.3	.3	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP, . .	.4	.4	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT, . .	13.9	.5	.4	(D)	(D)	(D)	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS, .	.1	-	-	-	-	-	-	-
	RIO GRANDE,	(D)	(D)	(D)	-	-	-	(D)	-
20	FOOD AND KINDRED PRODUCTS, . .	.9	.5	.3	-	-	-	-	-
22	TEXTILE MILL PRODUCTS,	(D)	-	-	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS, .	(D)	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS, .	(D)	-	-	-	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS, .	(D)	-	-	-	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES, . . .	(D)	-	-	-	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL, .	(D)	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT, . .	(D)	(D)	(D)	-	-	-	-	-
	UPPER COLORADO,	(D)	-	(D)	(D)	-	-	-	-
20	FOOD AND KINDRED PRODUCTS, . .	(D)	-	(D)	(D)	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS, .	(D)	-	-	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS, .	(D)	-	-	(D)	-	-	-	-
	LOWER COLORADO,	10.9	1.3	1.5	5.2	(D)	(D)	1.2	1.3
20	FOOD AND KINDRED PRODUCTS, . .	1.0	(D)	-	-	-	-	-	(D)
24	LUMBER AND WOOD PRODUCTS, . .	(D)	-	-	(D)	-	-	-	-
26	PAPER AND ALLIED PRODUCTS, . .	(D)	-	-	(D)	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS, .	2.4	.1	(D)	1.4	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS, .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS, .	(D)	-	-	-	-	-	(D)	(D)
33	PRIMARY METAL INDUSTRIES, . . .	3.8	.2	1.2	(D)	(D)	-	.4	.6
34	FABRICATED METAL PRODUCTS, . .	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL, .	.2	.2	.1	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP, . .	(D)	(D)	(D)	-	-	-	(D)	-
37	TRANSPORTATION EQUIPMENT, . .	(D)	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS, .	-	-	-	-	-	-	-	-
	GREAT BASIN,	15.8	1.7	5.7	(D)	(D)	-	1.6	(D)
20	FOOD AND KINDRED PRODUCTS, . .	2.0	(D)	(D)	-	-	-	.1	-
28	CHEMICALS AND ALLIED PRODUCTS, .	(D)	(D)	-	-	-	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS, .	-	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD., .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS, .	(D)	-	(D)	-	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES, . . .	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL, .	.1	.1	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP, . .	(D)	-	(D)	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT, . .	(D)	-	-	-	-	-	(D)	-
	COLUMBIA - NORTH PACIFIC,	242.7	12.0	116.2	16.8	79.5	-	12.4	5.7
20	FOOD AND KINDRED PRODUCTS, . .	22.6	6.3	11.5	1.2	.5	-	1.6	1.5
22	TEXTILE MILL PRODUCTS,	-	-	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS, . .	36.0	.5	17.3	8.3	7.7	-	1.4	.7
26	PAPER AND ALLIED PRODUCTS, . .	105.2	.5	50.3	-	52.7	-	-	1.7
28	CHEMICALS AND ALLIED PRODUCTS, .	41.2	(D)	24.9	-	9.9	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS, .	.1	-	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD., .	(D)	-	(D)	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS, .	3.7	(D)	(D)	(D)	-	-	.4	-
33	PRIMARY METAL INDUSTRIES, . . .	29.9	.5	9.9	(D)	(D)	-	(D)	(D)

See footnotes at end of table.

TABLE 5C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Water Use Regions and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Gross water used, including recirculated	Water intake	Water discharged	Number of establishments—		Water treated, by point of discharge							
					Discharging to public sewers	Discharging exclusively to public sewers	Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray seepage)	Transferred to other users
	COLUMBIA-NORTH PACIFIC--CON.													
34	FABRICATED METAL PRODUCTS. . .	0.6	0.6	0.6	6	4	-	-	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . .	1.5	.2	.2	5	2	-	-	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	(D)	(D)	2	2	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	6.3	3.4	3.4	9	2	(D)	-	(D)	(D)	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	.7	.5	.5	1	1	(D)	-	(D)	(D)	-	-	-	-
	CALIFORNIA - SOUTH PACIFIC . . .	1655.9	433.0	389.9	591	396	151.0	26.1	(D)	1.4	83.9	(D)	7.9	(D)
20	FOOD AND KINDRED PRODUCTS. . .	223.6	136.9	131.7	219	163	19.8	10.1	1.9	(D)	(D)	-	4.0	3.4
22	TEXTILE MILL PRODUCTS. . .	1.7	1.3	1.1	12	12	.3	.3	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	71.0	37.9	35.0	8	1	5.9	-	3.7	(D)	-	-	(D)	-
26	PAPER AND ALLIED PRODUCTS. . .	290.9	48.0	46.2	26	20	13.1	2.2	4.7	-	(D)	(D)	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS.	182.1	39.2	28.1	58	32	22.6	1.9	-	(D)	19.8	-	(D)	-
29	PETROLEUM AND COAL PRODUCTS. .	655.7	112.8	97.9	17	10	70.4	(D)	-	-	49.8	(D)	.8	(D)
30	RUBBER, MISC. PLASTICS PROD. .	12.0	2.3	1.9	16	9	.2	.2	-	-	-	-	.1	-
31	LEATHER AND LEATHER PRODUCTS. .	.2	.2	.1	4	4	.1	.1	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	37.5	18.6	15.5	26	11	2.1	.2	1.1	-	(D)	-	.5	(D)
33	PRIMARY METAL INDUSTRIES. . .	43.8	11.0	9.8	24	16	(D)	(D)	(D)	-	(D)	-	-	-
34	FABRICATED METAL PRODUCTS. . .	14.6	5.2	5.0	62	52	(D)	(D)	-	-	-	-	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL .	9.6	2.8	2.7	18	5	.6	(D)	(D)	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	29.2	4.4	4.0	44	34	2.3	2.3	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	82.7	11.7	10.0	45	19	2.0	1.5	.1	-	(D)	(D)	.2	-
38	INSTRUMENTS, RELATED PRODUCTS.	1.3	.6	.6	9	5	.1	.1	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	.1	.1	.1	3	3	-	-	-	-	-	-	-	-
	ALASKA	283.2	32.1	31.8	3	-	(D)	-	-	-	(D)	(D)	-	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	2	-	(D)	-	-	-	(D)	(D)	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	-	-	(D)	-	-	-	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	(D)	(D)	(D)	-	-	(D)	-	-	-	(D)	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
	HAWAII	106.3	56.0	50.3	11	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	85.9	53.5	48.7	10	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	-	-	(D)	-	-	-	-	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	(D)	(D)	1	-	-	-	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	-	-	-	-	-	-	-	-	-	-

Note: Figures shown for Water Use Regions include data for all 2-digit major industry groups whether or not separate figures are shown for individual major groups.

TABLE 5C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Point of Discharge, for Water Use Regions and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Water untreated, by point of discharge							
		Total	Public utility sewer	Streams and rivers	Lakes and ponds	Bays and estuaries	Ocean	Ground (wells, spray, seepage)	Transferred to other users
	COLUMBIA-NORTH PACIFIC--CON.								
34	FABRICATED METAL PRODUCTS. . .	0.5	0.4	0.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	.2	.2	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	-	-	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	(D)	(D)	(D)	(D)	-	-	(D)
38	INSTRUMENTS, RELATED PRODUCTS.	(D)	-	-	(D)	-	-	-	-
	CALIFORNIA - SOUTH PACIFIC . . .	238.9	37.0	36.3	1.4	53.8	102.2	6.3	1.7
20	FOOD AND KINDRED PRODUCTS. . .	111.9	16.9	4.1	(D)	(D)	(D)	1.6	.5
22	TEXTILE MILL PRODUCTS. . . . .	.8	.8	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	29.1	.1	28.3	(D)	(D)	-	.3	-
26	PAPER AND ALLIED PRODUCTS. . .	33.1	5.1	-	-	12.0	15.7	-	.2
28	CHEMICALS AND ALLIED PRODUCTS.	5.6	1.8	(D)	-	(D)	-	2.3	.5
29	PETROLEUM AND COAL PRODUCTS. .	27.6	(D)	-	-	(D)	-	-	-
30	RUBBER, MISC. PLASTICS PROD. .	1.7	.3	1.2	-	-	-	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	13.4	.8	.4	-	(D)	(D)	.6	.1
33	PRIMARY METAL INDUSTRIES . . .	(D)	(D)	(D)	-	-	-	(D)	(D)
34	FABRICATED METAL PRODUCTS. . .	(D)	(D)	(D)	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	2.1	.7	.4	-	(D)	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	1.7	1.6	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	8.0	4.0	(D)	-	(D)	-	1.0	.1
38	INSTRUMENTS, RELATED PRODUCTS.	.5	.4	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	.1	-	-	-	-	-	-	-
	ALASKA	(D)	-	-	-	(D)	(D)	-	-
20	FOOD AND KINDRED PRODUCTS. . .	(D)	-	-	-	(D)	(D)	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	-	-	-	(D)	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS.	-	-	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. .	-	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	-	-	-	-	-	-	-	-
	HAWAII	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. .	(D)	-	-	-	-	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	(D)	-	-	-	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

¹See text and maps for definitions.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973

(Billion gallons)

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
	ALL INDUSTRIES, TOTAL ¹ . . .	43412.6	15024.3	14143.5	6156.3	2790.1	689.9	89.1	2336.7	52.9	196.6
20	FOOD AND KINDRED PRODUCTS. . .	1579.8	803.8	744.5	246.9	124.7	22.3	3.0	75.4	7.6	13.7
201	MEAT PRODUCTS.	167.0	108.6	105.1	57.3	44.5	.5	1.4	3.9	3.6	3.4
2011	MEATPACKING PLANTS.	117.3	69.3	68.3	40.5	30.9	.4	1.2	3.3	2.4	2.3
2013	SAUSAGES AND OTHER PREPARED MEATS.	13.7	7.6	6.6	2.9	1.8	-	(D)	(D)	.2	.5
2016	POULTRY DRESSING PLANTS.	32.7	28.5	27.3	12.5	10.6	.1	(D)	.4	1.0	(D)
2017	POULTRY AND EGG PROCESSING.	3.2	3.1	3.0	1.4	1.1	-	-	(D)	.1	(D)
202	DAIRY PRODUCTS.	79.7	43.3	40.8	4.5	2.0	.1	-	(D)	.3	(D)
2021	CREAMERY BUTTER.	3.5	(D)	2.5	.1	-	-	-	-	-	-
2022	CHEESE, NATURAL AND PROCESSED.	11.0	6.5	6.3	1.0	.4	-	-	(D)	-	(D)
2023	CONDENSED AND EVAPORATED MILK.	12.7	10.6	10.7	1.5	.3	-	-	1.0	.1	.1
2024	ICE CREAM AND FROZEN DESSERTS.	4.5	(D)	1.8	-	-	-	-	-	-	-
2026	FLUID MILK.	42.0	21.4	19.5	1.9	1.2	-	-	.3	.2	.2
203	PRESERVED FRUITS AND VEGETABLES.	226.4	126.9	118.4	67.6	48.6	(D)	(D)	14.1	1.6	3.2
2032	CANNED SPECIALTIES.	26.5	22.8	20.2	9.5	7.9	-	-	1.3	.1	.2
2033	CANNED FRUITS AND VEGETABLES.	84.7	38.4	35.0	18.4	12.7	-	-	4.8	.2	.6
2034	DEHYD. FRUITS, VEGETABLES, SOUPS.	14.1	6.3	5.0	4.0	3.9	-	-	.1	-	.1
2035	PICKLES, SAUCES, SALAD DRESSINGS.	5.6	2.7	2.4	1.1	.8	-	-	.1	-	.2
2037	FROZEN FRUITS AND VEGETABLES.	88.1	50.4	49.3	31.3	20.9	-	(D)	(D)	(D)	1.9
2038	FROZEN SPECIALTIES.	7.6	6.3	5.7	3.3	2.4	-	-	(D)	(D)	.1
204	GRAIN MILL PRODUCTS.	140.8	79.7	72.5	12.6	4.9	.9	.5	5.7	.3	.3
2041	FLOUR, OTHER GRAIN MILL PRODUCTS.	(D)	1.4	1.2	.4	.4	-	-	-	-	-
2043	CEREAL BREAKFAST FOODS.	6.8	5.3	4.5	1.4	-	(D)	(D)	.9	-	-
2044	RICE MILLING.	(D)	.3	.3	.1	.1	-	-	-	-	-
2045	BLENDED AND PREPARED FLOUR. . . . .	.6	.3	.2	-	-	-	-	-	-	-
2046	WET CORN MILLING.	124.8	67.0	61.6	7.5	3.1	(D)	(D)	(D)	.3	(D)
2047	DOG, CAT, AND OTHER PET FOOD.	3.5	2.7	2.2	(D)	(D)	-	-	(D)	-	(D)
2048	PREPARED FEEDS, NEC.	3.0	2.6	2.4	(D)	(D)	-	-	(D)	-	-
205	BAKERY PRODUCTS.	11.6	5.0	4.2	(D)	(D)	-	-	-	-	-
2051	BREAD, CAKE, AND RELATED PRODUCTS.	4.2	2.8	2.3	(D)	(D)	-	-	-	-	-
2052	COOKIES AND CRACKERS.	7.4	2.2	1.9	(D)	-	-	-	-	-	-
206	SUGAR, CONFECTIONERY PRODUCTS.	387.3	198.8	189.1	80.5	15.3	19.7	(D)	42.4	(D)	2.3
2061	RAW CANE SUGAR.	144.6	80.1	74.1	47.6	(D)	19.6	-	16.9	-	(D)
2062	CANE SUGAR REFINING.	84.5	68.7	67.0	17.2	(D)	-	-	16.0	-	.2
2063	BET SUGAR.	111.5	37.4	36.0	15.4	5.2	-	(D)	(D)	(D)	.2
2065	CONFECTIONERY PRODUCTS.	27.9	(D)	(D)	(D)	(D)	-	(D)	(D)	-	-
2066	CHOCOLATE AND COCOA PRODUCTS.	(D)	9.0	8.8	(D)	-	-	-	-	-	(D)
207	FATS AND OILS.	130.8	39.1	32.6	9.7	1.9	(D)	-	4.9	(D)	2.4
2074	COTTONSEED OIL MILLS.	5.3	(D)	2.1	.1	-	-	-	-	-	-
2075	SOYBEAN OIL MILLS.	56.0	16.0	11.9	3.8	.5	(D)	-	2.4	(D)	.6
2076	VEGETABLE OIL MILLS, NEC.	3.8	(D)	2.1	.1	-	-	-	-	-	.1
2077	ANIMAL AND MARINE FATS AND OILS.	5.3	4.5	4.3	1.9	.7	-	-	1.0	.1	.1
2079	SHORTENING AND COOKING OILS.	60.3	14.1	12.1	3.8	.6	-	-	1.5	.2	1.5
208	BEVERAGES.	290.8	100.3	82.4	11.9	5.4	.9	.6	2.8	.8	1.4
2082	MALT BEVERAGES.	223.6	61.9	48.6	6.1	2.2	(D)	(D)	1.8	(D)	.4
2083	MALT.	26.9	8.4	7.6	2.2	2.0	-	-	(D)	-	-
2084	WINES, BRANDY, AND BRANDY SPIRITS.	3.6	2.0	1.8	(D)	(D)	-	-	(D)	(D)	(D)
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	19.9	14.2	12.9	1.0	.2	(D)	-	(D)	.1	.1
2086	BOTTLED AND CANNED SOFT DRINKS.	12.1	10.5	8.4	1.7	(D)	-	-	-	-	(D)
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	4.7	3.3	3.0	(D)	(D)	-	-	(D)	-	-
209	MISC. FOODS, KINDRED PRODUCTS.	145.6	102.2	99.5	(D)	(D)	-	-	(D)	-	(D)
2092	FRESH OR FROZEN PACKAGED FISH.	2.9	2.7	2.0	.9	.9	-	-	-	-	-
2095	ROASTED COFFEE.	(D)	3.8	2.9	(D)	(D)	-	-	(D)	-	-
2097	MANUFACTURED ICE.	3.7	3.1	2.6	(D)	-	-	-	-	-	-
2098	MACARONI AND SPAGHETTI. . . . .	.4	.1	.1	-	-	-	-	-	-	-
2099	FOOD PREPARATIONS, NEC.	36.1	(D)	(D)	(D)	(D)	-	-	-	-	(D)
21	TOBACCO PRODUCTS.	99.6	5.4	4.2	(D)	(D)	-	-	-	-	-
2111	CIGARETTES.	95.8	3.6	2.6	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	426.4	177.7	159.9	68.5	59.0	.3	1.2	3.1	1.7	3.2
2211	WEAVING MILLS, COTTON.	80.2	17.1	12.9	6.9	5.2	-	.4	.3	.5	.5
2221	WEAVING MILLS, MANMADE FIBER, SILK.	74.6	23.5	20.2	5.6	3.9	-	.3	.9	.3	.3
2231	WEAVING AND FINISHING MILLS, WOOL.	7.5	6.7	6.6	3.3	2.8	-	-	(D)	.1	(D)
2241	NARROW FABRIC MILLS. . . . .	.4	.4	.4	-	-	-	-	-	-	-
225	KNITTING MILLS.	38.6	30.8	29.4	8.3	7.5	-	.1	.3	.2	.3
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	2.6	1.7	1.6	(D)	(D)	-	-	-	-	-
2252	HOSIERY, NEC.	1.3	.8	.8	(D)	-	-	-	-	-	-
2253	KNIT OUTERWEAR MILLS.	(D)	2.8	2.7	(D)	(D)	-	-	-	-	-
2254	KNIT UNDERWEAR MILLS.	(D)	.8	.8	-	-	-	-	-	-	-
2257	CIRCULAR KNIT FABRIC MILLS.	23.5	19.7	18.9	5.8	5.3	-	-	.2	.1	.1
2258	WARP KNIT FABRIC MILLS.	7.5	5.0	4.4	2.1	1.9	-	-	.1	-	.1
226	TEXTILE FINISHING, EXCEPT WOOL.	65.6	53.7	48.6	27.1	24.1	.2	.3	1.0	.3	1.2
2261	FINISHING PLANTS, COTTON.	28.5	20.8	18.6	9.8	8.4	.2	.2	.5	.2	.3
2262	FINISH. PLTS, MANMADE FIBER, SILK.	27.5	24.4	22.0	15.7	14.2	-	.1	.4	.1	.9
2269	FINISHING PLANTS, NEC.	9.6	8.5	7.9	1.6	1.5	-	-	-	-	-
227	FLOOR COVERING MILLS.	22.5	18.9	17.8	8.0	7.4	-	-	(D)	(D)	.3
2271	WOVEN CARPETS AND RUGS.	2.0	1.3	1.1	(D)	(D)	-	-	-	(D)	-
2272	TUFTED CARPETS AND RUGS.	19.9	17.0	16.3	7.5	7.0	-	-	(D)	(D)	.3
2279	CARPETS AND RUGS, NEC. . . . .	.6	.5	.5	(D)	(D)	-	-	-	-	-
228	YARN AND THREAD MILLS.	115.8	16.6	15.4	6.1	5.5	-	.1	.2	.2	.2
2281	YARN MILLS, EXCEPT WOOL.	86.7	6.2	5.5	2.2	(D)	-	.1	(D)	.1	.1
2282	THROWING AND WINDING MILLS.	10.0	4.4	4.3	1.3	(D)	-	-	(D)	-	-
2283	WOOL YARN MILLS.	(D)	1.0	1.0	.4	.4	-	-	-	-	-
2284	THREAD MILLS.	(D)	5.0	4.7	2.1	2.1	-	-	-	-	-

See footnotes at end of table.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973—Continued

(Billions gallons)

SIC code	Industry group and industry	Water discharged—Continued						
		Untreated, by last use						Boiler feed and other uses
		Total	Process	Cooling and condensing			Sanitary service	
				Steam electric power generation	Air condition- ing	Other		
	ALL INDUSTRIES, TOTAL. . . .	7987.2	1198.5	1708.7	193.5	4517.2	147.4	219.8
20	FOOD AND KINDRED PRODUCTS. . .	497.7	100.4	20.2	6.4	323.7	22.5	24.1
201	MEAT PRODUCTS.	47.8	20.0	.5	1.3	18.8	3.9	3.1
2011	MEATPACKING PLANTS.	27.7	6.8	.5	.7	15.6	2.3	1.8
2013	SAUSAGES AND OTHER PREPARED MEATS.	3.7	.6	-	.6	1.6	.3	.5
2016	POULTRY DRESSING PLANTS.	14.8	11.5	-	-	1.3	1.2	.8
2017	POULTRY AND EGG PROCESSING.	1.5	1.1	-	-	.2	.1	.1
202	DAIRY PRODUCTS.	36.3	9.2	(D)	.6	(D)	3.4	4.8
2021	CREAMERY BUTTER.	2.4	.5	-	-	1.4	.2	.2
2022	CHEESE, NATURAL AND PROCESSED.	5.3	.8	-	-	3.5	.2	.8
2023	CONDENSED AND EVAPORATED MILK.	9.2	1.5	-	.1	6.8	.2	.5
2024	ICE CREAM AND FROZEN DESSERTS.	1.2	.5	-	-	.8	.1	.4
2026	FLUID MILK.	17.6	5.9	(D)	.4	(D)	2.7	2.9
203	PRESERVED FRUITS AND VEGETABLES.	50.8	22.1	.9	.3	23.1	2.4	2.0
2032	CANNED SPECIALTIES.	10.7	7.3	(D)	-	2.6	.4	(D)
2033	CANNED FRUITS AND VEGETABLES.	16.6	6.7	.4	.3	7.2	1.0	1.0
2034	DEHYD. FRUITS, VEGETABLES, SOUPS.	1.8	1.2	-	-	.2	.2	.2
2035	PICKLES, SAUCES, SALAD DRESSINGS.	1.2	.3	-	-	.6	-	.2
2037	FROZEN FRUITS AND VEGETABLES.	18.0	5.9	(D)	-	11.2	.3	(D)
2038	FROZEN SPECIALTIES.	2.4	.6	-	-	1.2	.4	.1
204	GRAIN MILL PRODUCTS.	59.9	6.5	5.3	1.3	43.3	1.1	2.3
2041	FLOUR, OTHER GRAIN MILL PRODUCTS. . . . .	.8	.4	-	-	.1	.1	(D)
2043	CEREAL BREAKFAST FOODS.	3.1	(D)	-	.5	1.3	.3	(D)
2044	RICE MILLING. . . . .	.2	(D)	-	(D)	-	-	-
2045	BLENDED AND PREPARED FLOUR. . . . .	.2	.1	-	-	-	.1	-
2046	WET CORN MILLING.	54.1	4.8	(D)	.6	41.3	(D)	1.8
2047	DOG, CAT, AND OTHER PET FOOD.	(D)	(D)	(D)	-	(D)	(D)	(D)
2048	PREPARED FEEDS, NEC.	(D)	-	-	(D)	(D)	-	-
205	BAKERY PRODUCTS.	(D)	(D)	-	(D)	(D)	(D)	(D)
2051	BREAD, CAKE, AND RELATED PRODUCTS.	(D)	(D)	-	-	(D)	(D)	(D)
2052	COOKIES AND CRACKERS.	(D)	-	-	(D)	(D)	(D)	(D)
206	SUGAR, CONFECTIONERY PRODUCTS.	108.8	10.3	6.7	.6	66.5	2.0	2.6
2061	RAW CANE SUGAR.	26.5	2.8	5.6	-	17.0	.1	1.0
2062	CANE SUGAR REFINING.	49.8	4.2	(D)	(D)	43.4	.2	.9
2063	BET SUGAR.	20.7	2.1	-	-	17.4	(D)	(D)
2065	CONFECTIONERY PRODUCTS.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2066	CHOCOLATE AND COCOA PRODUCTS.	(D)	(D)	-	-	(D)	(D)	-
207	FATS AND OILS.	22.9	.8	(D)	.6	18.0	(D)	.8
2074	COTTONSEED OIL MILLS.	2.1	-	-	-	1.9	(D)	(D)
2075	SOYBEAN OIL MILLS.	8.1	.1	-	-	7.7	.1	.2
2076	VEGETABLE OIL MILLS, NEC.	2.0	.1	-	-	1.8	.1	-
2077	ANIMAL AND MARINE FATS AND OILS.	2.4	.3	-	-	1.7	.2	.2
2079	SHORTENING AND COOKING OILS.	8.3	.2	(D)	.6	4.9	(D)	(D)
208	BEVERAGES.	70.4	22.8	4.3	1.1	28.2	7.1	6.8
2082	MALT BEVERAGES.	42.5	16.0	3.9	.4	12.1	5.7	4.4
2083	MALT.	5.4	1.8	-	.4	3.2	-	-
2084	WINES, BRANDY, AND BRANDY SPIRITS.	(D)	(D)	-	-	(D)	(D)	(D)
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	11.8	.4	.4	.2	10.0	.2	.5
2086	BOTTLED AND CANNED SOFT DRINKS.	6.8	3.9	-	-	.8	.9	1.2
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	(D)	(D)	-	-	(D)	(D)	(D)
209	MISC. FOODS, KINDRED PRODUCTS.	(D)	(D)	-	(D)	(D)	(D)	(D)
2092	FRESH OR FROZEN PACKAGED FISH.	1.1	.4	-	-	.5	.2	-
2095	ROASTED COFFEE.	(D)	(D)	-	(D)	(D)	(D)	(D)
2097	MANUFACTURED ICE.	2.6	.3	-	-	2.2	-	-
2098	MACARONI AND SPAGHETTI. . . . .	.1	-	-	-	-	-	-
2099	FOOD PREPARATIONS, NEC.	(D)	(D)	-	(D)	(D)	(D)	(D)
21	TOBACCO PRODUCTS.	(D)	(D)	-	(D)	(D)	(D)	(D)
2111	CIGARETTES.	2.6	(D)	-	(D)	.2	(D)	(D)
22	TEXTILE MILL PRODUCTS.	91.5	61.2	2.2	5.6	10.7	5.3	6.1
2211	WEAVING MILLS, COTTON.	6.0	2.7	(D)	1.6	.4	.7	(D)
2221	WEAVING MILLS, MANMADE FIBER, SILK.	14.5	8.5	-	.9	3.7	1.0	.3
2231	WEAVING AND FINISHING MILLS, WOOL.	3.3	3.0	-	.1	.1	.1	.1
2241	NARROW FABRIC MILLS. . . . .	.4	.2	-	.1	-	-	-
225	KNITTING MILLS.	21.0	15.7	-	.6	.8	1.5	2.4
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	(D)	(D)	-	(D)	-	(D)	(D)
2252	HOSIERY, NEC.	(D)	(D)	-	-	-	-	(D)
2253	KNIT OUTERWEAR MILLS.	(D)	(D)	-	-	-	(D)	(D)
2254	KNIT UNDERWEAR MILLS. . . . .	.8	.6	-	-	-	-	.2
2257	CIRCULAR KNIT FABRIC MILLS.	13.1	9.8	-	(D)	.6	(D)	1.6
2258	WARP KNIT FABRIC MILLS.	2.3	2.0	-	-	.1	-	.1
226	TEXTILE FINISHING, EXCEPT WOOL.	21.4	17.9	.3	.3	1.1	.4	1.4
2261	FINISHING PLANTS, COTTON.	8.8	7.3	(D)	.2	.3	(D)	.7
2262	FINISH. PLTS, MANMADE FIBER, SILK.	6.3	4.9	(D)	-	.5	(D)	.5
2269	FINISHING PLANTS, NEC.	6.3	5.7	-	.1	.2	.1	.2
227	FLOOR COVERING MILLS.	9.8	7.8	-	.4	.5	.2	.9
2271	WOVEN CARPETS AND RUGS.	(D)	(D)	-	(D)	(D)	-	-
2272	TUFTED CARPETS AND RUGS.	8.8	7.0	-	(D)	(D)	.2	.8
2279	CARPETS AND RUGS, NEC.	(D)	(D)	-	-	-	-	-
228	YARN AND THREAD MILLS.	9.3	(D)	(D)	1.2	1.1	1.0	.3
2281	YARN MILLS, EXCEPT WOOL.	3.2	1.6	-	.9	.3	.3	.2
2282	THROWING AND WINDING MILLS.	3.0	1.7	.2	.2	.7	.1	.1
2283	WOOL YARN MILLS. . . . .	.6	.1	-	-	-	.4	-
2284	THREAD MILLS.	2.5	(D)	(D)	.1	.1	.1	-

See footnotes at end of table.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
22	TEXTILE MILL PRODUCTS--CON.										
229	MISCELLANEOUS TEXTILE GOODS. . .	21.2	10.0	8.7	3.0	2.5	-	-	0.2	(D)	(D)
2291	FELT GOODS, EXC. WOVEN FELT, HATS. . .	.6	.6	.6	(D)	(D)	-	-	-	(D)	(D)
2294	PROCESSED TEXTILE WASTE. . .	(D)	1.2	1.0	.9	.9	-	-	-	-	(D)
2295	COATED FABRICS, NOT RUBBERIZED. . .	4.7	3.4	3.2	.3	.1	-	-	.2	-	-
2296	TIRE CORD AND FABRIC. . .	8.2	.8	.5	(D)	(D)	-	-	-	-	-
2297	NONWOVEN FABRICS. . .	3.1	1.5	1.5	1.1	1.0	-	-	-	-	-
2298	CORDAGE AND TWINE. . .	(D)	.4	.3	(D)	(D)	-	-	-	-	-
2299	TEXTILE GOODS, NEC. . .	(D)	1.9	1.5	.3	.3	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	265.2	159.8	122.5	37.8	24.2	2.0	0.1	9.6	0.4	1.5
242	SAWMILLS AND PLANING MILLS. . .	207.1	126.6	99.7	28.0	19.5	(D)	-	6.6	(D)	.8
2421	SAWMILLS, PLANING MILLS, GENERAL. . .	203.7	123.3	99.5	27.9	19.5	(D)	-	6.6	(D)	.8
2426	HARDWOOD DIMENSION AND FLOORING. . .	(D)	(D)	.2	-	-	-	-	-	-	-
243	MILLWORK, PLYWOOD, STRUC. MEMBS. . .	28.4	18.7	11.0	(D)	(D)	(D)	-	(D)	(D)	(D)
2431	MILLWORK. . .	(D)	(D)	1.2	-	-	-	-	-	-	-
2435	HARDWOOD VENEER AND PLYWOOD. . .	(D)	(D)	.6	(D)	-	-	-	(D)	-	-
2436	SOFTWOOD VENEER AND PLYWOOD. . .	(D)	10.6	9.3	4.3	(D)	(D)	-	1.7	(D)	(D)
2449	WOOD CONTAINERS, NEC. . .	.1	(D)	(D)	-	-	-	-	-	-	-
249	MISCELLANEOUS WOOD PRODUCTS. . .	29.0	14.0	11.1	5.2	(D)	-	-	1.1	(D)	.1
2491	WOOD PRESERVING. . .	.8	.3	.2	(D)	-	-	-	-	-	-
2492	PARTICLEBOARD. . .	2.0	1.9	1.3	(D)	(D)	-	-	(D)	(D)	-
2499	WOOD PRODUCTS, NEC. . .	25.4	11.8	9.6	4.5	3.6	-	-	(D)	(D)	.1
25	FURNITURE AND FIXTURES. . .	9.2	6.4	6.2	(D)	(D)	-	-	(D)	(D)	(D)
251	HOUSEHOLD FURNITURE. . .	4.6	3.8	3.7	.3	(D)	-	-	(D)	(D)	(D)
2511	WOOD HOUSEHOLD FURNITURE. . .	2.7	2.1	2.0	.1	-	-	-	(D)	(D)	(D)
2514	METAL HOUSEHOLD FURNITURE. . .	(D)	1.2	1.2	(D)	(D)	-	-	-	-	-
2522	METAL OFFICE FURNITURE. . .	2.8	1.2	1.3	.1	.1	-	-	-	-	-
2531	PUBLIC BLDG., RELATED FURNITURE. . .	(D)	.3	.3	(D)	(D)	-	-	-	-	-
2542	METAL PARTITIONS AND FIXTURES. . .	.6	.5	.5	(D)	(D)	-	-	-	-	-
2591	DRAPERY HARDWARE, BLINDS, SHADES. . .	(D)	.6	.5	.1	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	8126.9	2415.4	2300.5	1249.9	1096.6	45.2	5.6	73.8	6.4	22.4
2611	PULPMILLS. . .	925.7	256.3	250.7	139.8	133.9	(D)	(D)	2.5	(D)	1.1
2621	PAPERMILLS, EXCEPT BUILDING PAPER. . .	3839.0	1277.9	1231.1	621.3	556.4	21.7	2.8	30.9	2.7	6.9
2631	PAPERBOARD MILLS. . .	3126.3	770.4	716.5	451.1	377.9	15.8	2.3	39.1	3.1	13.0
264	MISC. CONVERTED PAPER PRODUCTS. . .	143.8	82.9	77.2	27.9	19.9	(D)	(D)	(D)	-	1.2
2641	PAPER COATING AND GLAZING. . .	44.8	27.4	23.2	16.9	10.4	(D)	(D)	.1	-	(D)
2643	BAGS, EXCEPT TEXTILE BAGS. . .	38.0	10.2	9.3	(D)	(D)	-	(D)	(D)	-	(D)
2645	DIE-CUT PAPER AND BOARD. . .	(D)	3.3	(D)	(D)	-	-	-	-	-	-
2646	PRESSED AND MOULDED PULP GOODS. . .	43.1	35.2	34.8	(D)	(D)	-	-	(D)	-	(D)
2647	SANITARY PAPER PRODUCTS. . .	13.5	6.4	6.3	(D)	(D)	-	-	-	-	-
265	PAPERBOARD CONTAINERS AND BOXES. . .	11.4	5.6	5.2	1.2	1.0	-	-	(D)	-	(D)
2651	FOLDING PAPERBOARD BOXES. . .	3.4	1.8	1.7	(D)	(D)	-	-	-	-	-
2654	SANITARY FOOD CONTAINERS. . .	6.8	2.8	2.6	(D)	(D)	-	-	(D)	-	-
2661	BUILDING PAPER AND BOARD MILLS. . .	80.6	22.4	19.8	8.6	7.6	.4	-	.3	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . .	11098.7	4176.2	3911.2	1577.5	226.6	348.3	16.8	928.8	13.3	43.7
281	INDUSTRIAL INORGANIC CHEMICALS. . .	1884.1	807.9	760.2	188.4	61.9	19.4	1.7	95.3	2.8	7.3
2812	ALKALIES AND CHLORINE. . .	472.3	353.0	342.3	104.3	(D)	(D)	-	71.9	.8	2.8
2813	INDUSTRIAL GASES. . .	457.9	(D)	(D)	(D)	-	-	-	(D)	-	-
2816	INORGANIC PIGMENTS. . .	153.5	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)
2819	INDUSTRIAL INORGANIC CHEM., NEC. . .	800.4	261.8	236.0	44.0	29.2	(D)	1.6	8.8	(D)	(D)
282	PLASTICS MATERIALS, SYNTHETICS. . .	1993.4	567.6	539.1	177.4	55.1	11.2	3.4	92.9	3.1	11.6
2821	PLASTICS MATERIALS AND RESINS. . .	711.1	201.8	185.6	105.7	12.6	(D)	(D)	80.2	.7	4.8
2822	SYNTHETIC RUBBER. . .	325.6	(D)	30.0	(D)	(D)	-	-	(D)	(D)	(D)
2823	CELLULOSIC MANMADE FIBERS. . .	299.8	(D)	81.8	(D)	(D)	-	-	(D)	(D)	(D)
2824	ORGANIC FIBERS, NONCELLULOSIC. . .	656.9	248.7	241.7	43.2	23.7	(D)	1.9	7.9	(D)	3.0
283	DRUGS. . .	223.7	61.0	56.1	15.2	5.2	-	1.6	6.9	.5	.9
2831	BIOLOGICAL PRODUCTS. . .	3.1	.9	.8	.4	(D)	-	-	-	.2	-
2833	MEDICINALS AND BOTANICALS. . .	35.6	19.0	18.2	3.0	(D)	-	-	.9	-	.2
2834	PHARMACEUTICAL PREPARATIONS. . .	185.1	41.2	37.1	11.8	3.2	-	1.5	6.1	.3	.7
284	SOAPS, CLEANERS, TOILET GOODS. . .	90.2	40.9	38.0	4.4	.8	-	-	3.2	.1	.3
2841	SOAP AND OTHER DETERGENTS. . .	56.4	22.1	21.1	3.2	.2	-	-	2.6	-	.2
2842	POLISHES AND SANITATION GOODS. . .	2.1	1.8	1.5	.1	-	-	-	-	-	-
2843	SURFACE ACTIVE AGENTS. . .	18.5	9.9	9.6	1.1	.4	-	-	.5	.1	.1
2844	TOILET PREPARATIONS. . .	11.8	7.1	5.9	.1	-	-	-	-	-	-
2851	PAINTS AND ALLIED PRODUCTS. . .	10.3	5.5	5.3	.9	.1	-	-	.7	.1	-
286	INDUSTRIAL ORGANIC CHEMICALS. . .	5101.1	2219.8	2103.0	1106.0	77.0	315.8	9.2	680.6	5.1	18.3
2861	GUM AND WOOD CHEMICALS. . .	65.0	17.9	14.9	4.0	1.4	-	-	2.5	-	.1
2865	CYCLIC CRUDES AND INTERMEDIATES. . .	485.8	91.2	82.0	54.8	11.1	-	.3	39.6	.5	3.3
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC. . .	4550.3	2110.7	2006.2	1047.2	64.4	315.7	8.9	638.5	4.6	14.9
287	AGRICULTURAL CHEMICALS. . .	1481.7	298.3	251.4	62.8	15.5	(D)	(D)	40.6	.6	(D)
2873	NITROGENOUS FERTILIZERS. . .	(D)	115.7	95.4	18.8	(D)	(D)	(D)	11.4	.4	2.8
2874	PHOSPHATIC FERTILIZERS. . .	546.5	129.8	110.2	18.9	9.0	(D)	(D)	7.9	.2	(D)
289	MISCELLANEOUS CHEMICAL PRODUCTS. . .	313.5	175.1	158.1	22.3	11.0	(D)	(D)	8.6	.9	(D)
2891	ADHESIVES AND SEALANTS. . .	20.3	6.5	6.1	.4	.2	-	-	.2	-	-
2892	EXPLOSIVES. . .	107.3	98.9	97.6	11.4	7.2	-	(D)	3.1	.5	(D)
2893	PRINTING INK. . .	(D)	.1	.1	-	-	-	-	-	-	-
2895	CARBON BLACK. . .	(D)	13.7	10.6	.7	-	-	-	-	(D)	(D)
2899	CHEMICAL PREPARATIONS, NEC. . .	170.8	55.8	43.7	9.8	3.6	(D)	-	5.2	(D)	(D)

See footnotes at end of table.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973—Continued

(Billions gallons)								
SIC code	Industry group and industry	Water discharged--Continued						
		Untreated, by last use						Boiler feed and other uses
		Total	Process	Cooling and condensing			Sanitary service	
				Steam electric power generation	Air conditioning	Other		
22	TEXTILE MILL PRODUCTS--CON.							
229	MISCELLANEOUS TEXTILE GOODS. . .	5.7	(D)	-	0.5	3.1	0.5	(D)
2291	FELT GOODS, EXC. WOVEN FELT, HATS. . .	(D)	(D)	-	-	-	(D)	-
2294	PROCESSED TEXTILE WASTE. . .	.1	0.1	-	-	-	-	-
2295	COATED FABRICS, NOT RUBBERIZED. . .	2.9	-	-	.2	2.5	(D)	(D)
2296	TIRE CORD AND FABRIC. . .	(D)	(D)	-	-	(D)	(D)	-
2297	NONWOVEN FABRICS. . .	.4	.3	-	-	-	.1	-
2298	CORDAGE AND TWINE. . .	(D)	(D)	-	-	-	-	(D)
2299	TEXTILE GOODS, NEC. . .	1.2	.4	-	.2	(D)	.1	(D)
24	LUMBER AND WOOD PRODUCTS . . .	84.6	32.3	32.8	(D)	6.8	(D)	11.1
242	SAWMILLS AND PLANING MILLS . . .	71.7	28.7	30.4	-	2.7	.6	9.3
2421	SAWMILLS, PLANING MILLS, GENERAL. . .	71.5	28.7	30.4	-	2.6	.6	9.2
2426	HARDWOOD DIMENSION AND FLOORING. . .	.2	-	-	-	.1	-	.1
243	MILLWORK, PLYWOOD, STRUC. MEMBS. . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2431	MILLWORK . . .	1.2	-	-	(D)	.1	(D)	(D)
2435	HARDWOOD VENEER AND PLYWOOD. . .	(D)	(D)	(D)	-	(D)	-	-
2436	SOFTWOOD VENEER AND PLYWOOD. . .	5.0	1.9	.2	-	1.9	.2	.8
2449	WOOD CONTAINERS, NEC	(D)	-	-	-	-	-	-
249	MISCELLANEOUS WOOD PRODUCTS. . .	6.0	(D)	(D)	-	(D)	.2	.4
2491	WOOD PRESERVING.	(D)	-	-	-	(D)	-	(D)
2492	PARTICLEBOARD.	(D)	-	-	-	(D)	-	(D)
2499	WOOD PRODUCTS, NEC	5.1	(D)	(D)	-	(D)	.1	.1
25	FURNITURE AND FIXTURES	(D)	(D)	(D)	(D)	(D)	(D)	(D)
251	HOUSEHOLD FURNITURE.	3.3	(D)	(D)	(D)	.6	.2	(D)
2511	WOOD HOUSEHOLD FURNITURE	1.9	-	(D)	-	.1	(D)	(D)
2514	METAL HOUSEHOLD FURNITURE.	(D)	(D)	-	-	(D)	(D)	-
2522	METAL OFFICE FURNITURE	1.2	.6	-	.1	.3	.1	.1
2531	PUBLIC BLDG., RELATED FURNITURE.	(D)	-	-	-	(D)	-	-
2542	METAL PARTITIONS AND FIXTURES.	(D)	(D)	-	-	(D)	(D)	-
2591	DRAPERY HARDWARE, BLINDS, SHADES . . . . .	.4	(D)	-	-	.2	-	(D)
26	PAPER AND ALLIED PRODUCTS. . .	1050.6	434.2	442.0	2.7	130.2	14.2	27.1
2611	PULPMILLS.	110.9	95.8	(D)	(D)	6.3	(D)	2.2
2621	PAPERMILLS, EXCEPT BUILDING PAPER.	609.7	237.8	300.5	1.0	40.1	11.4	18.9
2631	PAPERBOARD MILLS	265.4	79.1	105.1	.8	74.8	.9	4.8
264	MISC. CONVERTED PAPER PRODUCTS	49.3	12.9	(D)	.6	(D)	.9	.6
2641	PAPER COATING AND GLAZING.	6.3	2.4	-	.1	3.1	.5	.2
2643	BAGS, EXCEPT TEXTILE BAGS.	(D)	(D)	-	(D)	(D)	(D)	-
2645	DIE-CUT PAPER AND BOARD.	(D)	(D)	-	(D)	(D)	(D)	(D)
2646	PRESSED AND MOLDED PULP GOODS.	(D)	(D)	(D)	(D)	(D)	-	(D)
2647	SANITARY PAPER PRODUCTS.	(D)	(D)	-	-	(D)	(D)	(D)
265	PAPERBOARD CONTAINERS AND BOXES.	4.0	.3	(D)	(D)	1.9	(D)	(D)
2651	FOLDING PAPERBOARD BOXES	(D)	-	(D)	-	(D)	(D)	-
2654	SANITARY FOOD CONTAINERS	(D)	.1	-	.1	(D)	.1	-
2661	BUILDING PAPER AND BOARD MILLS	11.2	8.3	1.3	-	(D)	.2	(D)
28	CHEMICALS AND ALLIED PRODUCTS. . .	2333.7	146.6	208.4	73.1	1854.1	11.1	40.3
281	INDUSTRIAL INORGANIC CHEMICALS	571.8	45.7	91.8	(D)	398.7	(D)	8.5
2812	ALKALIES AND CHLORINE.	238.0	16.1	(D)	(D)	137.0	(D)	1.4
2813	INDUSTRIAL GASES	(D)	(D)	-	-	(D)	(D)	(D)
2816	INORGANIC PIGMENTS	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2819	INDUSTRIAL INORGANIC CHEM., NEC.	192.0	26.4	23.2	.5	138.3	1.5	2.1
282	PLASTICS MATERIALS, SYNTHETICS	361.7	14.5	37.4	40.4	259.5	1.2	8.7
2821	PLASTICS MATERIALS AND RESINS.	79.9	3.5	(D)	(D)	66.5	.8	3.2
2822	SYNTHETIC RUBBER	(D)	(D)	-	-	(D)	-	(D)
2823	CELLULOSIC MANMADE FIBERS.	(D)	(D)	(D)	(D)	(D)	-	(D)
2824	ORGANIC FIBERS, NONCELLULOSIC.	198.5	6.7	25.4	36.1	126.9	.4	3.0
283	DRUGS.	40.9	2.6	(D)	(D)	30.1	2.1	1.0
2831	BIOLOGICAL PRODUCTS. . . . .	.4	(D)	-	-	.2	.1	(D)
2833	MEDICINALS AND BOTANICALS.	15.2	(D)	-	(D)	14.1	-	(D)
2834	PHARMACEUTICAL PREPARATIONS.	25.3	2.0	(D)	(D)	15.9	2.0	.6
284	SOAPS, CLEANERS, TOILET GOODS.	33.6	4.3	(D)	(D)	21.8	1.7	2.2
2841	SOAP AND OTHER DETERGENTS.	17.9	.9	(D)	(D)	12.1	.3	1.4
2842	POLISHES AND SANITATION GOODS.	1.4	(D)	-	(D)	.7	.1	-
2843	SURFACE ACTIVE AGENTS.	8.5	.7	-	-	7.5	-	.2
2844	TOILET PREPARATIONS.	5.8	(D)	-	-	1.5	1.3	.6
2851	PAINTS AND ALLIED PRODUCTS	4.3	.2	-	.3	3.3	.3	.3
286	INDUSTRIAL ORGANIC CHEMICALS	997.1	61.3	67.0	2.3	852.7	1.8	12.0
2861	GUM AND WOOD CHEMICALS	10.9	.1	-	(D)	10.3	-	(D)
2865	CYCLIC CRUDES AND INTERMEDIATES.	27.2	2.9	-	-	23.2	.3	.8
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC.	959.0	58.2	67.0	(D)	819.3	1.5	(D)
287	AGRICULTURAL CHEMICALS	188.6	8.5	(D)	.3	170.5	(D)	4.5
2873	NITROGENOUS FERTILIZERS.	76.6	(D)	(D)	(D)	(D)	.1	1.4
2874	PHOSPHATIC FERTILIZERS	91.3	5.4	(D)	-	84.5	(D)	1.1
289	MISCELLANEOUS CHEMICAL PRODUCTS.	135.7	9.5	4.5	.1	117.6	1.0	3.1
2891	ADHESIVES AND SEALANTS	5.6	.1	-	-	5.0	.1	.4
2892	EXPLOSIVES	86.2	3.6	(D)	-	78.7	(D)	1.0
2893	PRINTING INK . . . . .	.1	-	-	-	-	-	-
2895	CARBON BLACK	9.9	.7	-	-	8.8	.1	.3
2899	CHEMICAL PREPARATIONS, NEC	33.9	5.1	(D)	.1	25.1	(D)	1.4

See footnotes at end of table.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
29	PETROLEUM AND COAL PRODUCTS..	8158.1	1282.5	1158.9	694.3	54.1	(D)	(D)	524.1	(D)	61.5
2911	PETROLEUM REFINING	8145.5	1278.0	1155.3	692.8	53.2	(D)	(D)	523.7	(D)	61.3
295	PAVING AND ROOFING MATERIALS ..	11.4	3.9	3.2	1.3	.9	-	-	(D)	-	(D)
2951	PAVING MIXTURES AND BLOCKS	1.4	1.1	1.0	.5	(D)	-	-	-	-	(D)
2952	ASPHALT FELTS AND COATINGS	10.5	2.9	2.2	.8	(D)	-	-	(D)	-	(D)
299	MISC. PETROLEUM, COAL PRODUCTS ..	.8	.6	.4	.2	-	-	-	(D)	-	(D)
2992	LUBRICATING OILS AND GREASES	(D)	.4	.4	(D)	-	-	-	(D)	-	(D)
2999	PETROLEUM AND COAL PRODUCTS, NEC ..	(D)	.2	-	(D)	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD.	443.2	153.5	142.6	26.7	10.3	-	1.4	11.9	0.9	2.2
3011	TUBES AND INNER TUBES	123.2	36.3	33.0	5.0	(D)	-	.1	3.6	.3	(D)
3041	RUBBER, PLASTICS HOSE AND FELTING ..	(D)	4.4	4.3	(D)	(D)	-	-	-	-	-
3069	FABRICATED RUBBER PRODUCTS, NEC.	(D)	31.3	28.9	3.8	.7	-	.1	(D)	.1	(D)
3079	MISCELLANEOUS PLASTICS PRODUCTS.	244.6	78.5	73.9	17.6	9.0	-	1.2	5.6	.5	1.3
31	LEATHER AND LEATHER PRODUCTS ..	10.3	8.3	7.9	3.0	2.8	-	-	-	-	.1
3111	LEATHER TANNING AND FINISHING.	(D)	7.6	7.3	3.0	2.8	-	-	-	-	.1
32	STONE, CLAY, GLASS PRODUCTS.	474.9	219.4	191.9	34.1	18.9	0.4	.5	11.0	.7	2.4
3211	FLAT GLASS	71.6	32.1	31.9	3.3	(D)	(D)	-	-	-	-
322	GLASS, PRESSED OR BLOWN.	122.9	23.7	21.2	8.8	4.2	-	(D)	3.7	(D)	.4
3221	GLASS CONTAINERS	40.2	12.6	11.3	4.2	1.6	-	(D)	2.3	(D)	.2
3229	PRESSED AND BLOWN GLASS, NEC.	82.8	11.1	9.9	4.5	2.6	-	.1	1.4	.2	.2
3231	PRODUCTS OF PURCHASED GLASS.	9.0	6.1	6.0	(D)	(D)	-	-	(D)	-	-
3241	CEMENT, HYDRAULIC.	119.7	73.3	60.4	6.1	1.0	-	-	3.9	.2	.9
325	STRUCTURAL CLAY PRODUCTS	(D)	.7	.5	(D)	-	-	-	-	-	-
3255	CLAY REFRACTORIES.	(D)	.6	(D)	(D)	-	-	-	-	-	-
326	POTTERY AND RELATED PRODUCTS ..	7.5	3.1	2.7	1.3	.5	-	(D)	(D)	-	.3
3261	VITREOUS PLUMBING FIXTURES	5.5	1.4	1.2	.6	.2	-	-	.1	-	.2
3262	VITREOUS CHINA, FOOD UTENSILS .....	.4	.4	.3	(D)	(D)	-	-	-	-	-
3263	FINE EARTHWARE FOOD UTENSILS	(D)	.1	.1	(D)	-	-	-	-	-	-
3264	PORCELAIN ELECTRICAL SUPPLIES.	(D)	1.2	1.0	.6	(D)	-	(D)	(D)	-	.1
327	CONCRETE, GYPSUM, PLASTER PRODS.	42.6	27.2	20.4	3.6	2.6	-	-	.7	.1	.2
3271	CONCRETE BLOCK AND BRICK .....	.4	.4	.4	(D)	(D)	-	-	-	-	-
3272	CONCRETE PRODUCTS, NEC.	(D)	.7	.6	(D)	(D)	-	-	-	-	(D)
3273	READY-MIXED CONCRETE	22.3	14.4	12.9	1.1	(D)	-	-	-	-	(D)
3274	LIME	11.2	6.0	3.7	1.8	1.2	-	-	(D)	-	(D)
3275	GYPSUM PRODUCTS.	(D)	5.6	2.8	.3	(D)	-	-	(D)	-	-
3281	CUT STONE AND STONE PRODUCTS	(D)	1.8	1.8	(D)	(D)	-	-	-	-	-
329	MISC. NONMETALLIC MINERAL PRODS.	97.7	51.4	46.9	9.5	6.4	(D)	-	2.3	(D)	.6
3291	ABRASIVE PRODUCTS.	7.5	5.3	5.0	1.0	.6	-	-	.4	-	-
3292	ASBESTOS PRODUCTS.	16.9	6.4	5.9	3.1	2.4	-	-	.7	-	.1
3293	GASKETS, PACKING, SEALING DEVICES.	2.3	1.9	1.8	.9	(D)	(D)	-	-	-	.5
3295	MINERALS, GROUND OR TREATED.	33.1	23.8	22.2	3.8	(D)	-	-	(D)	-	-
3296	MINERAL WOOL	25.5	5.4	3.4	.4	(D)	-	-	(D)	-	-
3297	NONCLAY REFRACTORIES	4.7	1.6	1.5	(D)	-	-	-	-	-	-
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	7.7	7.0	6.5	(D)	(D)	-	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES	8841.7	4941.2	4756.7	2055.2	1082.4	214.9	52.6	658.4	11.5	35.4
331	BLAST FURNACE, BASIC STEEL PROD.	6972.4	4249.6	4094.9	1710.0	998.5	(D)	50.6	(D)	7.7	(D)
3312	BLAST FURNACES AND STEEL MILLS	6697.2	4012.8	3860.7	1683.1	985.5	(D)	50.5	475.2	(D)	(D)
3313	ELECTROMETALLURGICAL PRODUCTS.	230.9	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)
3315	STEEL WIRE AND RELATED PRODUCTS.	16.2	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-
3316	COLD FINISHING OF STEEL SHAPES	18.4	14.2	14.0	(D)	(D)	-	-	(D)	-	-
3317	STEEL PIPE AND TUBES	9.6	(D)	(D)	(D)	(D)	-	-	-	-	-
332	IRON AND STEEL FOUNDRIES	245.3	57.9	53.0	23.7	8.7	-	.1	13.5	.6	.7
3321	GRAY IRON FOUNDRIES.	219.1	47.2	42.7	21.7	8.0	-	.1	12.2	.6	.7
3325	STEEL FOUNDRIES, NEC.	15.4	7.0	6.8	1.2	(D)	-	-	(D)	-	-
333	PRIMARY NONFERROUS METALS.	1309.1	532.9	513.7	293.2	59.7	(D)	1.9	(D)	2.2	6.4
3331	PRIMARY COPPER	154.4	50.2	38.1	1.5	(D)	(D)	-	(D)	.2	(D)
3332	PRIMARY LEAD	21.2	7.4	4.8	.8	(D)	-	-	(D)	-	-
3334	PRIMARY ALUMINUM	721.9	175.6	172.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3341	SECONDARY NONFERROUS METALS.	8.7	3.1	2.8	.9	.7	-	-	.2	-	-
335	NONFERROUS ROLLING AND DRAWING ..	276.3	85.3	80.7	23.5	13.1	-	-	9.2	.9	.3
3351	COPPER ROLLING AND DRAWING	65.9	30.5	30.0	9.9	5.1	-	-	4.6	.1	.1
3353	ALUMINUM SHEET, PLATE, AND FOIL.	116.2	24.8	23.3	7.6	3.7	-	-	3.6	.3	-
3354	ALUMINUM EXTRUDED PRODUCTS.	15.2	6.1	5.7	1.9	1.4	-	-	.3	(D)	(D)
3355	ALUMINUM ROLLING AND DRAWING, NEC.	4.2	2.9	2.9	(D)	(D)	-	-	-	-	-
3356	NONFERROUS ROLLING & DRAWING, NEC.	26.1	7.6	6.3	(D)	(D)	-	-	(D)	(D)	-
3357	NONFERROUS WIREDRAWING, INSULATING.	48.6	13.2	12.5	1.0	.7	-	-	(D)	-	(D)
336	NONFERROUS FOUNDRIES	19.4	7.3	6.9	2.0	.6	-	-	1.4	-	-
3361	ALUMINUM FOUNDRIES	16.6	5.3	5.0	1.7	(D)	-	-	(D)	-	-
3362	BRASS, BRONZE, COPPER FOUNDRIES. ....	.6	.5	.5	(D)	-	-	-	-	-	-
3369	NONFERROUS FOUNDRIES, NEC.	2.1	1.5	1.4	(D)	(D)	-	-	(D)	-	-
339	MISC. PRIMARY METAL PRODUCTS ..	10.5	5.2	4.7	1.9	1.2	-	-	(D)	.1	(D)
3398	METAL HEAT TREATING.	3.9	3.2	2.8	1.1	.7	-	-	(D)	-	(D)
3399	PRIMARY METAL PRODUCTS, NEC.	6.6	2.0	1.9	.8	.5	-	-	.2	.1	-
34	FABRICATED METAL PRODUCTS.	268.0	107.3	100.8	27.1	17.6	(D)	(D)	4.8	1.4	2.9
341	METAL CANS, SHIPPING CONTAINERS.	6.9	4.9	4.8	(D)	(D)	-	-	-	-	-
3411	METAL CANS	(D)	4.1	4.0	(D)	(D)	-	-	-	-	-
3412	METAL BARRELS, DRUMS, AND PAILS.	(D)	.8	.8	(D)	-	(D)	-	-	-	-

See footnotes at end of table.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973—Continued

(Billions gallons)

SIC code	Industry group and industry	Water discharged—Continued						
		Untreated, by last use						Boiler feed and other uses
		Total	Process	Cooling and condensing			Sanitary service	
				Steam electric power generation	Air conditioning	Other		
29	PETROLEUM AND COAL PRODUCTS. . .	464.6	5.2	46.1	0.7	389.9	2.7	20.0
2911	PETROLEUM REFINING	462.5	4.9	45.9	.6	389.1	2.6	19.4
295	PAVING AND ROOFING MATERIALS. . .	1.9	.3	.2	-	(D)	.1	(D)
2951	PAVING MIXTURES AND BLOCKS. . . .	.5	-	-	-	-	-	.4
2952	ASPHALT FELTS AND COATINGS. . . .	1.4	.2	.2	-	(D)	.1	(D)
299	MISC. PETROLEUM, COAL PRODUCTS. .	.2	-	-	-	(D)	-	(D)
2992	LUBRICATING OILS AND GREASES. . .	(D)	-	-	-	(D)	-	-
2999	PETROLEUM AND COAL PRODUCTS, NEC. .	(D)	-	-	-	-	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	115.3	15.1	(D)	10.1	76.8	(D)	4.1
3011	TIRES AND INNER TUBES.	28.0	4.9	-	.6	19.2	1.2	2.1
3041	RUBBER, PLASTICS HOSE AND BELTING. .	(D)	(D)	-	(D)	(D)	(D)	(D)
3069	FABRICATED RUBBER PRODUCTS, NEC. .	25.1	2.1	.1	.5	20.4	1.1	.9
3079	MISCELLANEOUS PLASTICS PRODUCTS. .	56.2	7.6	(D)	7.7	32.9	1.3	(D)
31	LEATHER AND LEATHER PRODUCTS. . .	4.8	4.0	-	-	.2	.4	.1
3111	LEATHER TANNING AND FINISHING. . .	4.3	4.0	-	-	(D)	.1	(D)
32	STONE, CLAY, GLASS PRODUCTS. . .	157.8	46.6	50.2	2.4	43.1	3.8	11.7
3211	FLAT GLASS.	28.6	(D)	(D)	(D)	6.8	(D)	2.4
322	GLASS, PRESSED OR BLOWN.	12.5	3.5	-	.1	7.5	1.0	.3
3221	GLASS CONTAINERS.	7.1	1.8	-	-	4.7	.5	.1
3229	PRESSED AND BLOWN GLASS, NEC. . . .	5.4	1.7	-	.1	2.8	.5	.3
3231	PRODUCTS OF PURCHASED GLASS. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3241	CEMENT, HYDRAULIC.	54.3	2.3	31.4	.3	15.1	.4	4.9
325	STRUCTURAL CLAY PRODUCTS.	(D)	-	-	-	(D)	-	-
3255	CLAY REFRACTORIES.	(D)	-	-	-	(D)	-	-
326	POTTERY AND RELATED PRODUCTS. . .	1.4	.3	-	-	.6	.3	.1
3261	VITREOUS PLUMBING FIXTURES. . . . .	.7	.1	-	-	(D)	(D)	-
3262	VITREOUS CHINA FOOD UTENSILS. . . .	(D)	(D)	-	-	-	(D)	-
3263	FINE EARTHENWARE FOOD UTENSILS. . .	(D)	-	-	-	-	-	-
3264	PORCELAIN ELECTRICAL SUPPLIES. . . .	.4	(D)	-	-	(D)	(D)	-
327	CONCRETE, GYPSUM, PLASTER PRODS. .	16.8	12.5	-	-	2.4	.3	1.5
3271	CONCRETE BLOCK AND BRICK.	(D)	(D)	-	-	-	-	(D)
3272	CONCRETE PRODUCTS, NEC.	(D)	(D)	-	-	-	-	(D)
3273	READY-MIXED CONCRETE.	11.8	11.1	-	-	(D)	.1	(D)
3274	LIME.	1.9	(D)	-	-	1.3	-	(D)
3275	GYPSUM PRODUCTS.	2.5	(D)	-	-	(D)	.2	(D)
3281	CUT STONE AND STONE PRODUCTS. . . .	(D)	(D)	-	-	-	-	-
329	MISC. NONMETALLIC MINERAL PRODS. .	37.4	24.2	(D)	.7	9.0	1.0	(D)
3291	ABRASIVE PRODUCTS.	4.0	1.3	(D)	.4	1.7	.4	(D)
3292	ASBESTOS PRODUCTS.	2.8	.4	(D)	-	1.4	.2	(D)
3293	GASKETS, PACKING, SEALING DEVICES. .	.9	.1	(D)	-	(D)	-	-
3295	MINERALS, GROUND OR TREATED. . . .	19.1	15.9	-	-	2.8	.1	.3
3296	MINERAL WOOL.	3.1	.7	-	.3	(D)	(D)	(D)
3297	NONCLAY REFRACTORIES.	(D)	(D)	-	-	(D)	(D)	-
3299	NONMETALLIC MINERAL PRODUCTS, NEC. .	(D)	(D)	-	-	(D)	-	-
33	PRIMARY METAL INDUSTRIES.	2701.5	199.6	866.2	33.9	1533.2	29.7	38.5
331	BLAST FURNACE, BASIC STEEL PROD. . .	2384.8	152.6	717.0	30.1	1430.0	23.6	31.4
3312	BLAST FURNACES AND STEEL MILLS. . .	2177.6	141.7	606.1	(D)	1392.8	(D)	25.5
3313	ELECTROMETALLURGICAL PRODUCTS. . .	(D)	(D)	(D)	-	-	-	(D)
3315	STEEL WIRE AND RELATED PRODUCTS. . .	(D)	(D)	-	(D)	(D)	(D)	(D)
3316	COLD FINISHING OF STEEL SHAPES. . . .	(D)	(D)	-	-	(D)	(D)	(D)
3317	STEEL PIPE AND TUBES.	(D)	(D)	(D)	-	(D)	(D)	(D)
332	IRON AND STEEL FOUNDRIES.	29.3	2.7	(D)	1.6	20.1	2.7	(D)
3321	GRAY IRON FOUNDRIES.	21.0	1.0	(D)	1.1	15.4	1.9	(D)
3325	STEEL FOUNDRIES, NEC.	5.6	(D)	-	(D)	(D)	(D)	(D)
333	PRIMARY NONFERROUS METALS.	220.5	22.1	144.1	(D)	49.2	(D)	3.4
3331	PRIMARY COPPER.	36.6	7.9	(D)	-	26.7	(D)	.8
3332	PRIMARY LEAD.	4.0	(D)	-	-	(D)	.1	-
3334	PRIMARY ALUMINUM.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3341	SECONDARY NONFERROUS METALS. . . .	1.9	(D)	(D)	-	.1	-	.1
335	NONFERROUS ROLLING AND DRAWING. . .	57.2	19.5	3.6	1.2	29.3	2.1	1.4
3351	COPPER ROLLING AND DRAWING.	20.1	5.3	(D)	.1	10.2	.7	(D)
3353	ALUMINUM SHEET, PLATE, AND FOIL. . .	15.6	6.1	-	.7	8.5	(D)	(D)
3354	ALUMINUM EXTRUDED PRODUCTS.	3.8	1.2	-	-	2.0	.5	-
3355	ALUMINUM ROLLING AND DRAWING, NEC. .	(D)	(D)	-	-	(D)	-	-
3356	NONFERROUS ROLLING & DRAWING, NEC. .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3357	NONFERROUS WIREDRAWING, INSULATING. .	11.6	5.4	-	(D)	5.1	(D)	.5
336	NONFERROUS FOUNDRIES.	4.9	(D)	-	(D)	3.0	(D)	(D)
3361	ALUMINUM FOUNDRIES.	3.3	(D)	-	(D)	2.2	(D)	(D)
3362	BRASS, BRONZE, COPPER FOUNDRIES. . .	(D)	(D)	-	-	(D)	-	-
3369	NONFERROUS FOUNDRIES, NEC.	(D)	(D)	-	-	(D)	-	-
339	MISC. PRIMARY METAL PRODUCTS. . . .	2.8	1.3	-	-	1.3	.1	.1
3398	METAL HEAT TREATING.	1.7	.9	-	-	.6	.1	-
3399	PRIMARY METAL PRODUCTS, NEC.	1.1	.4	-	-	.7	-	-
34	FABRICATED METAL PRODUCTS.	73.7	33.0	2.6	2.3	23.1	7.9	4.5
341	METAL CANS, SHIPPING CONTAINERS. . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3411	METAL CANS.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3412	METAL BARRELS, DRUMS, AND PAILS. . .	(D)	(D)	-	-	(D)	-	-

See footnotes at end of table.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged						
				Total	Treated, by last use					
					Total	Process	Cooling and condensing			Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other	
34	FAB. METAL PRODUCTS--CON.									
342	CUTLERY, HANDTOOLS AND HARDWARE.	31.8	15.3	14.4	2.4	1.8	-	-	(D)	(D)
3421	CUTLERY.	(D)	4.8	(D)	-	-	-	-	-	-
3423	HAND AND EDGE TOOLS, NEC.	3.4	1.5	1.5	(D)	(D)	-	-	-	-
3425	HANDSAWS AND SAW BLADES.	(D)	.6	.6	-	-	-	-	-	-
3429	HARDWARE, NEC.	22.7	8.4	(D)	(D)	(D)	-	-	(D)	(D)
343	PLUMBING, HEATING, EXCEPT ELEC.	10.4	4.0	3.7	(D)	(D)	-	-	(D)	(D)
3431	METAL SANITARY WARE.	4.2	1.4	1.3	(D)	(D)	-	-	-	(D)
3432	PLUMBING FITTINGS AND BRASS GOODS.	1.6	.7	.7	.1	.1	-	-	-	-
3433	HEATING EQUIPMENT, EXC. ELECTRIC.	4.6	1.6	1.7	(D)	(D)	-	-	(D)	-
344	FABRICATED STRUC. METAL PRODS..	17.2	8.1	7.8	1.6	1.2	-	-	0.3	-
3441	FABRICATED STRUCTURAL METAL. . . .	(D)	1.0	.9	.1	.1	-	-	-	-
3442	METAL DOORS, SASH, AND TRIM. . . .	3.0	2.3	2.2	.7	(D)	-	-	(D)	-
3443	FABRICATED PLATEWORK, BOILER SHOP.	4.4	2.8	2.7	.3	(D)	-	-	(D)	-
3444	SHEET METALWORK.	2.3	1.2	1.2	(D)	(D)	-	-	-	-
3449	MISCELLANEOUS METALWORK.	(D)	.4	.4	(D)	(D)	-	-	-	-
345	SCREW MACHINE PROD., BOLTS, ETC.	9.6	5.9	5.7	(D)	(D)	-	-	(D)	-
346	METAL FORGINGS AND STAMPINGS. . .	112.2	23.8	22.0	3.2	2.4	-	-	.5	(D)
3462	IRON AND STEEL FORGINGS.	13.5	6.2	5.6	.4	.3	-	-	-	(D)
3463	NONFERROUS FORGINGS.	(D)	1.9	1.6	.4	(D)	-	-	(D)	-
3465	AUTOMOTIVE STAMPINGS.	90.4	11.3	11.0	1.3	1.2	-	-	-	-
3466	CROWNS AND CLOSURES.	(D)	.2	.2	-	-	-	-	-	-
3469	METAL STAMPINGS, NEC.	5.5	4.1	3.6	1.0	(D)	-	-	(D)	(D)
347	METAL SERVICES, NEC.	15.0	12.7	12.4	5.3	5.0	-	-	.2	-
3471	PLATING AND POLISHING.	13.0	11.6	11.4	4.9	4.7	-	-	.1	-
3479	METAL COATING AND ALLIED SERVICES.	2.0	1.1	1.1	.4	.3	-	-	-	-
348	ORDNANCE AND ACCESSORIES, NEC..	35.8	13.7	12.2	4.2	1.8	-	(D)	1.0	0.9
3482	SMALL ARMS AMMUNITION.	(D)	2.7	2.7	1.1	(D)	-	-	(D)	(D)
3483	AMMUNITION, EXC. SMALL ARMS, NEC.	16.8	6.4	5.6	2.2	.9	-	-	.6	0.1
3484	SMALL ARMS.	(D)	1.7	1.6	(D)	(D)	-	-	(D)	-
3489	ORDNANCE AND ACCESSORIES NEC. . .	(D)	2.9	2.3	(D)	-	-	(D)	-	(D)
349	MISC. FABRICATED METAL PRODUCTS.	29.0	19.0	17.8	6.7	2.3	(D)	-	2.0	2.1
3493	STEEL SPRINGS, EXCEPT WIRE. . . .	(D)	1.0	1.0	(D)	-	-	-	-	-
3494	VALVES AND PIPE FITTINGS.	14.5	8.4	8.2	(D)	(D)	-	-	(D)	(D)
3495	WIRE SPRINGS.	(D)	.3	.3	(D)	-	-	-	(D)	-
3496	MISC. FABRICATED WIRE PRODUCTS. .	7.0	6.6	5.7	(D)	(D)	(D)	-	(D)	(D)
3497	METAL FOIL AND LEAF.	(D)	.9	.9	.2	.2	-	-	-	-
3498	FABRICATED PIPE AND FITTINGS. . . .	(D)	.2	.2	(D)	(D)	-	-	-	-
3499	FABRICATED METAL PRODUCTS, NEC. .	3.9	1.7	1.5	.4	.2	-	-	.1	.1
35	MACHINERY, EXCEPT ELECTRICAL.	438.3	171.2	165.1	40.7	10.9	(D)	3.7	17.6	(D)
351	ENGINES AND TURBINES.	94.4	60.8	59.9	13.5	1.9	-	(D)	9.8	(D)
3511	TURBINES, TURBINE GENERATOR SETS.	61.5	48.7	48.6	10.5	.5	-	(D)	6.5	(D)
3519	INTERNAL COMBUSTION ENGINES, NEC.	32.9	12.2	11.4	3.0	1.4	-	(D)	1.3	(D)
352	FARM AND GARDEN MACHINERY. . . .	36.2	22.0	21.6	(D)	(D)	(D)	(D)	(D)	-
3523	FARM MACHINERY AND EQUIPMENT. . .	(D)	21.4	21.0	(D)	(D)	(D)	(D)	(D)	-
3524	LAWN AND GARDEN EQUIPMENT.	(D)	.6	.6	-	-	-	-	-	-
353	CONSTRUCTION, RELATED MACHINERY.	82.1	20.4	18.9	5.8	(D)	-	(D)	3.2	(D)
3531	CONSTRUCTION MACHINERY.	60.4	16.3	15.4	(D)	(D)	-	(D)	(D)	(D)
3532	MINING MACHINERY.	(D)	1.8	1.7	-	-	-	-	-	-
3533	OILFIELD MACHINERY.	(D)	1.4	.7	(D)	(D)	-	-	-	-
3536	HOISTS, CRANES, AND MONORAILS. . .	(D)	.2	.2	-	-	-	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS. . .	4.9	.4	.3	(D)	-	-	-	(D)	-
354	METALWORKING MACHINERY.	14.8	6.0	5.8	(D)	(D)	-	(D)	(D)	(D)
3541	MACHINE TOOLS, METAL-CUTTING. . . .	4.6	1.9	1.7	.4	.1	-	(D)	-	-
3542	MACHINE TOOLS, METAL-FORMING. . . .	(D)	.2	.2	(D)	-	-	-	(D)	-
3544	SPECIAL DIES, TOOLS, JIGS, ETC. . . .	.0	.5	.5	(D)	-	-	-	(D)	-
3545	MACHINE TOOL ACCESSORIES.	3.9	1.4	1.4	.2	.1	-	-	-	-
3546	POWER DRIVEN HANDTOOLS.	3.2	1.0	.9	(D)	(D)	-	-	-	-
3547	ROLLING MILL MACHINERY.	1.6	.8	.8	(D)	-	-	-	-	-
3549	METALWORKING MACHINERY, NEC. . . .	(D)	.1	.1	-	-	-	-	-	-
355	SPECIAL INDUSTRY MACHINERY.	18.1	5.1	4.9	1.1	.4	-	(D)	(D)	.2
3551	FOOD PRODUCTS MACHINERY.	(D)	.4	.4	.1	-	-	-	-	-
3552	TEXTILE MACHINERY.	2.8	1.5	1.4	.6	(D)	-	(D)	-	.1
3553	WOODWORKING MACHINERY.	1.3	.5	.4	.2	.1	-	-	-	-
3559	SPECIAL INDUSTRY MACHINERY, NEC..	12.4	1.8	1.7	.3	(D)	-	-	(D)	-
356	GENERAL INDUSTRIAL MACHINERY. . . .	46.2	14.7	12.9	1.9	.6	-	(D)	1.0	.1
3561	PUMPS AND PUMPING EQUIPMENT. . . .	4.3	2.8	2.5	(D)	(D)	-	-	(D)	-
3562	BALL AND ROLLER BEARINGS.	33.9	7.3	5.9	.8	(D)	-	(D)	.4	.1
3563	AIR AND GAS COMPRESSORS.	1.5	1.0	1.0	(D)	-	-	-	(D)	-
3564	BLOWERS AND FANS. . . . .	.3	.3	.3	-	-	-	-	-	-
3566	SPEED CHANGERS, DRIVES, AND GEARS.	(D)	.9	.9	(D)	-	-	-	(D)	-
3567	INDUSTRIAL FURNACES AND OVENS. . . .	.8	.1	.1	(D)	-	-	-	-	-
3568	POWER TRANSMISSION EQUIPMENT, NEC.	2.5	1.9	1.9	.6	(D)	-	-	.3	-
3569	GENERAL INDUSTRIAL MACHINERY, NEC.	(D)	.4	.4	(D)	-	-	-	-	-
357	OFFICE AND COMPUTING MACHINES. . .	53.8	18.7	18.3	1.1	(D)	-	.1	-	(D)
3573	ELECTRONIC COMPUTING EQUIPMENT. . .	41.0	15.3	15.1	.7	.6	-	.1	-	-
3574	CALCULATING, ACCOUNTING MACHINES.	(D)	2.1	(D)	(D)	(D)	-	-	-	(D)
358	REFRIGERATION AND SERVICE MACH.	44.9	20.5	20.0	7.7	4.0	-	(D)	(D)	.1
3581	AUTOMATIC MERCHANDISING MACHINES.	(D)	.2	.2	(D)	-	-	-	-	-
3582	COMMERCIAL LAUNDRY EQUIPMENT. . . .	.2	(D)	.2	(D)	-	-	-	-	-
3585	REFRIGERATION, HEATING EQUIPMENT. .	39.6	18.7	18.2	7.7	4.0	-	(D)	(D)	.1
3586	MEASURING AND DISPENSING PUMPS. . .	(D)	1.1	1.1	(D)	-	-	-	-	-
3589	SERVICE INDUSTRY MACHINERY, NEC..	(D)	.4	.3	(D)	-	-	-	-	-

See footnotes at end of table.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973—Continued

(Billions gallons)

SIC code	Industry group and industry	Water discharged—Continued						
		Untreated, by last use						Boiler feed and other uses
		Total	Process	Cooling and condensing			Sanitary service	
				Steam electric power generation	Air conditioning	Other		
34	FAB. METAL PRODUCTS--CON.							
342	CUTLERY, HANDTOOLS AND HARDWARE.	12.0	8.3	-	0.3	1.9	0.9	0.6
3421	CUTLERY.	(D)	(D)	-	-	(D)	(D)	-
3423	HAND AND EDGE TOOLS, NEC.	(D)	(D)	-	-	(D)	(D)	(D)
3425	HANDSAWS AND SAW BLADES.	.6	.2	-	(D)	(D)	-	-
3429	HARDWARE, NEC.	(D)	(D)	-	(D)	(D)	(D)	(D)
343	PLUMBING, HEATING, EXCEPT ELEC.	(D)	(D)	-	-	(D)	(D)	(D)
3431	METAL SANITARY WARE.	(D)	(D)	-	-	(D)	(D)	(D)
3432	PLUMBING FITTINGS AND BRASS GOODS.	.6	.4	-	-	.1	-	.1
3433	HEATING EQUIPMENT, EXC. ELECTRIC.	(D)	(D)	-	-	(D)	(D)	(D)
344	FABRICATED STRUC. METAL PRODS.	6.2	1.9	(D)	(D)	2.1	1.0	.9
3441	FABRICATED STRUCTURAL METAL.	.8	.1	-	-	(D)	.2	(D)
3442	METAL DOORS, SASH, AND TRIM.	1.5	1.0	(D)	-	.3	(D)	-
3443	FABRICATED PLATEWORK, BOILER SHOP.	2.4	.3	-	(D)	1.1	.5	(D)
3444	SHEET METALWORK.	(D)	(D)	-	(D)	(D)	(D)	(D)
3449	MISCELLANEOUS METALWORK.	(D)	-	-	-	(D)	(D)	-
345	SCREW MACHINE PROD., BOLTS, ETC.	(D)	(D)	-	(D)	(D)	(D)	(D)
346	METAL FORGINGS AND STAMPINGS.	16.8	6.5	(D)	(D)	5.8	2.6	1.1
3462	IRON AND STEEL FORGINGS.	5.2	2.6	-	-	1.4	.5	.6
3463	NONFERROUS FORGINGS.	1.2	.8	-	-	.2	.1	.1
3465	AUTOMOTIVE STAMPINGS.	9.7	2.0	(D)	(D)	3.0	1.7	.3
3466	CROWNS AND CLOSURES.	.2	-	-	-	.2	-	-
3469	METAL STAMPINGS, NEC.	2.5	1.1	-	.1	1.0	.2	.1
347	METAL SERVICES, NEC.	7.1	6.3	-	-	.5	.1	.2
3471	PLATING AND POLISHING.	6.4	5.7	-	-	.5	.1	.1
3479	METAL COATING AND ALLIED SERVICES.	.7	.6	-	-	.1	-	-
348	ORDNANCE AND ACCESSORIES, NEC.	8.0	2.4	-	.7	3.1	1.0	.7
3482	SMALL ARMS AMMUNITION.	1.6	.9	-	.3	.3	.1	.1
3483	AMMUNITION, EXC. SMALL ARMS, NEC.	3.4	.6	-	(D)	1.7	.4	(D)
3484	SMALL ARMS.	(D)	(D)	-	(D)	(D)	(D)	-
3489	ORDNANCE AND ACCESSORIES NEC.	(D)	(D)	-	-	(D)	(D)	(D)
349	MISC. FABRICATED METAL PRODUCTS.	11.1	2.8	0.1	.5	6.1	1.1	.4
3493	STEEL SPRINGS, EXCEPT WIRE.	(D)	-	-	-	(D)	-	-
3494	VALVES AND PIPE FITTINGS.	(D)	(D)	-	(D)	(D)	(D)	(D)
3495	WIRE SPRINGS.	(D)	(D)	-	-	(D)	(D)	-
3496	MISC. FABRICATED WIRE PRODUCTS.	(D)	(D)	-	-	(D)	-	-
3497	METAL FOIL AND LEAF.	.7	-	-	.1	.6	-	-
3498	FABRICATED PIPE AND FITTINGS.	(D)	(D)	-	-	(D)	-	-
3499	FABRICATED METAL PRODUCTS, NEC.	1.2	.5	-	(D)	.5	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL.	124.5	18.4	23.2	19.4	46.7	11.1	5.5
351	ENGINES AND TURBINES.	46.4	4.1	(D)	(D)	26.8	1.8	1.7
3511	TURBINES, TURBINE GENERATOR SETS.	38.0	.2	(D)	(D)	24.6	.5	.9
3519	INTERNAL COMBUSTION ENGINES, NEC.	8.3	3.9	-	.2	2.2	1.3	.7
352	FARM AND GARDEN MACHINERY.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3523	FARM MACHINERY AND EQUIPMENT.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3524	LAWN AND GARDEN EQUIPMENT.	.6	.2	-	-	.3	-	-
353	CONSTRUCTION, RELATED MACHINERY.	13.1	2.2	(D)	.4	3.5	1.8	(D)
3531	CONSTRUCTION MACHINERY.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3532	MINING MACHINERY.	1.7	.1	-	-	1.4	.2	-
3533	OILFIELD MACHINERY.	(D)	(D)	-	(D)	(D)	(D)	(D)
3536	HOISTS, CRANES, AND MONORAILS.	(D)	(D)	-	(D)	-	(D)	-
3537	INDUSTRIAL TRUCKS AND TRACTORS.	(D)	-	-	-	-	(D)	-
354	METALWORKING MACHINERY.	(D)	(D)	-	(D)	(D)	(D)	(D)
3541	MACHINE TOOLS, METAL-CUTTING.	1.3	.2	-	.2	.5	.3	.1
3542	MACHINE TOOLS, METAL-FORMING.	(D)	-	-	-	(D)	(D)	-
3544	SPECIAL DIES, TOOLS, JIGS, ETC.	(D)	-	-	-	(D)	(D)	(D)
3545	MACHINE TOOL ACCESSORIES.	1.3	.3	-	.1	.7	.1	-
3546	POWER DRIVEN HANDTOOLS.	(D)	(D)	-	(D)	(D)	(D)	-
3547	ROLLING MILL MACHINERY.	(D)	(D)	-	-	(D)	(D)	-
3549	METALWORKING MACHINERY, NEC.	.1	-	-	-	-	-	-
355	SPECIAL INDUSTRY MACHINERY.	3.8	1.4	-	.5	.9	.6	.3
3551	FOOD PRODUCTS MACHINERY.	.3	-	-	-	.1	.1	-
3552	TEXTILE MACHINERY.	.8	.3	-	.1	.2	.2	.1
3553	WOODWORKING MACHINERY.	.3	.1	-	-	.1	-	-
3559	SPECIAL INDUSTRY MACHINERY, NEC.	1.5	(D)	-	(D)	(D)	.2	(D)
356	GENERAL INDUSTRIAL MACHINERY.	11.0	3.0	.1	1.0	4.6	1.5	.7
3561	PUMPS AND PUMPING EQUIPMENT.	(D)	(D)	-	(D)	(D)	(D)	(D)
3562	BALL AND ROLLER BEARINGS.	5.1	2.2	-	.4	1.8	.4	.3
3563	AIR AND GAS COMPRESSORS.	(D)	(D)	-	(D)	(D)	(D)	-
3564	BLOWERS AND FANS.	.3	-	-	.1	-	.1	-
3566	SPEED CHANGERS, DRIVES, AND GEARS.	(D)	(D)	-	(D)	(D)	(D)	-
3567	INDUSTRIAL FURNACES AND OVENS.	.1	-	-	-	-	-	-
3568	POWER TRANSMISSION EQUIPMENT, NEC.	1.3	(D)	-	-	.7	.3	(D)
3569	GENERAL INDUSTRIAL MACHINERY, NEC.	.3	.1	-	.1	.1	-	-
357	OFFICE AND COMPUTING MACHINES.	17.3	.8	.7	(D)	1.0	(D)	.5
3573	ELECTRONIC COMPUTING EQUIPMENT.	14.4	.3	(D)	(D)	.4	.8	.4
3574	CALCULATING, ACCOUNTING MACHINES.	(D)	(D)	(D)	(D)	(D)	(D)	-
358	REFRIGERATION AND SERVICE MACH.	12.3	3.9	-	1.8	4.1	1.7	.8
3581	AUTOMATIC MERCHANDISING MACHINES.	(D)	(D)	-	-	-	-	-
3582	COMMERCIAL LAUNDRY EQUIPMENT.	(D)	(D)	-	-	-	-	(D)
3585	REFRIGERATION, HEATING EQUIPMENT.	10.5	2.9	-	1.8	(D)	1.6	(D)
3586	MEASURING AND DISPENSING PUMPS.	(D)	(D)	-	-	-	-	(D)
3589	SERVICE INDUSTRY MACHINERY, NEC.	(D)	-	-	-	(D)	-	(D)

See footnotes at end of table.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
35	MACHINERY, EXC. ELECTRICAL--CON.										
359	MISC. MACHINERY, EXC. ELEC.	47.8	2.9	2.8	(D)	(D)	-	-	(D)	-	-
3592	CARBURETORS, PISTONS, RINGS, ETC.	(D)	2.1	(D)	(D)	(D)	-	-	(D)	-	-
3599	MACHINERY, EXCEPT ELECTRICAL, NEC.	(D)	.9	(D)	(D)	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP.	1043.0	104.3	97.0	31.1	22.3	-	1.6	5.1	1.0	1.1
361	ELECTRIC DISTRIBUTING EQUIPMENT.	13.6	5.9	5.7	1.6	.7	-	(D)	(D)	-	-
3612	TRANSFORMERS	7.1	2.6	2.5	(D)	(D)	-	(D)	(D)	-	-
3613	SWITCHGEAR, SWITCHBOARD APPARATUS.	6.4	3.3	3.1	(D)	(D)	-	-	-	-	-
362	ELECTRICAL INDUSTRIAL APPARATUS.	38.1	15.2	14.7	3.5	(D)	-	(D)	1.9	(D)	.1
3621	MOTORS AND GENERATORS.	22.8	6.0	5.8	(D)	(D)	-	(D)	(D)	(D)	-
3622	INDUSTRIAL CONTROLS.	6.9	3.3	3.3	.5	.4	-	-	-	-	-
3623	WELDING APPARATUS, ELECTRIC. . . . .	.7	.3	.3	.1	-	-	-	-	-	.1
3624	CARBON AND GRAPHITE PRODUCTS	5.3	3.8	3.8	(D)	(D)	-	-	(D)	(D)	-
3629	ELEC. INDUSTRIAL APPARATUS, NEC.	2.3	1.7	1.6	(D)	(D)	-	-	-	-	-
363	HOUSEHOLD APPLIANCES	37.6	15.5	14.3	4.5	3.9	-	-	.2	-	.3
3631	HOUSEHOLD COOKING EQUIPMENT.	3.3	1.5	1.3	(D)	(D)	-	-	-	-	(D)
3632	HOUSEHOLD REFRIGERATORS, FREEZERS.	12.2	4.9	4.4	1.2	1.0	-	-	(D)	-	(D)
3633	HOUSEHOLD LAUNDRY EQUIPMENT.	10.1	3.2	3.1	1.2	.9	-	-	(D)	-	(D)
3634	ELECTRIC HOUSEWARES AND FANS	(D)	2.8	2.6	.7	.7	-	-	-	-	-
3639	HOUSEHOLD APPLIANCES, NEC.	3.4	1.9	1.9	.4	.4	-	-	-	-	-
364	ELEC. LIGHTING, WIRING EQUIP.	18.7	10.5	9.1	3.1	2.6	-	-	(D)	-	(D)
3641	ELECTRIC LAMPS	2.5	1.7	1.7	.1	-	-	-	-	-	-
3643	CURRENT-CARRYING WIRING DEVICES.	5.2	3.0	2.8	1.2	(D)	-	-	-	-	(D)
3644	NONCURRENT-CARRYING WIRING DEVICES.	3.1	1.8	1.8	.7	(D)	-	-	(D)	-	-
3645	RESIDENTIAL LIGHTING FIXTURES. . . . .	.6	.5	.5	(D)	(D)	-	-	-	-	-
3646	COMMERCIAL LIGHTING FIXTURES . . . . .	.5	.4	.4	-	-	-	-	-	-	-
3647	VEHICULAR LIGHTING EQUIPMENT	(D)	2.4	1.2	(D)	(D)	-	-	(D)	-	-
3648	LIGHTING EQUIPMENT, NEC.	(D)	.3	.8	.5	.5	-	-	-	-	-
365	RADIO, TV RECEIVING EQUIPMENT.	12.9	3.7	3.7	.7	(D)	-	-	(D)	-	(D)
3651	RADIO AND TV RECEIVING SETS.	(D)	2.9	2.8	(D)	(D)	-	-	-	-	-
3652	PHONO. RECORDS, PRERECORDED TAPE	(D)	.8	.9	(D)	-	-	-	(D)	-	(D)
366	COMMUNICATION EQUIPMENT.	124.9	17.0	15.2	3.6	3.1	-	(D)	.1	(D)	.2
3661	TELEPHONE AND TELEGRAPH APPARATUS.	(D)	7.5	6.3	1.9	1.7	-	-	-	.1	-
3662	RADIO AND TV COMMUNICATION EQUIP.	(D)	9.6	8.9	1.8	1.4	-	(D)	-	(D)	.1
367	ELECTRONIC COMPONENTS, ACCESS.	769.4	25.4	23.9	10.2	8.2	-	.6	1.0	.2	.2
3671	ELECTRON TUBES, RECEIVING TYPE	4.0	.9	.8	-	-	-	-	-	-	-
3672	CATHODE RAY TV PICTURE TUBES	12.9	3.1	3.0	.7	(D)	-	(D)	-	-	-
3673	ELECTRON TUBES, TRANSMITTING	4.9	2.4	2.4	.6	(D)	-	(D)	.1	-	-
3674	SEMICONDUCTORS, RELATED DEVICES.	720.2	8.8	8.1	5.5	4.3	-	.2	.7	.1	.1
3675	ELECTRONIC CAPACITORS.	3.6	3.0	2.9	.8	(D)	-	(D)	.1	-	-
3676	ELECTRONIC RESISTORS	(D)	.6	.6	(D)	-	-	-	-	-	-
3677	ELECTRONIC COILS AND TRANSFORMERS.	(D)	.6	.6	(D)	(D)	-	-	-	-	-
3678	ELECTRONIC CONNECTORS. . . . .	.7	.6	.6	.3	.3	-	-	-	-	-
3679	ELECTRONIC COMPONENTS, NEC.	21.5	5.5	5.1	2.0	1.8	-	-	.1	.1	-
369	MISC. ELEC. EQUIPMENT, SUPPLIES.	28.0	11.0	10.3	3.9	2.9	-	.1	(D)	(D)	.2
3691	STORAGE BATTERIES.	5.0	3.5	3.4	2.5	1.9	-	-	.4	-	.1
3693	X-RAY APPARATUS AND TUBES.	(D)	.9	.9	(D)	-	-	-	-	(D)	-
3694	ENGINE ELECTRICAL EQUIPMENT.	21.1	5.8	5.3	1.1	.9	-	-	-	-	.1
37	TRANSPORTATION EQUIPMENT	1967.4	242.3	227.2	43.1	27.5	-	.7	10.3	2.6	2.0
371	MOTOR VEHICLES AND EQUIPMENT	1700.8	110.9	103.9	28.0	16.2	-	.5	9.4	.8	1.1
3711	MOTOR VEHICLES AND CAR BODIES.	(D)	51.0	47.3	(D)	(D)	-	(D)	(D)	(D)	(D)
3713	TRUCK AND BUS BODIES	(D)	(D)	.4	(D)	-	-	(D)	-	-	-
3714	MOTOR VEHICLE PARTS, ACCESSORIES	(D)	58.7	56.2	18.9	(D)	-	(D)	(D)	(D)	(D)
372	AIRCRAFT AND PARTS	168.0	94.0	88.7	12.6	10.4	-	.2	.3	1.2	.4
3721	AIRCRAFT	65.1	25.0	23.8	2.9	(D)	-	.1	.2	.8	(D)
3724	AIRCRAFT ENGINES AND ENGINE PARTS.	81.7	59.3	56.9	8.7	(D)	-	-	.1	.3	(D)
3728	AIRCRAFT EQUIPMENT, NEC.	21.3	9.8	8.0	.9	.7	-	-	.1	.1	-
3731	SHIP BUILDING AND REPAIRING.	(D)	25.8	24.9	.7	.1	-	-	-	.2	.4
3743	RAILROAD EQUIPMENT	22.8	3.6	3.0	(D)	(D)	-	-	(D)	(D)	-
3751	MOTORCYCLES, BICYCLES, AND PARTS	2.6	(D)	1.4	(D)	(D)	-	-	(D)	(D)	-
376	GUIDED MISSILES, SPACE VEHICLES.	39.8	6.1	4.9	.6	.4	-	-	-	.1	-
3761	GUIDED MISSILES, SPACE VEHICLES.	24.8	2.9	2.5	.2	.1	-	-	-	-	-
3764	SPACE PROPULSION UNITS AND PARTS	7.0	2.4	1.7	.1	-	-	-	-	.1	-
3769	SPACE VEHICLE EQUIPMENT, NEC.	7.9	.8	.6	.3	.3	-	-	-	-	-
379	MISC. TRANSPORTATION EQUIPMENT	(D)	(D)	.4	(D)	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	135.4	37.4	34.8	16.4	10.4	(D)	.8	2.3	(D)	(D)
3811	ENGINEERING, SCIENTIFIC INSTRU.	(D)	.9	.8	(D)	-	-	(D)	-	-	-
382	MEASURING, CONTROLLING DEVICES	10.7	5.4	5.2	1.2	1.0	-	-	-	.1	-
3822	ENVIRONMENTAL CONTROLS	(D)	1.7	1.6	.3	.3	-	-	-	-	-
3823	PROCESS CONTROL INSTRUMENTS.	2.3	.7	.7	.2	.1	-	-	-	-	-
3824	FLUID METERS AND COUNTING DEVICES. . . . .	.6	.3	.3	(D)	-	-	-	-	-	-
3825	INSTRU. TO MEASURE ELECTRICITY	4.2	2.4	2.3	.6	.5	-	-	-	.1	-
3829	MEASURING, CONTROLLING DEVICES, NEC.	(D)	.3	.3	(D)	-	-	-	-	-	-
3832	OPTICAL INSTRUMENTS AND LENSES	(D)	.1	.1	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973—Continued

(Billions gallons)

SIC code	Industry group and industry	Water discharged—Continued						
		Untreated, by last use						Boiler feed and other uses
		Total	Process	Cooling and condensing			Sanitary service	
				Steam electric power generation	Air conditioning	Other		
35	MACHINERY, EXC. ELECTRICAL--CON.							
359	MISC. MACHINERY, EXC. ELEC . . .	(D)	(D)	-	(D)	(D)	(D)	(D)
3592	CARBURETORS, PISTONS, RINGS, ETC. .	(D)	(D)	-	(D)	(D)	(D)	-
3599	MACHINERY, EXCEPT ELECTRICAL, NEC.	(D)	(D)	-	-	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP . .	65.8	16.1	(D)	10.4	23.4	(D)	3.5
361	ELECTRIC DISTRIBUTING EQUIPMENT.	4.1	(D)	-	(D)	1.3	0.9	(D)
3612	TRANSFORMERS	(D)	(D)	-	(D)	(D)	(D)	-
3613	SWITCHGEAR, SWITCHBOARD APPARATUS.	(D)	(D)	-	(D)	(D)	(D)	(D)
362	ELECTRICAL INDUSTRIAL APPARATUS.	11.2	2.0	-	1.2	5.6	1.9	.5
3621	MOTORS AND GENERATORS	(D)	(D)	-	(D)	(D)	(D)	(D)
3622	INDUSTRIAL CONTROLS	2.8	.6	-	.3	1.4	.5	.1
3623	WELDING APPARATUS, ELECTRIC . . . .	.1	-	-	-	-	-	.1
3624	CARBON AND GRAPHITE PRODUCTS . . .	(D)	(D)	-	(D)	(D)	(D)	(D)
3629	ELEC. INDUSTRIAL APPARATUS, NEC. .	(D)	(D)	-	(D)	(D)	(D)	-
363	HOUSEHOLD APPLIANCES	9.8	3.4	-	.7	3.8	1.5	.5
3631	HOUSEHOLD COOKING EQUIPMENT	(D)	(D)	-	-	(D)	(D)	-
3632	HOUSEHOLD REFRIGERATORS, FREEZERS.	3.3	1.0	-	.2	1.5	.4	.1
3633	HOUSEHOLD LAUNDRY EQUIPMENT	2.0	.6	-	.2	.8	.3	.1
3634	ELECTRIC HOUSEWARES AND FANS	1.9	.7	-	(D)	.5	(D)	.1
3639	HOUSEHOLD APPLIANCES, NEC.	1.4	.5	-	-	.6	.2	.1
364	ELEC. LIGHTING, WIRING EQUIP . .	6.0	1.7	-	.3	2.0	1.3	.6
3641	ELECTRIC LAMPS	1.6	.2	-	.1	1.0	.3	-
3643	CURRENT-CARRYING WIRING DEVICES. .	1.7	.3	-	.2	.4	.6	.2
3644	NONCURRENT-CARRYING WIRING DEVICES.	1.1	.5	-	-	.2	(D)	(D)
3645	RESIDENTIAL LIGHTING FIXTURES	(D)	(D)	-	-	-	(D)	-
3646	COMMERCIAL LIGHTING FIXTURES . . . .	.4	.3	-	-	-	-	-
3647	VEHICULAR LIGHTING EQUIPMENT	(D)	(D)	-	-	(D)	(D)	(D)
3648	LIGHTING EQUIPMENT, NEC. . . . .	.2	-	-	-	(D)	(D)	-
365	RADIO, TV RECEIVING EQUIPMENT. . . .	3.0	(D)	-	(D)	1.1	(D)	.2
3651	RADIO AND TV RECEIVING SETS. . . .	(D)	(D)	-	(D)	(D)	(D)	(D)
3652	PHONO. RECORDS, PRERECORDED TAPE .	(D)	-	-	-	(D)	-	(D)
366	COMMUNICATION EQUIPMENT.	11.6	2.0	(D)	(D)	1.1	3.3	(D)
3661	TELEPHONE AND TELEGRAPH APPARATUS.	4.5	1.1	(D)	(D)	.6	.9	(D)
3662	RADIO AND TV COMMUNICATION EQUIP .	7.1	.9	-	3.1	.5	2.5	.2
367	ELECTRONIC COMPONENTS, ACCESS. . .	13.7	3.2	-	2.4	5.3	2.1	.6
3671	ELECTRON TUBES, RECEIVING TYPE . . .	.8	.1	-	(D)	(D)	.3	-
3672	CATHODE RAY TV PICTURE TUBES	2.3	.6	-	.7	.7	.2	-
3673	ELECTRON TUBES, TRANSMITTING	1.7	.4	-	.2	.9	.2	-
3674	SEMICONDUCTORS, RELATED DEVICES. .	2.6	.2	-	.2	1.3	.8	.1
3675	ELECTRONIC CAPACITORS	2.1	.5	-	.6	.8	(D)	(D)
3676	ELECTRONIC RESISTORS	(D)	(D)	-	-	(D)	(D)	(D)
3677	ELECTRONIC COILS AND TRANSFORMERS.	(D)	(D)	-	-	(D)	(D)	-
3678	ELECTRONIC CONNECTORS. . . . .	.3	-	-	(D)	(D)	-	-
3679	ELECTRONIC COMPONENTS, NEC	3.1	1.1	-	.4	1.0	.3	.2
369	MISC. ELEC. EQUIPMENT, SUPPLIES.	6.5	1.7	-	.6	3.2	.7	.2
3691	STORAGE BATTERIES. . . . .	.8	.1	-	-	.5	.1	-
3693	X-RAY APPARATUS AND TUBES.	(D)	(D)	-	-	(D)	(D)	-
3694	ENGINE ELECTRICAL EQUIPMENT.	4.3	.9	-	(D)	2.4	(D)	.2
37	TRANSPORTATION EQUIPMENT	184.1	76.5	1.8	22.0	46.7	16.1	21.0
371	MOTOR VEHICLES AND EQUIPMENT	75.9	24.2	(D)	(D)	22.2	9.3	14.8
3711	MOTOR VEHICLES AND CAR BODIES. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3713	TRUCK AND BUS BODIES	(D)	-	-	-	(D)	(D)	-
3714	MOTOR VEHICLE PARTS, ACCESSORIES . .	37.3	(D)	-	2.7	16.8	4.2	(D)
372	AIRCRAFT AND PARTS	76.1	(D)	-	17.3	(D)	2.6	1.7
3721	AIRCRAFT	20.9	1.5	-	15.2	2.3	1.1	.7
3724	AIRCRAFT ENGINES AND ENGINE PARTS.	48.2	(D)	-	1.3	(D)	.5	.7
3728	AIRCRAFT EQUIPMENT, NEC.	7.0	2.1	-	.8	2.8	1.0	.3
3731	SHIP BUILDING AND REPAIRING.	24.2	(D)	-	(D)	11.6	2.1	(D)
3743	RAILROAD EQUIPMENT	(D)	(D)	(D)	-	(D)	(D)	(D)
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	(D)	(D)	-	-	(D)	(D)	-
376	GUIDED MISSILES, SPACE VEHICLES.	4.3	.8	-	.5	1.1	1.4	.5
3761	GUIDED MISSILES, SPACE VEHICLES. .	2.4	.6	-	.2	.6	1.0	.1
3764	SPACE PROPULSION UNITS AND PARTS . .	1.6	(D)	-	.3	.5	(D)	.4
3769	SPACE VEHICLE EQUIPMENT, NEC . . . .	.3	(D)	-	-	-	(D)	-
379	MISC. TRANSPORTATION EQUIPMENT .	(D)	(D)	-	-	(D)	-	-
38	INSTRUMENTS, RELATED PRODUCTS.	18.4	4.4	(D)	2.9	2.7	3.0	(D)
3811	ENGINEERING, SCIENTIFIC INSTRU . .	(D)	(D)	-	(D)	(D)	(D)	-
382	MEASURING, CONTROLLING DEVICES . .	4.0	1.1	-	.5	1.3	.8	.3
3822	ENVIRONMENTAL CONTROLS	1.3	.3	-	.2	.3	.4	.1
3823	PROCESS CONTROL INSTRUMENTS. . . . .	.5	.1	-	.1	(D)	(D)	.1
3824	FLUID METERS AND COUNTING DEVICES.	(D)	(D)	-	-	(D)	(D)	-
3825	INSTRU. TO MEASURE ELECTRICITY . . .	1.7	.5	-	.2	.8	.2	.1
3829	MEASURING, CONTROL'G DEVICES, NEC .	(D)	(D)	-	-	-	(D)	-
3832	OPTICAL INSTRUMENTS AND LENSES . .	.1	-	-	-	-	-	-

See footnotes at end of table.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973—Continued

(Billion gallons)

SIC code	Industry group and industry	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
38	INSTRU., RELATED PRODUCTS--CON.										
384	MEDICAL INSTRUMENTS, SUPPLIES. .	5.2	3.5	3.5	0.7	0.3	-	-	(D)	(D)	-
3841	SURGICAL AND MEDICAL INSTRUMENTS .	3.6	2.0	2.1	(D)	(D)	-	-	(D)	-	-
3842	SURGICAL APPLIANCES AND SUPPLIES .	(D)	1.4	1.3	(D)	(D)	-	-	-	(D)	-
3843	DENTAL EQUIPMENT AND SUPPLIES. . .	(D)	.1	.1	-	-	-	-	-	-	-
3851	OPHTHALMIC GOODS	(D)	6.2	6.0	(D)	(D)	-	-	-	-	(D)
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES .	108.2	20.7	18.6	13.6	(D)	(D)	(D)	(D)	-	(D)
3873	WATCHES, CLOCKS, AND WATCHCASES. .	1.3	.6	.6	(D)	-	-	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES.	26.4	12.1	11.7	2.5	1.4	-	-	(D)	0.1	(D)
391	JEWELRY, SILVER AND PLATED WARE.	(D)	1.0	1.0	.2	.2	-	-	-	-	-
3914	SILVERWARE AND PLATED WARE . . . .	.9	.7	.7	(D)	(D)	-	-	-	-	-
394	TOYS AND SPORTING GOODS.	5.9	3.2	3.3	(D)	(D)	-	-	-	-	(D)
3944	GAMES, TOYS, CHILDREN'S VEHICLES .	(D)	1.1	1.1	(D)	(D)	-	-	-	-	-
3949	SPORTING AND ATHLETIC GOODS, NEC .	(D)	2.2	2.2	(D)	(D)	-	-	-	-	(D)
3951	PENS AND MECHANICAL PENCILS	(D)	.5	(D)	(D)	-	-	-	-	-	-
396	COSTUME JEWELRY AND NOTIONS. . .	5.4	2.7	2.7	.5	.4	-	-	-	-	-
3961	COSTUME JEWELRY.	(D)	(D)	.2	.1	.1	-	-	-	-	-
3964	NEEDLES, PINS, AND FASTENERS . . .	(D)	2.5	2.5	.4	.3	-	-	-	-	-
399	MISCELLANEOUS MANUFACTURES . . .	(D)	4.4	4.0	1.4	.5	-	-	(D)	-	(D)
3991	BROOMS AND BRUSHES	(D)	.8	.7	(D)	-	-	-	(D)	-	-
3996	HARD SURFACE FLOOR COVERINGS . . .	(D)	1.8	1.4	(D)	(D)	-	-	-	-	-
3999	MANUFACTURING INDUSTRIES, NEC. . .	1.8	1.7	1.7	.9	(D)	-	-	(D)	-	(D)

Note: Figures shown for industry groups (3-digit) and major groups (2-digit) include data for all component industries whether or not separate figures are shown for individual industries in group.

TABLE 6A. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Industry Groups and Industries: 1973—Continued

(Billions gallons)

SIC code	Industry group and industry	Water discharged—Continued					
		Untreated, by last use					
		Total	Process	Cooling and condensing			Boiler feed and other uses
				Steam electric power generation	Air conditioning	Other	Sanitary service
38	INSTRU., RELATED PRODUCTS--CON.						
384	MEDICAL INSTRUMENTS, SUPPLIES. .	2.8	1.7	-	(D)	(D)	0.3
3841	SURGICAL AND MEDICAL INSTRUMENTS .	(D)	(D)	-	(D)	(D)	(D)
3842	SURGICAL APPLIANCES AND SUPPLIES .	(D)	(D)	-	(D)	(D)	(D)
3843	DENTAL EQUIPMENT AND SUPPLIES. . .	.1	-	-	-	-	-
3851	OPHTHALMIC GOODS	(D)	(D)	(D)	-	(D)	(D)
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES .	5.0	1.0	-	1.9	0.9	.7
3873	WATCHES, CLOCKS, AND WATCHCASES. .	(D)	(D)	-	-	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES.	9.2	2.4	(D)	.6	3.6	1.0
391	JEWELRY, SILVER AND PLATED WARE.	.7	(D)	-	-	(D)	(D)
3914	SILVERWARE AND PLATED WARE . . . .	.6	(D)	-	-	(D)	(D)
394	TOYS AND SPORTING GOODS.	(D)	(D)	-	(D)	(D)	(D)
3944	GAMES, TOYS, CHILDREN'S VEHICLES .	(D)	(D)	-	(D)	(D)	(D)
3949	SPORTING AND ATHLETIC GOODS, NEC .	(D)	(D)	-	-	(D)	(D)
3951	PENS AND MECHANICAL PENCILS	(D)	-	-	(D)	-	(D)
396	COSTUME JEWELRY AND NOTIONS. . .	2.2	.7	(D)	(D)	.2	.2
3961	COSTUME JEWELRY. . . . .	.1	-	-	-	-	-
3964	NEEDLES, PINS, AND FASTENERS . . .	2.1	.7	(D)	(D)	.1	.1
399	MISCELLANEOUS MANUFACTURES . . .	2.7	.6	-	-	1.3	.4
3991	BROOMS AND BRUSHES	(D)	-	-	-	(D)	(D)
3996	HARD SURFACE FLOOR COVERINGS . . .	(D)	(D)	-	-	(D)	(D)
3999	MANUFACTURING INDUSTRIES, NEC. . .	.7	.3	-	-	(D)	.2

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

¹See footnote 1, table 3A.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973

(Billion gallons)

SIC code	Geographic area and major industry group	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated water, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
	United States, total.....	43,412.6	15,024.3	14,143.5	6,156.3	2,790.1	689.9	89.1	2,336.7	52.9	196.6
	New England Division.....	1,156.7	670.1	655.9	109.1	73.2	(D)	(D)	29.8	1.0	2.3
	Maine.....	407.9	169.2	167.0	38.0	34.5	(D)	-	1.2	(D)	.7
20	Food and kindred products.....	10.0	2.9	2.7	1.1	.7	-	-	(D)	(D)	.1
22	Textile mill products.....	3.5	3.2	3.2	.9	.6	-	-	-	-	.3
26	Paper and allied products.....	386.3	155.9	154.3	35.4	32.8	(D)	-	(D)	-	.3
28	Chemicals and allied products.....	4.0	3.8	3.6	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	1.5	1.0	.9	-	-	-	-	-	-	-
31	Leather and leather products.....	1.0	1.0	.9	(D)	(D)	-	-	-	-	-
	New Hampshire.....	68.4	26.0	23.3	2.9	2.6	-	(D)	-	(D)	-
20	Food and kindred products.....	(D)	.9	.7	(D)	(D)	-	-	-	(D)	-
22	Textile mill products.....	.9	.9	.9	-	-	-	-	-	-	-
26	Paper and allied products.....	49.6	21.4	19.1	2.4	2.4	-	-	-	-	-
32	Stone, clay, and glass products.....	.3	.2	.2	-	-	-	-	-	-	-
35	Machinery, except electrical.....	.3	.3	.2	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	.4	.3	.3	(D)	(D)	-	(D)	-	-	-
	Vermont.....	11.9	6.5	6.2	3.2	2.7	-	-	(D)	-	(D)
20	Food and kindred products.....	.4	.3	.3	-	-	-	-	-	-	-
26	Paper and allied products.....	9.0	4.1	4.0	2.6	(D)	-	-	-	-	(D)
35	Machinery, except electrical.....	.1	.1	.1	-	-	-	-	-	-	-
36	Electric and electronic equipment.....	.7	.6	.6	(D)	(D)	-	-	-	-	-
	Massachusetts.....	255.5	151.9	148.2	19.7	15.2	-	.8	(D)	(D)	.8
20	Food and kindred products.....	10.6	10.2	9.7	.6	.4	-	-	.2	-	-
22	Textile mill products.....	5.1	5.0	4.8	1.1	.9	-	-	-	-	.2
26	Paper and allied products.....	112.0	68.9	66.9	9.7	8.9	-	-	.5	-	.2
28	Chemicals and allied products.....	22.1	13.3	12.7	2.4	2.0	-	-	.4	-	-
29	Petroleum and coal products.....	(D)	(D)	.4	.3	.3	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	14.4	8.9	9.1	.7	.3	-	.1	.3	-	-
31	Leather and leather products.....	1.7	1.7	1.6	.3	.3	-	-	.6	-	-
32	Stone, clay, and glass products.....	2.6	2.0	1.9	.4	.1	-	(D)	(D)	-	-
33	Primary metal industries.....	2.0	1.8	1.8	.1	.1	-	-	-	-	-
34	Fabricated metal products.....	7.8	6.4	6.4	(D)	(D)	-	-	(D)	-	(D)
35	Machinery, except electrical.....	27.0	17.1	17.1	.7	.4	-	(D)	-	-	(D)
36	Electric and electronic equipment.....	6.8	4.3	4.3	1.6	.6	-	.2	(D)	(D)	(D)
37	Transportation equipment.....	26.7	3.1	3.0	(D)	(D)	-	-	-	-	-
38	Instruments and related products.....	13.8	6.8	6.5	.6	(D)	-	-	-	-	(D)
39	Miscellaneous manufacturing industries	2.0	1.7	1.7	.2	(D)	-	-	(D)	-	-
	Rhode Island.....	21.4	14.4	13.6	3.1	(D)	-	-	.8	.1	(D)
20	Food and kindred products.....	1.3	1.0	1.0	-	-	-	-	-	-	-
22	Textile mill products.....	2.2	2.2	2.2	.9	(D)	-	-	(D)	-	-
28	Chemicals and allied products.....	3.3	1.5	1.4	.7	(D)	-	-	(D)	-	-
32	Stone, clay, and glass products.....	1.0	.8	.6	.1	.1	-	-	-	-	-
33	Primary metal industries.....	5.5	4.4	4.3	.2	.1	-	-	-	-	-
34	Fabricated metal products.....	.4	.3	.3	-	-	-	-	-	-	-
35	Machinery, except electrical.....	.3	.3	.3	.1	(D)	-	-	-	(D)	-
36	Electric and electronic equipment.....	.8	.5	.4	.1	(D)	-	-	-	(D)	-
39	Miscellaneous manufacturing industries	1.0	.6	.6	-	-	-	-	-	-	-
	Connecticut.....	391.5	302.2	297.6	42.3	(D)	-	(D)	(D)	.3	.4
20	Food and kindred products.....	2.3	1.0	.8	-	-	-	-	-	-	-
22	Textile mill products.....	3.4	3.3	3.2	.4	.3	-	-	-	-	-
28	Chemicals and allied products.....	59.6	47.9	47.4	(D)	(D)	-	-	(D)	-	-
30	Rubber and miscellaneous plastics products.....	16.7	13.4	13.3	(D)	-	-	-	(D)	-	(D)
32	Stone, clay, and glass products.....	1.3	1.1	1.0	(D)	(D)	-	-	(D)	-	-
33	Primary metal industries.....	(D)	15.5	15.3	2.7	2.1	-	-	.5	-	-
34	Fabricated metal products.....	13.6	7.4	7.3	1.1	1.0	-	-	-	-	.1
35	Machinery, except electrical.....	8.3	3.9	3.9	.4	(D)	-	(D)	-	(D)	-
36	Electric and electronic equipment.....	2.3	1.9	1.8	.3	.3	-	-	-	-	-
37	Transportation equipment.....	68.0	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)
38	Instruments and related products.....	1.8	.6	.6	.2	.2	-	-	-	-	-
39	Miscellaneous manufacturing industries	3.9	2.4	2.3	.4	.4	-	-	-	-	-
	Middle Atlantic Division.....	5,186.1	2,355.0	2,252.7	850.1	355.8	17.4	4.9	437.1	5.5	29.4
	New York.....	975.2	513.8	491.3	179.7	98.5	6.4	2.3	63.4	2.5	6.6
20	Food and kindred products.....	34.3	24.7	19.2	2.4	1.4	-	-	.3	.3	.4
22	Textile mill products.....	4.8	4.0	3.9	1.3	1.2	-	-	.1	-	-
26	Paper and allied products.....	164.4	64.8	62.3	43.8	37.3	(D)	.1	(D)	.1	.4
28	Chemicals and allied products.....	182.2	126.4	123.7	37.8	6.7	(D)	(D)	27.4	.2	1.8
29	Petroleum and coal products.....	28.6	20.4	20.1	(D)	(D)	-	-	(D)	-	(D)
30	Rubber and miscellaneous plastics products.....	10.1	5.1	4.9	(D)	(D)	-	(D)	(D)	(D)	(D)
31	Leather and leather products.....	.2	.2	.1	(D)	(D)	-	-	-	-	-

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Water discharged—Continued						
		Untreated water, by last use						
		Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
Steam elec- tric power generation	Air conditioning			Other				
	United States, total.....	7,987.2	1,198.5	1,708.7	193.5	4,517.2	147.4	219.8
	New England Division.....	546.8	190.9	233.0	5.3	87.8	15.9	13.7
	Maine.....	129.0	86.0	14.8	.3	12.2	(D)	(D)
20	Food and kindred products.....	1.6	.7	(D)	-	.6	.1	(D)
22	Textile mill products.....	2.2	2.0	-	-	.1	-	-
26	Paper and allied products.....	118.9	81.7	(D)	.2	7.2	(D)	(D)
28	Chemicals and allied products.....	3.6	.2	-	-	3.3	-	-
30	Rubber and miscellaneous plastics products.....	.9	(D)	-	-	(D)	-	-
31	Leather and leather products.....	(D)	(D)	-	-	-	-	-
	New Hampshire.....	20.4	14.5	1.6	.1	3.0	.5	.7
20	Food and kindred products.....	(D)	(D)	-	-	(D)	(D)	-
22	Textile mill products.....	.9	.7	-	-	-	-	-
26	Paper and allied products.....	16.7	13.0	1.6	-	(D)	(D)	.5
32	Stone, clay, and glass products.....	.2	-	-	-	.1	-	-
35	Machinery, except electrical.....	.2	-	-	-	.1	-	-
36	Electric and electronic equipment.....	(D)	-	-	-	(D)	-	-
	Vermont.....	3.1	1.4	(D)	.2	.5	(D)	.1
20	Food and kindred products.....	.3	.2	-	-	-	-	-
26	Paper and allied products.....	1.4	(D)	(D)	-	-	-	-
35	Machinery, except electrical.....	.1	-	-	-	-	-	-
36	Electric and electronic equipment.....	(D)	-	-	(D)	-	-	-
	Massachusetts.....	128.4	31.0	56.4	2.9	31.3	(D)	(D)
20	Food and kindred products.....	9.1	.9	-	-	7.7	.2	.3
22	Textile mill products.....	3.7	3.0	(D)	.2	(D)	.1	.2
26	Paper and allied products.....	57.2	12.6	41.1	.1	2.5	.3	.6
28	Chemicals and allied products.....	10.3	2.6	-	.2	6.9	(D)	(D)
29	Petroleum and coal products.....	.1	-	-	-	.1	-	-
30	Rubber and miscellaneous plastics products.....	8.4	1.1	-	.1	6.8	.2	.3
31	Leather and leather products.....	1.3	1.3	-	-	-	-	-
32	Stone, clay, and glass products.....	1.5	.3	-	(D)	(D)	-	(D)
33	Primary metal industries.....	1.6	.7	-	-	.6	.1	.1
34	Fabricated metal products.....	(D)	(D)	-	(D)	(D)	(D)	-
35	Machinery, except electrical.....	16.3	1.6	(D)	.8	2.0	(D)	.8
36	Electric and electronic equipment.....	2.6	.7	-	.5	1.0	.4	.1
37	Transportation equipment.....	(D)	(D)	-	(D)	(D)	(D)	(D)
38	Instruments and related products.....	5.9	(D)	(D)	.4	.3	.3	-
39	Miscellaneous manufacturing industries	1.4	.4	-	-	.9	.1	-
	Rhode Island.....	10.6	6.3	(D)	.4	2.6	.4	(D)
20	Food and kindred products.....	.9	.1	-	(D)	(D)	-	-
22	Textile mill products.....	1.3	1.1	-	-	-	-	.1
28	Chemicals and allied products.....	.7	-	-	-	.6	-	-
32	Stone, clay, and glass products.....	.5	-	-	-	.4	.1	-
33	Primary metal industries.....	4.2	3.7	-	-	.2	.1	.1
34	Fabricated metal products.....	.3	(D)	-	-	(D)	-	-
35	Machinery, except electrical.....	.2	-	-	-	.1	-	-
36	Electric and electronic equipment.....	.3	-	-	-	.1	.1	-
39	Miscellaneous manufacturing industries	.6	.2	-	(D)	.2	.1	(D)
	Connecticut.....	255.3	51.8	158.9	1.3	38.3	2.5	2.6
20	Food and kindred products.....	.8	.1	-	.1	.4	.1	.1
22	Textile mill products.....	2.8	.7	(D)	-	(D)	.1	.1
28	Chemicals and allied products.....	(D)	(D)	(D)	-	(D)	(D)	(D)
30	Rubber and miscellaneous plastics products.....	(D)	(D)	-	(D)	(D)	(D)	(D)
32	Stone, clay, and glass products.....	(D)	-	-	-	(D)	-	-
33	Primary metal industries.....	12.5	3.1	(D)	.1	5.4	(D)	.3
34	Fabricated metal products.....	6.2	2.2	(D)	.1	1.0	(D)	.1
35	Machinery, except electrical.....	3.4	(D)	-	.4	.8	.2	(D)
36	Electric and electronic equipment.....	1.5	.3	-	.2	.6	.2	.1
37	Transportation equipment.....	(D)	(D)	-	(D)	(D)	(D)	(D)
38	Instruments and related products.....	.4	.1	-	.1	.1	.1	-
39	Miscellaneous manufacturing industries	1.9	.6	1.0	-	.2	.1	.1
	Middle Atlantic Division.....	1,402.7	155.2	208.3	57.1	921.0	28.7	32.2
	New York.....	311.6	38.3	11.6	22.4	220.6	9.2	9.4
20	Food and kindred products.....	16.9	2.8	.1	.2	12.0	.6	1.1
22	Textile mill products.....	2.6	2.1	-	-	.2	.1	.1
26	Paper and allied products.....	18.5	9.7	2.0	.1	5.8	.2	.7
28	Chemicals and allied products.....	85.9	4.5	.3	1.5	76.2	1.7	1.7
29	Petroleum and coal products.....	(D)	-	-	-	(D)	-	(D)
30	Rubber and miscellaneous plastics products.....	(D)	(D)	-	-	(D)	-	(D)
31	Leather and leather products.....	(D)	(D)	-	-	-	-	-

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Water discharged—Continued						
		Untreated water, by last use						Boiler feed and other uses
		Total	Process	Cooling and condensing			Sanitary service	
				Steam electric power generation	Air conditioning	Other		
	Middle Atlantic Division--Con. New York--Continued							
32	Stone, clay, and glass products.....	6.2	1.3	(D)	(D)	3.5	0.6	0.2
33	Primary metal industries.....	114.9	9.4	8.5	1.6	90.5	1.5	3.4
34	Fabricated metal products.....	2.5	.7	-	-	1.3	.3	.2
35	Machinery, except electrical.....	28.7	.9	(D)	(D)	(D)	1.0	.4
36	Electric and electronic equipment.....	9.1	1.6	-	2.1	3.2	1.8	.3
37	Transportation equipment.....	10.2	2.5	-	3.1	3.5	.4	.8
38	Instruments and related products.....	(D)	(D)	-	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing industries	(D)	(D)	-	-	(D)	(D)	-
	New Jersey.....	152.6	26.5	11.9	5.1	95.8	4.8	8.4
20	Food and kindred products.....	11.2	3.4	-	.6	4.9	1.3	.9
22	Textile mill products.....	2.3	1.6	-	.1	.4	.1	.1
26	Paper and allied products.....	9.7	7.6	1.3	-	.4	.1	.2
28	Chemicals and allied products.....	69.9	4.3	6.6	1.3	51.0	.6	6.0
29	Petroleum and coal products.....	(D)	-	(D)	-	(D)	(D)	(D)
30	Rubber and miscellaneous plastics products.....	2.8	.5	-	(D)	2.0	.1	(D)
32	Stone, clay, and glass products.....	10.5	5.4	(D)	-	3.8	(D)	.1
33	Primary metal industries.....	19.3	1.8	(D)	-	15.3	.3	(D)
34	Fabricated metal products.....	1.0	.3	-	-	.4	.2	-
35	Machinery, except electrical.....	(D)	(D)	-	(D)	(D)	(D)	(D)
36	Electric and electronic equipment.....	5.8	.5	-	2.7	1.3	1.1	.2
37	Transportation equipment.....	1.1	.5	-	(D)	.3	(D)	(D)
38	Instruments and related products.....	.4	(D)	-	-	-	(D)	(D)
39	Miscellaneous manufacturing industries	.4	.2	-	.1	-	.1	-
	Pennsylvania.....	938.5	90.4	184.8	29.7	604.5	14.7	14.4
20	Food and kindred products.....	20.4	3.4	(D)	(D)	15.0	1.1	.8
22	Textile mill products.....	2.6	1.9	-	-	(D)	.2	(D)
25	Furniture and fixtures.....	.1	-	-	-	.1	-	-
26	Paper and allied products.....	14.4	7.7	1.6	(D)	4.5	(D)	.3
28	Chemicals and allied products.....	69.7	.4	(D)	1.2	66.0	(D)	1.1
29	Petroleum and coal products.....	21.6	.1	-	-	20.9	.2	.4
30	Rubber and miscellaneous plastics products.....	5.0	1.2	-	.2	3.0	.3	.4
31	Leather and leather products.....	(D)	(D)	-	-	-	-	-
32	Stone, clay, and glass products.....	11.8	2.4	3.2	.1	5.3	.5	.2
33	Primary metal industries.....	763.5	68.9	179.4	26.2	472.8	7.2	8.9
34	Fabricated metal products.....	5.2	1.6	-	.1	2.2	.7	.6
35	Machinery, except electrical.....	10.2	.4	-	.8	7.6	.8	.6
36	Electric and electronic equipment.....	5.4	1.0	.1	.6	2.5	.9	.3
37	Transportation equipment.....	(D)	(D)	(D)	-	(D)	(D)	(D)
38	Instruments and related products.....	1.2	.2	-	-	.1	.8	-
39	Miscellaneous manufacturing industries	1.7	(D)	-	-	1.3	(D)	.1
	East North Central Division.....	2,135.3	229.6	526.9	46.7	1,217.5	51.3	62.7
	Ohio.....	590.3	45.6	120.8	6.3	389.7	12.1	15.5
20	Food and kindred products.....	7.2	3.1	-	.1	2.5	.9	.6
22	Textile mill products.....	2.0	.4	-	-	1.5	-	-
25	Furniture and fixtures.....	.5	(D)	-	-	(D)	-	-
26	Paper and allied products.....	19.3	2.4	13.7	.1	2.4	.4	.3
28	Chemicals and allied products.....	71.5	2.4	(D)	.9	60.8	(D)	1.9
29	Petroleum and coal products.....	(D)	-	(D)	(D)	(D)	(D)	(D)
30	Rubber and miscellaneous plastics products.....	13.2	(D)	(D)	(D)	9.6	1.0	.5
32	Stone, clay, and glass products.....	17.3	2.1	(D)	.7	(D)	.4	1.8
33	Primary metal industries.....	399.6	24.4	90.9	.3	272.2	3.6	8.2
34	Fabricated metal products.....	8.2	3.1	.1	.2	3.0	1.1	.7
35	Machinery, except electrical.....	9.8	2.1	(D)	1.9	3.6	1.3	(D)
36	Electric and electronic equipment.....	(D)	(D)	-	(D)	(D)	(D)	(D)
37	Transportation equipment.....	14.0	2.6	-	1.3	7.9	1.5	.6
38	Instruments and related products.....	.2	-	-	-	-	.1	-
39	Miscellaneous manufacturing industries	.3	.1	-	-	.1	-	-
	Indiana.....	699.5	23.6	235.3	3.6	419.7	8.6	8.6
20	Food and kindred products.....	10.5	4.2	(D)	(D)	5.1	.3	.8
24	Lumber and wood products.....	-	-	-	-	-	-	-
25	Furniture and fixtures.....	(D)	-	-	-	(D)	-	-
26	Paper and allied products.....	2.6	.8	.7	.1	.9	-	.1
28	Chemicals and allied products.....	65.0	2.8	(D)	.5	60.4	.7	(D)
29	Petroleum and coal products.....	(D)	(D)	-	(D)	(D)	(D)	(D)
30	Rubber and miscellaneous plastics products.....	(D)	(D)	-	(D)	(D)	(D)	(D)
32	Stone, clay, and glass products.....	7.4	(D)	-	-	(D)	.1	-
33	Primary metal industries.....	588.4	1.1	234.2	1.1	342.1	4.4	5.4
34	Fabricated metal products.....	3.3	1.9	-	.1	.8	.3	.3
35	Machinery, except electrical.....	3.1	1.2	-	.3	.9	.6	.1
36	Electric and electronic equipment.....	7.3	2.4	-	.7	2.7	.9	.5
37	Transportation equipment.....	5.0	2.5	-	.3	1.4	.5	.3
38	Instruments and related products.....	.4	(D)	-	(D)	.2	-	-

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)												
SIC code	Geographic area and major industry group	Gross water used, including recirculated	Water intake	Water discharged								
				Total	Treated water, by last use						Sanitary service	Boiler feed and other uses
					Total	Process	Cooling and condensing					
							Steam electric power generation	Air conditioning	Other			
	Middle Atlantic Division--Con. New York--Continued											
32	Stone, clay, and glass products.....	14.5	10.1	8.9	2.7	1.1	-	-	1.5	-		
33	Primary metal industries.....	288.9	172.4	165.1	50.2	35.0	-	-	13.9	0.9	0.4	
34	Fabricated metal products.....	19.2	3.4	3.1	.6	.4	-	-	-	.1	.1	
35	Machinery, except electrical.....	60.6	34.0	33.6	5.0	2.0	-	(D)	(D)	-	(D)	
36	Electric and electronic equipment.....	31.1	15.9	15.1	6.0	3.2	-	0.7	(D)	(D)	.1	
37	Transportation equipment.....	45.4	13.4	13.3	3.1	.9	-	-	(D)	(D)	-	
38	Instruments and related products.....	88.3	17.4	16.1	(D)	(D)	(D)	(D)	(D)	-	(D)	
39	Miscellaneous manufacturing industries	1.3	1.1	1.1	(D)	(D)	-	-	(D)	-	(D)	
	New Jersey.....	846.5	407.0	384.3	231.7	40.9	0.9	2.1	176.7	1.2	9.9	
20	Food and kindred products.....	57.2	17.6	15.5	4.3	3.2	-	-	.7	.1	.3	
22	Textile mill products.....	4.2	4.1	3.5	1.1	1.1	-	-	-	-	-	
26	Paper and allied products.....	51.0	17.1	15.4	5.8	5.1	(D)	(D)	.1	-	(D)	
28	Chemicals and allied products.....	342.7	202.2	190.8	121.0	18.4	.1	1.4	96.1	.7	4.2	
29	Petroleum and coal products.....	271.5	108.2	104.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
30	Rubber and miscellaneous plastics products.....	6.5	3.4	3.3	.5	-	-	-	.4	-	-	
32	Stone, clay, and glass products.....	23.4	12.9	12.2	1.7	1.3	(D)	-	.2	(D)	-	
33	Primary metal industries.....	45.3	25.2	24.0	4.6	3.2	-	-	1.2	-	.2	
34	Fabricated metal products.....	3.9	1.8	1.6	.6	(D)	-	-	(D)	-	-	
35	Machinery, except electrical.....	6.4	4.1	4.0	(D)	-	-	-	(D)	-	-	
36	Electric and electronic equipment.....	11.6	6.5	6.3	.5	.3	-	-	.1	-	.1	
37	Transportation equipment.....	18.7	2.0	1.8	.6	.4	-	-	(D)	(D)	.1	
38	Instruments and related products.....	3.2	1.3	1.1	.8	-	-	(D)	(D)	-	-	
39	Miscellaneous manufacturing industries	.6	.4	.4	-	-	-	-	-	-	-	
	Pennsylvania.....	3,364.3	1,434.2	1,377.1	438.6	216.4	10.1	.4	197.0	1.8	12.8	
20	Food and kindred products.....	41.6	26.0	24.1	3.6	2.5	-	-	.3	-	.7	
22	Textile mill products.....	4.6	4.0	3.6	1.0	.9	-	-	-	-	.1	
25	Furniture and fixtures.....	.3	.2	.2	.1	-	-	-	-	-	-	
26	Paper and allied products.....	285.3	60.5	56.8	42.4	30.5	9.9	(D)	(D)	(D)	.6	
28	Chemicals and allied products.....	267.4	122.6	117.2	47.5	(D)	(D)	-	(D)	.4	1.5	
29	Petroleum and coal products.....	471.6	116.3	106.8	85.2	5.6	-	-	77.5	-	2.1	
30	Rubber and miscellaneous plastics products.....	(D)	7.2	6.2	1.2	1.1	-	-	.1	-	-	
31	Leather and leather products.....	.5	.5	.4	(D)	(D)	-	-	-	-	-	
32	Stone, clay, and glass products.....	(D)	16.9	14.5	2.7	(D)	-	-	(D)	.1	.7	
33	Primary metal industries.....	1,499.3	1,043.9	1,013.3	249.8	165.0	(D)	(D)	76.6	1.0	7.0	
34	Fabricated metal products.....	21.7	6.7	6.4	1.3	(D)	-	-	(D)	-	-	
35	Machinery, except electrical.....	27.7	11.1	10.8	.6	(D)	-	-	(D)	-	.1	
36	Electric and electronic equipment.....	(D)	8.1	7.8	2.4	2.1	-	-	.1	.1	-	
37	Transportation equipment.....	23.1	6.2	5.4	(D)	(D)	-	-	-	(D)	-	
38	Instruments and related products.....	1.8	1.5	1.3	.1	.1	-	-	-	-	-	
39	Miscellaneous manufacturing industries	10.0	2.4	2.0	.3	.3	-	-	-	-	-	
	East North Central Division.....	8,762.6	3,875.2	3,684.0	1,548.7	889.1	138.3	50.8	423.3	10.3	36.9	
	Ohio.....	2,674.5	1,019.6	964.9	374.6	195.4	(D)	(D)	102.7	3.3	(D)	
20	Food and kindred products.....	44.7	12.3	10.6	3.4	2.5	-	-	.4	.2	.3	
22	Textile mill products.....	3.0	2.2	2.0	-	-	-	-	-	-	-	
25	Furniture and fixtures.....	.5	.5	.5	-	-	-	-	-	-	-	
26	Paper and allied products.....	169.1	51.9	48.5	29.2	25.4	(D)	(D)	2.6	-	.9	
28	Chemicals and allied products.....	565.1	127.2	119.4	47.9	6.2	(D)	.1	36.4	.2	(D)	
29	Petroleum and coal products.....	204.1	42.2	39.7	(D)	(D)	-	-	(D)	-	(D)	
30	Rubber and miscellaneous plastics products.....	46.7	22.4	19.4	6.2	.3	-	1.0	4.4	.2	.2	
32	Stone, clay, and glass products.....	60.4	22.4	20.4	3.1	2.0	(D)	-	.5	(D)	.2	
33	Primary metal industries.....	1,312.3	683.7	653.2	253.7	150.7	(D)	.1	40.8	1.9	(D)	
34	Fabricated metal products.....	39.1	11.1	10.3	2.1	1.9	-	-	-	(D)	(D)	
35	Machinery, except electrical.....	37.7	16.4	15.6	5.8	2.0	-	1.5	(D)	-	(D)	
36	Electric and electronic equipment.....	30.0	7.0	6.0	(D)	(D)	-	(D)	(D)	(D)	-	
37	Transportation equipment.....	160.5	19.5	18.4	4.4	1.9	-	.1	1.8	.2	.3	
38	Instruments and related products.....	.5	.2	.2	-	-	-	-	-	-	-	
39	Miscellaneous manufacturing industries	.6	.4	.4	.1	.1	-	-	-	-	-	
	Indiana.....	2,067.2	1,221.9	1,178.3	478.8	254.3	2.4	(D)	166.9	2.6	(D)	
20	Food and kindred products.....	43.6	23.7	20.0	9.5	2.4	(D)	(D)	5.2	.4	.3	
24	Lumber and wood products.....	.4	.1	.1	-	-	-	-	-	-	-	
25	Furniture and fixtures.....	(D)	.3	.3	(D)	(D)	-	-	-	-	-	
26	Paper and allied products.....	14.3	4.4	4.3	1.6	1.6	-	-	-	-	-	
28	Chemicals and allied products.....	177.8	72.8	70.1	5.1	2.0	-	(D)	2.0	.2	(D)	
29	Petroleum and coal products.....	218.2	(D)	(D)	(D)	(D)	(D)	-	(D)	-	(D)	
30	Rubber and miscellaneous plastics products.....	21.6	(D)	(D)	(D)	(D)	-	-	-	-	(D)	
32	Stone, clay, and glass products.....	20.0	10.6	8.7	1.3	.6	-	-	.6	.1	-	
33	Primary metal industries.....	1,469.9	1,016.7	987.4	398.9	233.4	-	(D)	(D)	1.7	3.3	
34	Fabricated metal products.....	14.8	4.5	4.3	1.0	.7	-	-	.2	-	.1	
35	Machinery, except electrical.....	12.8	4.8	4.5	1.5	.7	-	.1	.5	-	.2	
36	Electric and electronic equipment.....	47.2	10.4	9.7	2.4	2.3	-	-	-	-	.1	
37	Transportation equipment.....	20.1	7.5	7.0	2.0	.8	-	-	1.1	-	.1	
38	Instruments and related products.....	(D)	1.0	.9	.5	.2	-	-	(D)	-	(D)	

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated water, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
	East North Central Division--Con.										
	Illinois.....	1,645.1	504.6	493.5	196.6	111.0	6.8	2.2	65.1	2.8	8.7
20	Food and kindred products.....	157.7	52.8	46.7	9.9	6.2	-	(D)	2.0	(D)	1.2
22	Textile mill products.....	.7	.6	.6	-	-	-	-	-	-	-
25	Furniture and fixtures.....	1.2	1.0	1.0	(D)	-	-	-	-	-	-
26	Paper and allied products.....	52.7	15.0	14.3	8.9	6.7	1.3	-	(D)	-	(D)
28	Chemicals and allied products.....	257.2	69.8	62.1	12.4	3.2	-	(D)	7.4	(D)	.5
29	Petroleum and coal products.....	457.0	36.4	28.4	16.1	2.9	.2	.1	9.6	.3	3.1
30	Rubber and miscellaneous plastics products.....	8.7	3.9	3.9	1.1	(D)	-	(D)	.6	-	-
31	Leather and leather products.....	.3	.3	.3	.2	.2	-	-	-	-	-
32	Stone, clay, and glass products.....	20.9	12.9	12.0	1.1	.7	-	.1	.2	-	.1
33	Primary metal industries.....	555.8	270.6	286.2	132.9	85.7	(D)	(D)	42.3	1.2	3.1
34	Fabricated metal products.....	24.4	10.9	10.3	2.6	1.9	-	-	.4	.2	.1
35	Machinery, except electrical.....	57.2	17.8	16.4	9.4	1.4	(D)	(D)	1.8	.1	.2
36	Electric and electronic equipment.....	36.2	7.9	7.5	1.2	1.0	-	-	(D)	-	(D)
37	Transportation equipment.....	12.4	2.9	2.1	.5	.4	-	-	.1	-	-
38	Instruments and related products.....	2.2	1.3	1.3	.2	.2	-	-	-	-	-
	Michigan.....	1,764.4	868.9	803.0	398.3	250.7	(D)	(D)	77.4	(D)	(D)
20	Food and kindred products.....	23.1	(D)	18.4	3.6	2.1	(D)	.4	(D)	(D)	.4
25	Furniture and fixtures.....	1.7	.5	.4	.1	-	-	-	-	-	-
26	Paper and allied products.....	251.7	87.9	84.4	33.4	29.7	1.0	-	1.5	.2	1.0
28	Chemicals and allied products.....	233.9	151.2	117.8	34.7	9.3	-	-	24.5	(D)	(D)
29	Petroleum and coal products.....	80.2	(D)	(D)	(D)	(D)	-	-	(D)	-	(D)
30	Rubber and miscellaneous plastics products.....	8.3	7.2	6.6	1.0	-	-	-	.8	(D)	(D)
31	Leather and leather products.....	.6	.6	.6	(D)	(D)	-	-	-	-	-
32	Stone, clay, and glass products.....	34.5	30.3	29.9	5.0	3.2	-	-	1.6	(D)	(D)
33	Primary metal industries.....	569.4	451.7	427.6	299.3	192.3	(D)	(D)	(D)	.1	-
34	Fabricated metal products.....	42.1	11.7	11.3	2.6	2.3	-	-	.2	-	-
35	Machinery, except electrical.....	23.5	8.9	8.7	.7	.2	-	-	.5	-	-
36	Electric and electronic equipment.....	9.7	4.7	4.1	.8	.6	-	-	.2	-	-
37	Transportation equipment.....	479.6	60.8	57.5	15.4	9.8	-	.2	4.6	.3	.5
	Wisconsin.....	611.5	260.3	244.2	100.4	77.6	8.7	(D)	11.2	(D)	1.9
20	Food and kindred products.....	60.8	32.3	30.0	5.9	4.5	-	(D)	1.1	(D)	(D)
25	Furniture and fixtures.....	.2	.2	.2	-	-	-	-	-	-	-
26	Paper and allied products.....	417.3	178.0	168.3	81.6	65.8	8.7	.4	5.3	.1	1.3
28	Chemicals and allied products.....	14.6	11.2	10.1	(D)	(D)	-	(D)	(D)	-	(D)
30	Rubber and miscellaneous plastics products.....	5.5	2.9	2.5	(D)	-	-	-	(D)	-	-
31	Leather and leather products.....	2.0	1.7	1.7	.9	(D)	-	-	-	-	(D)
32	Stone, clay, and glass products.....	6.8	3.5	3.4	.4	.2	-	-	.2	-	.1
33	Primary metal industries.....	16.2	7.1	6.2	1.9	1.5	-	-	.4	-	-
34	Fabricated metal products.....	9.6	5.3	5.1	1.3	.9	-	-	.4	-	-
35	Machinery, except electrical.....	10.9	7.0	6.4	1.1	.4	-	-	.7	-	-
36	Electric and electronic equipment.....	15.0	4.0	3.9	.7	(D)	-	-	(D)	-	-
37	Transportation equipment.....	38.8	4.6	4.4	(D)	(D)	-	-	-	-	-
38	Instruments and related products.....	1.2	.3	.3	-	-	-	-	-	-	-
39	Miscellaneous manufacturing industries	2.3	1.1	1.1	(D)	(D)	-	-	(D)	-	-
	West North Central Division.....	1,634.7	385.6	348.8	136.1	75.1	4.0	1.6	46.2	2.4	6.8
	Minnesota.....	246.7	90.2	83.5	33.8	23.0	1.0	-	6.3	.5	3.1
20	Food and kindred products.....	44.6	25.4	23.2	9.7	5.3	(D)	-	2.7	(D)	.6
26	Paper and allied products.....	87.1	43.6	42.0	15.6	14.3	-	-	(D)	-	(D)
28	Chemicals and allied products.....	8.2	2.6	2.6	(D)	(D)	-	-	-	-	(D)
29	Petroleum and coal products.....	70.9	2.8	1.7	1.7	.6	-	-	.8	-	.3
30	Rubber and miscellaneous plastics products.....	.2	.1	.1	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	.6	.5	.5	(D)	-	-	-	(D)	-	-
33	Primary metal industries.....	15.3	1.3	1.0	.3	.3	-	-	-	-	-
34	Fabricated metal products.....	8.5	8.2	7.3	(D)	(D)	-	-	(D)	(D)	(D)
35	Machinery, except electrical.....	4.5	(D)	(D)	(D)	-	-	-	(D)	-	-
36	Electric and electronic equipment.....	1.2	1.2	1.2	.1	.1	-	-	-	-	-
39	Miscellaneous manufacturing industries	(D)	(D)	.3	-	-	-	-	-	-	-
	Iowa.....	237.9	136.6	125.2	45.8	14.2	1.5	1.2	27.3	.6	.9
20	Food and kindred products.....	84.7	56.6	53.5	15.3	10.9	.2	(D)	2.0	.4	(D)
26	Paper and allied products.....	3.8	1.1	1.1	.8	(D)	(D)	-	-	-	-
28	Chemicals and allied products.....	81.3	31.3	29.2	(D)	(D)	-	-	(D)	-	(D)
30	Rubber and miscellaneous plastics products.....	11.3	7.1	6.7	1.6	(D)	-	-	(D)	-	(D)
32	Stone, clay, and glass products.....	2.0	1.9	1.8	-	-	-	-	-	-	-
34	Fabricated metal products.....	2.8	1.9	1.9	.2	(D)	-	-	-	(D)	-
35	Machinery, except electrical.....	27.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
36	Electric and electronic equipment.....	4.3	1.1	1.1	.3	(D)	-	-	(D)	-	-

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Water discharged—Continued						
		Untreated water, by last use						
		Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
Steam elec- tric power generation	Air conditioning			Other				
	East North Central Division--Con.							
	Illinois.....	296.9	23.5	72.4	4.8	175.0	11.6	9.6
20	Food and kindred products.....	36.8	5.0	.5	.8	26.3	1.6	2.6
22	Textile mill products.....	.5	(D)	-	(D)	-	-	-
25	Furniture and fixtures.....	(D)	(D)	-	(D)	(D)	(D)	-
26	Paper and allied products.....	5.4	1.5	2.2	.3	.9	.2	.2
28	Chemicals and allied products.....	49.7	2.9	-	.3	43.2	1.4	1.9
29	Petroleum and coal products.....	12.3	.1	-	-	11.9	.1	.2
30	Rubber and miscellaneous plastics products.....	2.8	.4	-	.1	1.8	.2	.2
31	Leather and leather products.....	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	10.9	1.0	(D)	.2	1.1	.2	(D)
33	Primary metal industries.....	153.4	(D)	(D)	1.1	82.3	(D)	.5
34	Fabricated metal products.....	7.7	3.6	(D)	.4	2.0	1.0	(D)
35	Machinery, except electrical.....	7.1	1.5	-	.4	2.8	1.4	.9
36	Electric and electronic equipment.....	6.3	2.0	(D)	.7	(D)	.9	.6
37	Transportation equipment.....	1.6	.7	-	-	.3	.5	.1
38	Instruments and related products.....	1.1	.3	-	.2	.2	.3	.2
	Michigan.....	404.7	84.5	53.4	29.6	200.9	13.6	22.5
20	Food and kindred products.....	14.7	4.4	.4	.7	5.5	.7	3.1
25	Furniture and fixtures.....	.4	(D)	-	-	(D)	-	(D)
26	Paper and allied products.....	51.0	19.9	23.8	.2	5.4	.2	1.5
28	Chemicals and allied products.....	83.1	13.1	(D)	(D)	38.0	.5	1.2
29	Petroleum and coal products.....	(D)	-	-	-	(D)	-	-
30	Rubber and miscellaneous plastics products.....	5.7	.3	-	.2	4.7	.3	.2
31	Leather and leather products.....	(D)	(D)	-	-	-	-	-
32	Stone, clay, and glass products.....	24.9	.8	(D)	.2	(D)	(D)	.2
33	Primary metal industries.....	128.3	25.0	-	.3	97.4	3.5	2.0
34	Fabricated metal products.....	8.6	3.5	-	.2	3.0	1.4	.5
35	Machinery, except electrical.....	7.9	3.5	-	.3	2.5	1.3	.3
36	Electric and electronic equipment.....	3.3	1.0	-	(D)	1.6	.3	(D)
37	Transportation equipment.....	42.1	12.5	(D)	(D)	7.6	5.0	13.2
	Wisconsin.....	143.9	52.4	44.9	2.4	32.2	5.4	6.6
20	Food and kindred products.....	24.1	7.6	(D)	.2	11.7	(D)	.8
25	Furniture and fixtures.....	.1	.1	-	-	-	-	-
26	Paper and allied products.....	86.7	36.1	(D)	(D)	5.6	.9	1.9
28	Chemicals and allied products.....	(D)	(D)	-	(D)	(D)	(D)	-
30	Rubber and miscellaneous plastics products.....	(D)	(D)	-	-	(D)	(D)	(D)
31	Leather and leather products.....	.8	.7	-	-	-	-	-
32	Stone, clay, and glass products.....	2.9	.1	-	-	.3	(D)	(D)
33	Primary metal industries.....	4.3	.4	-	.3	3.1	.5	.1
34	Fabricated metal products.....	3.7	1.2	-	.2	1.6	.5	.2
35	Machinery, except electrical.....	5.3	1.7	-	.5	1.7	.9	.6
36	Electric and electronic equipment.....	3.2	1.0	-	.2	1.1	.8	.1
37	Transportation equipment.....	(D)	(D)	-	(D)	(D)	(D)	(D)
38	Instruments and related products.....	.3	.2	-	-	-	.1	-
39	Miscellaneous manufacturing industries	(D)	(D)	-	(D)	(D)	(D)	-
	West North Central Division.....	212.8	54.7	30.4	6.4	101.6	9.8	9.7
	Minnesota.....	49.7	25.6	5.0	1.5	13.6	1.9	2.1
20	Food and kindred products.....	13.5	4.1	(D)	.3	7.2	.6	(D)
26	Paper and allied products.....	26.5	18.1	(D)	.1	2.6	.3	(D)
28	Chemicals and allied products.....	(D)	-	-	-	(D)	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	.1	-	-	-	.1	-	-
32	Stone, clay, and glass products.....	(D)	(D)	-	-	(D)	-	-
33	Primary metal industries.....	.7	.3	-	-	.4	-	-
34	Fabricated metal products.....	(D)	(D)	-	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	(D)	(D)	-	(D)	(D)	(D)	-
36	Electric and electronic equipment.....	1.1	.4	-	(D)	.5	(D)	-
39	Miscellaneous manufacturing industries	.3	-	-	-	(D)	-	(D)
	Iowa.....	79.4	12.5	17.5	3.5	42.1	1.8	2.0
20	Food and kindred products.....	38.2	4.2	(D)	.7	27.2	.8	(D)
26	Paper and allied products.....	.3	(D)	-	-	(D)	-	-
28	Chemicals and allied products.....	(D)	(D)	-	-	(D)	(D)	(D)
30	Rubber and miscellaneous plastics products.....	5.1	.6	-	.8	3.4	.2	.1
32	Stone, clay, and glass products.....	1.7	.1	1.0	-	.5	-	.2
34	Fabricated metal products.....	1.6	.6	-	(D)	.7	-	(D)
35	Machinery, except electrical.....	(D)	.3	(D)	(D)	(D)	(D)	-
36	Electric and electronic equipment.....	.7	.2	-	.1	.2	.2	-

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated water, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
	West North Central Division--Con.										
	Missouri.....	714.9	89.9	81.4	32.9	27.1	-	0.3	4.8	0.3	0.3
20	Food and kindred products.....	73.2	19.8	18.0	2.5	2.0	-	-	.3	.1	.1
26	Paper and allied products.....	5.5	.6	.5	(D)	(D)	-	-	-	-	-
28	Chemicals and allied products.....	110.3	29.8	27.3	8.6	7.9	-	-	(D)	(D)	.1
32	Stone, clay, and glass products.....	8.0	5.4	4.5	3.1	1.2	-	-	1.8	-	.1
33	Primary metal industries.....	(D)	17.3	16.4	(D)	(D)	-	(D)	(D)	-	-
34	Fabricated metal products.....	11.4	3.6	3.4	.9	(D)	-	(D)	-	-	-
35	Machinery, except electrical.....	(D)	1.4	1.4	.1	-	-	-	-	-	-
36	Electric and electronic equipment.....	(D)	1.6	1.3	.4	.4	-	-	-	-	-
37	Transportation equipment.....	95.2	4.6	3.5	.9	(D)	-	-	-	(D)	-
	North Dakota.....	19.9	2.2	1.7	(D)	(D)	-	-	(D)	-	(D)
20	Food and kindred products.....	3.6	1.3	1.2	(D)	(D)	-	-	(D)	-	-
	South Dakota.....	4.3	1.9	1.9	(D)	(D)	(D)	-	-	-	-
20	Food and kindred products.....	4.3	1.9	1.9	(D)	(D)	(D)	-	-	-	-
	Nebraska.....	96.3	26.6	24.6	7.1	3.7	-	-	(D)	(D)	(D)
20	Food and kindred products.....	22.7	12.2	11.6	5.2	3.4	-	-	(D)	-	(D)
28	Chemicals and allied products.....	64.2	9.6	8.6	(D)	-	-	-	(D)	-	-
30	Rubber and miscellaneous plastics products.....	1.0	1.0	1.0	.1	-	-	-	-	-	-
32	Stone, clay, and glass products.....	.6	.5	.4	-	-	-	-	-	-	-
33	Primary metal industries.....	1.5	.3	.3	-	-	-	-	-	-	-
34	Fabricated metal products.....	.3	.3	.3	(D)	-	-	-	-	(D)	-
36	Electric and electronic equipment.....	2.1	.3	.3	(D)	(D)	-	-	-	-	-
37	Transportation equipment.....	.4	.4	.4	-	-	-	-	-	-	-
	Kansas.....	314.8	38.2	30.7	13.7	5.4	(D)	-	4.5	(D)	1.9
20	Food and kindred products.....	12.6	7.6	7.2	3.7	3.2	-	-	.1	.3	.2
28	Chemicals and allied products.....	82.1	12.4	10.2	4.1	(D)	(D)	-	2.0	-	.4
29	Petroleum and coal products.....	169.4	7.9	4.7	3.5	.3	-	-	1.8	-	1.3
30	Rubber and miscellaneous plastics products.....	3.6	1.8	1.8	(D)	(D)	-	-	(D)	(D)	-
32	Stone, clay, and glass products.....	18.1	3.1	2.3	(D)	(D)	-	-	(D)	-	-
34	Fabricated metal products.....	.8	.8	.8	.1	-	-	-	-	.1	-
35	Machinery, except electrical.....	1.6	.8	.8	(D)	(D)	-	-	-	-	-
36	Electric and electronic equipment.....	.6	.2	.2	(D)	-	-	-	(D)	-	-
37	Transportation equipment.....	(D)	1.9	1.5	.2	.2	-	-	-	-	-
	South Atlantic Division.....	6,153.4	2,287.5	2,138.3	926.7	484.0	79.3	11.6	306.9	11.1	33.0
	Delaware.....	318.6	184.6	182.6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	Food and kindred products.....	8.1	3.0	2.8	1.8	1.5	-	-	.1	.1	-
26	Paper and allied products.....	1.2	.9	.8	(D)	(D)	-	-	-	-	-
28	Chemicals and allied products.....	115.6	43.4	42.0	2.1	1.2	-	-	.5	.2	.2
30	Rubber and miscellaneous plastics products.....	3.5	2.6	2.6	(D)	(D)	-	-	-	-	-
37	Transportation equipment.....	28.4	1.3	1.2	(D)	(D)	-	-	-	-	-
	Maryland.....	555.7	372.3	341.9	119.6	(D)	-	-	(D)	.8	1.3
20	Food and kindred products.....	16.4	13.2	12.5	1.9	1.2	-	-	.1	.2	.4
26	Paper and allied products.....	35.4	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)
28	Chemicals and allied products.....	65.5	30.5	29.3	4.3	2.9	-	-	1.1	(D)	(D)
30	Rubber and miscellaneous plastics products.....	1.2	1.0	1.0	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	3.6	2.2	1.9	(D)	(D)	-	-	-	-	-
34	Fabricated metal products.....	.7	.5	.5	.1	.1	-	-	-	-	-
35	Machinery, except electrical.....	1.5	.5	.5	(D)	(D)	-	-	-	-	-
36	Electric and electronic equipment.....	7.8	1.0	.9	.2	.2	-	-	-	-	-
37	Transportation equipment.....	23.8	2.9	2.8	(D)	(D)	-	-	-	-	(D)
	District of Columbia.....	.8	.2	.2	-	-	-	-	-	-	-
20	Food and kindred products.....	(D)	(D)	.1	-	-	-	-	-	-	-
	Virginia.....	862.7	306.5	283.2	60.9	51.6	-	.2	3.1	1.7	4.3
20	Food and kindred products.....	20.9	6.8	6.0	3.5	2.7	-	-	.1	.3	.3
21	Tobacco products.....	19.3	1.6	1.4	(D)	(D)	-	-	-	-	-
22	Textile mill products.....	21.0	13.3	11.9	(D)	(D)	-	(D)	(D)	(D)	(D)
24	Lumber and wood products.....	1.7	.8	.6	(D)	(D)	-	-	(D)	-	-
25	Furniture and fixtures.....	1.5	1.5	1.5	(D)	(D)	-	-	-	-	-
26	Paper and allied products.....	347.1	79.2	63.7	26.5	25.7	-	(D)	-	(D)	.3
28	Chemicals and allied products.....	344.2	138.5	136.1	16.9	13.1	-	-	-	.8	2.9

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Water discharged—Continued						
		Untreated water, by last use						
		Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
Steam elec- tric power generation	Air conditioning			Other				
	West North Central Division--Con.							
	Missouri.....	48.5	10.8	7.9	0.8	21.4	4.8	2.8
20	Food and kindred products.....	15.4	3.8	(D)	.3	5.1	2.9	(D)
26	Paper and allied products.....	(D)	(D)	-	-	(D)	-	-
28	Chemicals and allied products.....	18.6	(D)	(D)	.2	10.9	.2	.4
32	Stone, clay, and glass products.....	1.3	.1	-	-	.7	.1	.4
33	Primary metal industries.....	(D)	(D)	-	-	(D)	(D)	(D)
34	Fabricated metal products.....	2.5	1.7	-	-	.4	(D)	(D)
35	Machinery, except electrical.....	1.3	.8	-	-	.3	.1	-
36	Electric and electronic equipment....	.9	.5	-	-	.2	.2	.1
37	Transportation equipment.....	2.6	.7	-	.2	.9	.6	.2
	North Dakota.....	(D)	(D)	-	-	-	-	-
20	Food and kindred products.....	(D)	-	-	-	-	-	-
	South Dakota.....	(D)	(D)	-	-	(D)	-	(D)
20	Food and kindred products.....	(D)	(D)	-	-	(D)	-	(D)
	Nebraska.....	17.4	2.4	-	.3	13.8	.5	.4
20	Food and kindred products.....	6.3	1.3	-	(D)	4.4	.4	(D)
28	Chemicals and allied products.....	(D)	(D)	-	-	(D)	-	(D)
30	Rubber and miscellaneous plastics products.....	1.0	.2	-	-	.7	-	.1
32	Stone, clay, and glass products.....	.4	-	-	(D)	(D)	-	-
33	Primary metal industries.....	.3	-	-	-	.3	-	-
34	Fabricated metal products.....	(D)	-	-	-	-	-	-
36	Electric and electronic equipment....	(D)	-	-	-	(D)	-	-
37	Transportation equipment.....	.4	(D)	-	-	(D)	-	-
	Kansas.....	17.0	3.3	-	.4	(D)	.7	(D)
20	Food and kindred products.....	3.5	.5	-	-	2.4	.1	.4
28	Chemicals and allied products.....	6.1	1.0	-	-	4.6	.1	.4
29	Petroleum and coal products.....	1.2	-	-	-	(D)	-	(D)
30	Rubber and miscellaneous plastics products.....	(D)	(D)	-	-	(D)	-	(D)
32	Stone, clay, and glass products.....	(D)	-	-	(D)	(D)	-	(D)
34	Fabricated metal products.....	.6	.4	-	-	.2	-	-
35	Machinery, except electrical.....	(D)	(D)	-	-	(D)	(D)	(D)
36	Electric and electronic equipment....	(D)	-	-	-	-	-	-
37	Transportation equipment.....	1.2	.4	-	(D)	.5	(D)	.1
	South Atlantic Division.....	1,211.0	181.8	312.4	27.2	649.3	13.0	26.9
	Delaware.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	Food and kindred products.....	1.0	.1	-	-	.8	-	-
26	Paper and allied products.....	(D)	(D)	-	-	-	-	-
28	Chemicals and allied products.....	39.9	5.9	(D)	(D)	20.1	.1	(D)
30	Rubber and miscellaneous plastics products.....	(D)	(D)	-	(D)	(D)	(D)	-
37	Transportation equipment.....	(D)	(D)	-	(D)	(D)	(D)	(D)
	Maryland.....	222.3	9.0	104.5	1.8	102.8	2.3	1.9
20	Food and kindred products.....	10.6	2.5	.2	-	6.9	.4	.6
26	Paper and allied products.....	(D)	-	(D)	-	(D)	-	(D)
28	Chemicals and allied products.....	25.0	.2	6.0	(D)	18.4	.1	(D)
30	Rubber and miscellaneous plastics products.....	1.0	.2	-	-	(D)	-	(D)
32	Stone, clay, and glass products.....	(D)	(D)	-	-	(D)	-	(D)
34	Fabricated metal products.....	.4	-	-	-	.2	.1	-
35	Machinery, except electrical.....	(D)	(D)	-	-	(D)	(D)	-
36	Electric and electronic equipment....	.7	.2	-	.1	.1	.2	-
37	Transportation equipment.....	(D)	(D)	-	-	(D)	(D)	(D)
	District of Columbia.....	.2	.1	-	-	.1	-	-
20	Food and kindred products.....	.1	.1	-	-	.1	-	-
	Virginia.....	222.3	51.9	25.0	8.0	133.2	1.8	2.4
20	Food and kindred products.....	2.5	.6	-	-	1.2	.2	.5
21	Tobacco products.....	(D)	(D)	-	(D)	(D)	(D)	-
22	Textile mill products.....	(D)	(D)	-	(D)	(D)	(D)	(D)
24	Lumber and wood products.....	(D)	(D)	-	-	-	-	-
25	Furniture and fixtures.....	(D)	(D)	(D)	-	-	-	-
26	Paper and allied products.....	37.2	18.9	(D)	-	(D)	.1	.3
28	Chemicals and allied products.....	119.2	20.0	10.4	3.5	83.9	.2	1.2

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Gross water used, including recircu- lated	Water intake	Water discharged						
				Total	Treated water, by last use					
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
Steam elec- tric power generation	Air conditioning	Other								
	South Atlantic Division--Con.									
	Virginia--Continued									
30	Rubber and miscellaneous plastics									
	products.....	49.8	20.7	19.1	5.9	(D)	-	-	(D)	-
32	Stone, clay, and glass products.....	3.0	1.3	.7	-	-	-	-	-	-
34	Fabricated metal products.....	.9	.2	(D)	-	-	-	-	-	-
35	Machinery, except electrical.....	1.5	.2	.2	-	-	-	-	-	-
36	Electric and electronic equipment.....	2.5	1.4	1.4	.7	(D)	-	-	(D)	-
37	Transportation equipment.....	13.3	11.7	11.6	.2	(D)	-	-	(D)	-
	West Virginia.....	749.3	533.7	511.8	175.8	52.7	(D)	(D)	81.4	2.0
20	Food and kindred products.....	.2	.2	.2	-	-	-	-	-	-
26	Paper and allied products.....	1.2	.1	.1	(D)	(D)	-	-	-	-
28	Chemicals and allied products.....	439.8	345.8	330.2	88.8	16.3	-	(D)	66.9	(D)
29	Petroleum and coal products.....	23.2	(D)	(D)	(D)	-	-	-	(D)	-
32	Stone, clay, and glass products.....	12.8	1.9	1.6	(D)	(D)	-	-	-	-
33	Primary metal industries.....	269.4	171.0	165.8	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	.7	.6	.6	-	-	-	-	-	-
	North Carolina.....	792.3	190.4	175.0	(D)	(D)	(D)	(D)	(D)	(D)
20	Food and kindred products.....	12.0	5.5	4.8	2.2	2.0	-	-	-	.1
21	Tobacco products.....	68.7	2.3	1.6	-	-	-	-	-	-
22	Textile mill products.....	135.1	46.3	41.8	16.0	13.4	(D)	(D)	(D)	.4
24	Lumber and wood products.....	1.0	.7	.4	.2	(D)	-	-	(D)	-
25	Furniture and fixtures.....	.9	.5	.6	(D)	(D)	-	-	-	-
26	Paper and allied products.....	307.8	91.5	89.9	55.8	45.6	(D)	(D)	3.8	.6
28	Chemicals and allied products.....	220.0	21.4	15.4	8.5	7.0	-	0.1	.4	.4
30	Rubber and miscellaneous plastics									
	products.....	10.0	5.9	5.8	(D)	(D)	-	-	-	(D)
32	Stone, clay, and glass products.....	4.4	1.6	1.3	.4	.2	-	-	-	(D)
33	Primary metal industries.....	4.1	1.3	.4	(D)	-	-	-	(D)	-
34	Fabricated metal products.....	.7	.4	.4	-	-	-	-	-	-
35	Machinery, except electrical.....	14.9	(D)	(D)	(D)	(D)	-	-	(D)	(D)
36	Electric and electronic equipment.....	5.9	3.0	2.8	.9	.8	-	-	-	-
38	Instruments and related products.....	6.5	1.2	1.0	.7	.1	-	-	.6	-
	South Carolina.....	611.7	146.4	134.9	81.3	65.7	(D)	(D)	8.1	1.3
20	Food and kindred products.....	3.8	2.3	2.1	1.2	1.0	-	-	-	.1
22	Textile mill products.....	101.0	42.3	37.4	25.2	22.1	(D)	(D)	.8	.5
24	Lumber and wood products.....	.5	.4	.3	-	-	-	-	-	-
26	Paper and allied products.....	281.3	55.7	52.5	(D)	(D)	(D)	-	(D)	(D)
28	Chemicals and allied products.....	145.5	33.6	32.0	5.4	2.7	-	(D)	1.9	.3
30	Rubber and miscellaneous plastics									
	products.....	12.4	2.8	2.7	.6	-	-	(D)	(D)	-
32	Stone, clay, and glass products.....	(D)	1.4	.7	(D)	(D)	-	-	-	-
33	Primary metal industries.....	10.5	2.6	2.3	(D)	-	-	-	-	-
34	Fabricated metal products.....	1.0	.4	.4	.3	.3	-	-	-	-
35	Machinery, except electrical.....	20.1	2.1	2.0	.4	(D)	-	-	-	(D)
36	Electric and electronic equipment.....	4.3	(D)	1.9	.7	.3	-	-	.2	.1
	Georgia.....	1,009.8	262.4	243.5	131.7	107.8	0.1	.5	19.2	1.7
20	Food and kindred products.....	18.2	9.2	8.4	3.0	2.2	.1	-	.2	.4
22	Textile mill products.....	62.0	26.9	23.4	8.6	7.4	-	.2	.3	.3
24	Lumber and wood products.....	.9	.3	.2	(D)	-	-	-	-	-
26	Paper and allied products.....	700.2	182.9	171.7	111.1	93.1	-	(D)	16.3	(D)
28	Chemicals and allied products.....	132.8	35.5	33.0	5.6	(D)	-	(D)	2.3	(D)
30	Rubber and miscellaneous plastics									
	products.....	2.7	.9	.9	(D)	-	-	-	-	-
32	Stone, clay, and glass products.....	25.7	1.4	1.0	.3	.3	-	-	-	-
33	Primary metal industries.....	16.2	1.8	1.7	.8	.8	-	-	-	-
34	Fabricated metal products.....	.3	.2	.2	(D)	(D)	-	-	-	-
36	Electric and electronic equipment.....	1.1	.5	.5	.3	.2	-	-	-	-
37	Transportation equipment.....	(D)	2.3	2.2	1.5	.8	-	-	-	.5
39	Miscellaneous manufacturing industries	.9	.2	.2	-	-	-	-	-	-
	Florida.....	1,252.7	290.9	265.2	128.1	81.9	5.6	2.6	32.1	1.3
20	Food and kindred products.....	133.9	52.9	51.5	28.1	10.4	(D)	(D)	15.8	.6
26	Paper and allied products.....	488.8	130.7	124.3	65.5	62.9	(D)	(D)	(D)	(D)
28	Chemicals and allied products.....	588.5	92.0	77.0	32.6	7.2	5.0	2.1	15.5	.2
30	Rubber and miscellaneous plastics									
	products.....	2.8	2.3	2.3	-	-	-	-	-	-
32	Stone, clay, and glass products.....	12.3	7.9	5.5	.8	(D)	-	-	(D)	-
33	Primary metal industries.....	5.7	.8	.7	(D)	(D)	-	-	-	-
34	Fabricated metal products.....	1.1	.7	.7	.3	.3	-	-	-	-
36	Electric and electronic equipment.....	14.5	1.4	1.3	.4	.3	-	-	-	-
37	Transportation equipment.....	1.9	1.8	1.4	(D)	(D)	-	-	-	(D)

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Water discharged—Continued						
		Untreated water, by last use						
		Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
				Steam electric power generation	Air conditioning	Other		
	South Atlantic Division--Con.							
	Virginia--Continued							
30	Rubber and miscellaneous plastics products.....	13.1	(D)	(D)	(D)	3.0	(D)	-
32	Stone, clay, and glass products.....	.7	0.2	-	-	.5	-	-
34	Fabricated metal products.....	(D)	-	-	-	(D)	-	-
35	Machinery, except electrical.....	.2	-	-	-	.1	0.1	-
36	Electric and electronic equipment.....	.7	.1	-	-	.4	.2	-
37	Transportation equipment.....	11.4	5.4	-	(D)	(D)	(D)	(D)
	West Virginia.....	336.0	15.0	102.4	0.3	211.2	.4	6.7
20	Food and kindred products.....	.1	-	-	-	.1	-	-
26	Paper and allied products.....	-	-	-	-	-	-	-
28	Chemicals and allied products.....	241.4	(D)	(D)	(D)	185.7	-	1.0
29	Petroleum and coal products.....	(D)	-	-	-	(D)	-	-
32	Stone, clay, and glass products.....	(D)	(D)	-	-	(D)	(D)	(D)
33	Primary metal industries.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	.6	.2	-	-	.2	-	.1
	North Carolina.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20	Food and kindred products.....	2.6	1.9	-	-	.3	.2	.2
21	Tobacco products.....	1.6	(D)	-	-	(D)	(D)	(D)
22	Textile mill products.....	25.8	18.9	-	1.0	2.0	1.6	2.2
24	Lumber and wood products.....	.2	-	-	-	.1	-	-
25	Furniture and fixtures.....	(D)	(D)	-	-	(D)	(D)	(D)
26	Paper and allied products.....	34.1	17.6	(D)	(D)	7.0	-	2.7
28	Chemicals and allied products.....	6.9	(D)	(D)	.5	3.2	.2	.5
30	Rubber and miscellaneous plastics products.....	(D)	(D)	-	(D)	(D)	(D)	(D)
32	Stone, clay, and glass products.....	.9	(D)	-	-	.5	-	(D)
33	Primary metal industries.....	(D)	(D)	-	-	(D)	-	-
34	Fabricated metal products.....	.3	.2	-	-	.1	-	-
35	Machinery, except electrical.....	(D)	(D)	-	(D)	(D)	(D)	-
36	Electric and electronic equipment.....	1.9	.4	-	.3	.8	.2	.1
38	Instruments and related products.....	.2	.1	-	-	-	.1	-
	South Carolina.....	53.6	10.8	4.5	7.9	26.0	1.6	2.8
20	Food and kindred products.....	.9	.1	-	-	.1	.3	.4
22	Textile mill products.....	12.1	7.9	.1	1.3	.6	1.0	1.1
24	Lumber and wood products.....	.3	(D)	-	-	(D)	-	-
26	Paper and allied products.....	(D)	-	(D)	(D)	(D)	-	(D)
28	Chemicals and allied products.....	26.6	.2	(D)	5.4	19.0	.1	(D)
30	Rubber and miscellaneous plastics products.....	2.1	-	-	(D)	1.4	(D)	-
32	Stone, clay, and glass products.....	(D)	-	-	-	(D)	-	-
33	Primary metal industries.....	(D)	(D)	-	-	(D)	-	-
34	Fabricated metal products.....	.1	-	-	-	-	-	-
35	Machinery, except electrical.....	1.6	.3	-	-	(D)	(D)	-
36	Electric and electronic equipment.....	1.3	(D)	-	(D)	.6	-	-
	Georgia.....	110.7	19.8	24.1	1.9	58.6	2.2	4.6
20	Food and kindred products.....	5.1	1.8	.2	.6	1.7	.3	.5
22	Textile mill products.....	14.8	8.6	(D)	.8	3.3	1.0	(D)
24	Lumber and wood products.....	(D)	-	-	-	(D)	-	-
26	Paper and allied products.....	60.5	8.4	23.6	.1	25.8	.3	2.2
28	Chemicals and allied products.....	27.4	.4	-	.2	25.9	-	.8
30	Rubber and miscellaneous plastics products.....	(D)	(D)	-	-	(D)	-	(D)
32	Stone, clay, and glass products.....	.6	.1	(D)	-	.3	(D)	-
33	Primary metal industries.....	.8	(D)	-	-	.7	(D)	-
34	Fabricated metal products.....	(D)	(D)	-	-	-	-	-
36	Electric and electronic equipment.....	.2	-	-	-	-	.1	-
37	Transportation equipment.....	.8	(D)	-	.1	(D)	.3	-
39	Miscellaneous manufacturing industries	.2	.1	-	-	-	.1	-
	Florida.....	137.1	23.7	33.6	1.9	74.9	1.2	1.7
20	Food and kindred products.....	23.4	3.6	(D)	-	18.6	(D)	.6
26	Paper and allied products.....	58.8	17.4	30.6	-	10.3	.1	.4
28	Chemicals and allied products.....	44.4	.8	(D)	-	43.0	-	(D)
30	Rubber and miscellaneous plastics products.....	2.3	.1	-	(D)	.8	-	(D)
32	Stone, clay, and glass products.....	4.7	(D)	2.8	-	(D)	-	-
33	Primary metal industries.....	(D)	(D)	-	-	(D)	-	-
34	Fabricated metal products.....	.4	-	-	-	.4	-	-
36	Electric and electronic equipment.....	.9	.1	-	.2	.5	.2	-
37	Transportation equipment.....	(D)	(D)	-	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Gross water used, including recircu- lated	Water intake	Water discharged								
				Total	Treated water, by last use						Sanitary service	Boiler feed and other uses
					Total	Process	Cooling and condensing					
Steam elec- tric power generation	Air conditioning	Other										
	East South Central Division.....	3,391.5	1,077.2	1,001.2	372.4	253.6	9.9	3.8	87.1	6.6	11.3	
	Kentucky.....	703.8	126.3	108.3	30.7	16.2	(D)	.5	8.3	(D)	3.2	
20	Food and kindred products.....	15.2	8.1	7.3	2.0	.6	-	-	.9	.3	.2	
21	Tobacco products.....	10.3	.8	.6	-	-	-	-	-	-	-	
22	Textile mill products.....	.2	.2	.1	-	-	-	-	-	-	-	
24	Lumber and wood products.....	.1	.1	.1	-	-	-	-	-	-	-	
26	Paper and allied products.....	41.2	12.5	11.8	11.7	8.4	(D)	.3	1.7	-	(D)	
28	Chemicals and allied products.....	279.0	61.2	54.6	8.7	3.1	-	.2	3.1	.9	1.4	
30	Rubber and miscellaneous plastics products.....	76.2	(D)	(D)	-	-	-	-	-	-	-	
32	Stone, clay, and glass products.....	8.7	4.6	4.5	(D)	(D)	-	-	(D)	-	-	
33	Primary metal industries.....	156.5	20.7	14.5	2.3	1.0	-	-	(D)	(D)	-	
34	Fabricated metal products.....	8.5	5.5	4.9	.8	(D)	-	-	-	-	(D)	
35	Machinery, except electrical.....	13.7	2.1	2.0	.8	.6	-	-	(D)	-	(D)	
36	Electric and electronic equipment.....	13.0	3.8	3.4	1.9	(D)	-	-	-	-	(D)	
37	Transportation equipment.....	(D)	(D)	.8	.3	(D)	-	-	-	(D)	-	
	Tennessee.....	1,021.8	427.3	406.7	116.4	69.7	5.2	1.8	34.5	1.5	3.7	
20	Food and kindred products.....	23.2	9.0	7.9	2.3	.9	-	-	1.1	.2	.1	
22	Textile mill products.....	14.4	4.9	4.7	2.5	(D)	-	-	(D)	-	-	
26	Paper and allied products.....	217.4	49.2	47.5	29.6	24.3	(D)	(D)	(D)	-	1.2	
28	Chemicals and allied products.....	628.7	303.1	287.7	42.9	28.3	-	(D)	10.3	(D)	2.1	
30	Rubber and miscellaneous plastics products.....	11.1	4.1	4.0	.3	.3	-	-	-	-	-	
31	Leather and leather products.....	.4	.4	.4	(D)	(D)	-	-	-	-	-	
32	Stone, clay, and glass products.....	32.6	11.9	11.6	1.4	1.1	-	.1	.1	-	-	
33	Primary metal industries.....	74.8	37.8	36.4	34.4	10.9	(D)	-	(D)	.1	.1	
34	Fabricated metal products.....	2.1	1.2	1.2	.5	(D)	-	-	(D)	-	-	
35	Machinery, except electrical.....	1.9	1.4	1.4	.3	.2	-	-	-	-	-	
36	Electric and electronic equipment.....	3.0	1.4	1.4	.7	.4	-	-	.1	.1	-	
37	Transportation equipment.....	2.5	2.3	2.2	1.0	.3	-	(D)	.5	(D)	.1	
	Alabama.....	1,190.0	396.3	370.6	175.8	128.8	(D)	(D)	36.4	2.6	3.0	
20	Food and kindred products.....	6.8	6.0	5.7	2.3	1.7	-	-	.3	.2	-	
22	Textile mill products.....	46.2	7.8	6.6	2.8	2.2	-	(D)	(D)	(D)	(D)	
24	Lumber and wood products.....	6.7	(D)	(D)	(D)	-	-	-	-	-	-	
26	Paper and allied products.....	555.6	184.6	175.3	129.0	114.2	(D)	(D)	6.9	1.8	1.4	
28	Chemicals and allied products.....	182.3	109.3	107.4	9.1	5.2	-	-	2.6	.3	.9	
29	Petroleum and coal products.....	6.1	1.1	1.0	.5	(D)	-	-	(D)	-	.1	
30	Rubber and miscellaneous plastics products.....	13.1	8.6	7.6	(D)	-	-	-	(D)	-	(D)	
32	Stone, clay, and glass products.....	4.0	2.6	2.1	.3	(D)	-	-	(D)	-	-	
33	Primary metal industries.....	357.1	65.5	55.0	31.0	4.8	-	-	25.7	(D)	(D)	
34	Fabricated metal products.....	2.4	1.7	1.7	.1	.1	-	-	-	-	-	
35	Machinery, except electrical.....	(D)	.2	(D)	-	-	-	-	-	-	-	
36	Electric and electronic equipment.....	6.9	1.0	.8	.2	.2	-	-	-	-	-	
37	Transportation equipment.....	2.1	(D)	(D)	(D)	(D)	-	-	-	-	-	
	Mississippi.....	475.8	127.2	115.6	49.4	38.9	-	(D)	8.0	(D)	1.4	
20	Food and kindred products.....	7.6	5.9	4.8	1.8	1.3	-	(D)	(D)	.2	.1	
22	Textile mill products.....	1.6	1.5	1.4	-	-	-	-	-	-	-	
24	Lumber and wood products.....	8.0	4.4	2.7	(D)	(D)	-	-	-	-	-	
25	Furniture and fixtures.....	.6	.4	.3	(D)	-	-	-	(D)	-	-	
26	Paper and allied products.....	165.7	49.5	48.4	32.2	(D)	-	-	-	(D)	-	
28	Chemicals and allied products.....	169.1	46.6	42.1	8.6	2.3	-	(D)	5.6	(D)	.2	
30	Rubber and miscellaneous plastics products.....	3.1	1.1	1.0	-	-	-	-	-	-	-	
32	Stone, clay, and glass products.....	9.0	8.1	7.6	.5	.3	-	-	-	(D)	(D)	
33	Primary metal industries.....	1.3	.4	.3	(D)	(D)	-	-	(D)	(D)	-	
34	Fabricated metal products.....	.7	.7	.7	(D)	(D)	-	-	-	-	-	
35	Machinery, except electrical.....	.2	.2	.2	-	-	-	-	-	-	-	
36	Electric and electronic equipment.....	.9	.8	.8	.1	.1	-	-	-	-	-	
	West South Central Division.....	12,336.6	3,128.6	2,945.9	1,671.6	337.6	414.7	13.2	838.7	11.3	56.1	
	Arkansas.....	232.5	81.9	73.5	55.1	49.0	(D)	(D)	3.2	.6	1.7	
20	Food and kindred products.....	15.6	9.0	8.0	2.8	1.8	-	-	.6	(D)	(D)	
22	Textile mill products.....	2.1	1.6	1.5	(D)	(D)	-	-	-	-	-	
24	Lumber and wood products.....	6.3	5.7	2.4	(D)	(D)	-	-	-	-	-	
25	Furniture and fixtures.....	.3	.3	.3	(D)	(D)	-	-	-	-	-	
26	Paper and allied products.....	159.8	48.2	46.7	(D)	(D)	-	(D)	(D)	(D)	(D)	
28	Chemicals and allied products.....	23.8	10.8	9.2	(D)	(D)	(D)	(D)	(D)	-	(D)	
29	Petroleum and coal products.....	7.0	.3	.2	(D)	(D)	-	-	-	-	-	
30	Rubber and miscellaneous plastics products.....	4.8	1.0	.8	.2	-	-	-	.1	-	-	
32	Stone, clay, and glass products.....	2.2	.4	.2	.2	.2	-	-	-	-	-	
33	Primary metal industries.....	7.0	2.4	1.9	(D)	(D)	-	-	(D)	-	(D)	
34	Fabricated metal products.....	1.1	1.0	1.0	.3	.2	-	-	-	-	-	
36	Electric and electronic equipment.....	1.3	.7	.7	.1	.1	-	-	-	-	-	

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Water discharged—Continued						
		Untreated water, by last use						
		Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
Steam elec- tric power generation	Air conditioning			Other				
	East South Central Division.....	628.8	66.3	87.2	33.2	418.5	8.3	14.4
	Kentucky.....	77.5	20.8	(D)	(D)	48.5	1.8	2.5
20	Food and kindred products.....	5.3	.7	-	.5	3.6	.2	.3
21	Tobacco products.....	.6	.2	-	.1	-	.2	.1
22	Textile mill products.....	.1	.1	-	-	-	-	-
24	Lumber and wood products.....	.1	-	-	-	-	-	.1
26	Paper and allied products.....	.2	-	-	-	.1	-	-
28	Chemicals and allied products.....	45.9	8.5	-	.7	35.9	.1	.8
30	Rubber and miscellaneous plastics products.....	(D)	(D)	-	(D)	-	(D)	(D)
32	Stone, clay, and glass products.....	(D)	(D)	(D)	-	(D)	-	(D)
33	Primary metal industries.....	12.2	(D)	-	(D)	(D)	(D)	.1
34	Fabricated metal products.....	4.1	1.3	-	-	2.5	.2	.1
35	Machinery, except electrical.....	1.2	.2	-	(D)	.5	.3	(D)
36	Electric and electronic equipment.....	1.6	(D)	-	(D)	.7	.5	-
37	Transportation equipment.....	.5	(D)	-	-	(D)	.1	-
	Tennessee.....	290.3	15.2	32.0	12.8	221.6	2.9	5.6
20	Food and kindred products.....	5.6	1.5	(D)	(D)	2.7	.6	.5
22	Textile mill products.....	2.2	1.3	(D)	.3	(D)	(D)	(D)
26	Paper and allied products.....	17.9	3.7	(D)	-	(D)	.2	.1
28	Chemicals and allied products.....	244.7	4.5	(D)	11.5	204.9	.9	(D)
30	Rubber and miscellaneous plastics products.....	3.7	.7	-	.2	2.5	.1	.3
31	Leather and leather products.....	(D)	(D)	-	-	-	-	-
32	Stone, clay, and glass products.....	10.2	1.7	(D)	(D)	6.2	.2	.3
33	Primary metal industries.....	2.0	.2	-	.1	1.5	.2	.1
34	Fabricated metal products.....	.7	.3	-	-	.3	.1	-
35	Machinery, except electrical.....	1.0	.4	-	-	.3	(D)	(D)
36	Electric and electronic equipment.....	.7	.3	-	-	.2	.1	-
37	Transportation equipment.....	1.1	.4	-	-	.6	.1	-
	Alabama.....	194.8	21.6	43.2	(D)	104.1	(D)	5.2
20	Food and kindred products.....	3.4	2.0	-	-	.7	.5	.3
22	Textile mill products.....	3.8	2.1	-	1.1	.1	.3	.1
24	Lumber and wood products.....	(D)	-	(D)	-	-	-	(D)
26	Paper and allied products.....	46.2	(D)	34.0	(D)	6.3	(D)	.8
28	Chemicals and allied products.....	98.3	3.6	(D)	(D)	72.7	.2	2.7
29	Petroleum and coal products.....	.5	-	(D)	-	(D)	-	-
30	Rubber and miscellaneous plastics products.....	(D)	(D)	-	(D)	(D)	(D)	(D)
32	Stone, clay, and glass products.....	1.8	.3	-	-	1.1	-	.3
33	Primary metal industries.....	24.0	6.8	.1	-	15.7	1.1	.4
34	Fabricated metal products.....	1.5	.7	-	-	.7	.2	-
35	Machinery, except electrical.....	(D)	(D)	-	-	.1	-	-
36	Electric and electronic equipment.....	.6	.2	-	.1	.2	.1	.1
37	Transportation equipment.....	(D)	(D)	-	(D)	-	(D)	(D)
	Mississippi.....	65.4	8.7	(D)	.8	44.2	(D)	1.0
20	Food and kindred products.....	3.0	1.2	-	-	1.4	.2	.2
22	Textile mill products.....	1.4	(D)	-	.5	(D)	-	.3
24	Lumber and wood products.....	(D)	-	-	-	(D)	(D)	(D)
25	Furniture and fixtures.....	(D)	-	-	-	-	-	(D)
26	Paper and allied products.....	16.2	(D)	(D)	-	(D)	-	-
28	Chemicals and allied products.....	33.6	.3	-	(D)	33.1	-	(D)
30	Rubber and miscellaneous plastics products.....	1.0	.5	-	-	.5	-	-
32	Stone, clay, and glass products.....	7.1	5.8	(D)	-	.7	-	(D)
33	Primary metal industries.....	(D)	-	-	-	-	-	-
34	Fabricated metal products.....	(D)	(D)	-	-	-	-	-
35	Machinery, except electrical.....	.2	-	-	-	.1	-	-
36	Electric and electronic equipment.....	.6	.3	-	-	.2	-	-
	West South Central Division.....	1,273.9	78.4	266.6	14.9	871.7	5.8	36.1
	Arkansas.....	18.0	8.1	(D)	(D)	6.3	1.1	1.1
20	Food and kindred products.....	4.8	2.5	-	-	1.3	.5	.4
22	Textile mill products.....	(D)	(D)	-	-	-	(D)	(D)
24	Lumber and wood products.....	(D)	(D)	(D)	-	(D)	(D)	(D)
25	Furniture and fixtures.....	(D)	-	-	-	(D)	-	-
26	Paper and allied products.....	(D)	(D)	-	-	-	(D)	(D)
28	Chemicals and allied products.....	(D)	(D)	-	-	(D)	-	(D)
29	Petroleum and coal products.....	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	.6	.1	-	-	.4	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-
33	Primary metal industries.....	(D)	(D)	-	-	(D)	-	-
34	Fabricated metal products.....	.7	.3	-	-	.3	-	-
36	Electric and electronic equipment.....	.6	.1	-	(D)	.2	(D)	-

See footnotes at end of table.

TABLE 6B: Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated water, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
	West South Central Division--Con.										
	Louisiana.....	3,381.1	1,349.8	1,299.3	466.0	102.2	(D)	4.4	240.2	4.3	(D)
20	Food and kindred products.....	63.2	45.1	42.1	25.8	(D)	-	(D)	22.6	(D)	(D)
24	Lumber and wood products.....	2.2	1.5	1.3	(D)	-	-	-	(D)	-	-
26	Paper and allied products.....	263.5	95.8	91.0	78.7	70.1	4.9	(D)	.7	(D)	1.7
28	Chemicals and allied products.....	1,678.4	829.6	798.9	240.6	(D)	(D)	3.3	114.0	1.9	3.7
29	Petroleum and coal products.....	1,223.4	246.8	236.0	119.1	9.4	-	.2	101.9	1.6	6.1
32	Stone, clay, and glass products.....	1.8	1.7	1.4	.3	(D)	-	-	(D)	-	-
34	Fabricated metal products.....	.7	.7	.5	(D)	-	-	-	-	(D)	-
	Oklahoma.....	270.7	27.2	18.8	8.3	2.9	(D)	.1	2.9	.3	(D)
20	Food and kindred products.....	2.6	2.0	1.8	1.0	.7	-	-	.1	.2	-
26	Paper and allied products.....	(D)	9.2	(D)	(D)	(D)	-	-	(D)	-	-
28	Chemicals and allied products.....	17.0	1.0	.4	.2	.1	-	-	-	-	-
29	Petroleum and coal products.....	184.3	9.6	4.5	4.5	(D)	(D)	-	2.0	-	(D)
30	Rubber and miscellaneous plastics products.....	19.9	1.9	1.6	(D)	-	-	-	(D)	-	-
32	Stone, clay, and glass products.....	4.2	1.0	.7	(D)	-	-	-	(D)	-	-
33	Primary metal industries.....	10.8	.5	.3	(D)	(D)	-	-	-	-	-
34	Fabricated metal products.....	.3	.2	.1	-	-	-	-	-	-	-
35	Machinery, except electrical.....	1.3	.2	.1	.1	.1	-	-	-	-	-
37	Transportation equipment.....	.5	.5	.3	(D)	(D)	-	-	-	-	-
	Texas.....	8,452.2	1,669.8	1,554.4	1,142.3	183.5	(D)	(D)	592.3	6.2	39.9
20	Food and kindred products.....	51.9	21.8	19.3	5.7	4.6	-	-	.6	.1	.3
24	Lumber and wood products.....	9.6	3.0	2.4	.4	(D)	-	-	-	-	(D)
26	Paper and allied products.....	430.9	59.7	55.6	54.5	51.4	(D)	(D)	.2	.2	1.2
28	Chemicals and allied products.....	3,270.4	930.1	879.3	693.7	(D)	(D)	(D)	399.3	3.1	10.3
29	Petroleum and coal products.....	3,120.4	272.6	225.6	73.7	8.1	.5	.2	38.5	1.2	25.2
30	Rubber and miscellaneous plastics products.....	20.7	1.9	1.2	.3	.2	-	-	.1	-	.1
32	Stone, clay, and glass products.....	22.8	7.1	4.7	1.2	.4	-	-	(D)	-	(D)
33	Primary metal industries.....	718.2	350.9	345.7	309.4	(D)	(D)	(D)	153.2	.8	1.7
34	Fabricated metal products.....	6.4	2.1	1.3	.7	.3	-	-	-	(D)	(D)
35	Machinery, except electrical.....	14.9	2.4	1.8	(D)	(D)	-	-	-	-	-
36	Electric and electronic equipment.....	(D)	2.8	2.4	1.8	1.5	-	-	(D)	-	(D)
37	Transportation equipment.....	(D)	14.6	14.3	.3	.2	-	-	-	(D)	(D)
38	Instruments and related products.....	1.0	.4	.3	(D)	(D)	-	-	-	(D)	-
	Mountain Division.....	1,059.3	208.2	171.1	83.8	42.6	(D)	(D)	35.3	1.5	3.6
	Montana.....	89.7	47.9	39.2	14.2	8.2	-	-	5.0	.1	.9
20	Food and kindred products.....	5.8	3.0	3.0	(D)	(D)	-	-	(D)	-	(D)
28	Chemicals and allied products.....	6.0	2.5	(D)	-	-	-	-	-	-	-
29	Petroleum and coal products.....	35.8	(D)	(D)	(D)	(D)	-	-	(D)	-	(D)
32	Stone, clay, and glass products.....	1.5	(D)	(D)	-	-	-	-	-	-	-
	Idaho.....	122.7	40.9	38.6	17.6	13.3	-	(D)	2.7	(D)	1.0
20	Food and kindred products.....	33.9	15.2	14.9	7.8	(D)	-	-	1.2	(D)	.2
28	Chemicals and allied products.....	32.2	6.2	4.2	(D)	(D)	-	-	(D)	-	(D)
	Wyoming.....	39.4	5.9	4.8	(D)	-	-	-	(D)	-	(D)
29	Petroleum and coal products.....	34.8	3.7	2.8	(D)	-	-	-	(D)	-	(D)
	Colorado.....	158.4	52.1	43.0	32.7	7.3	-	-	24.4	.5	.4
20	Food and kindred products.....	19.9	12.3	12.3	5.0	(D)	-	-	(D)	.2	.1
28	Chemicals and allied products.....	12.1	(D)	.5	-	-	-	-	-	-	-
29	Petroleum and coal products.....	21.9	1.0	.6	(D)	(D)	-	-	(D)	-	(D)
32	Stone, clay, and glass products.....	1.6	1.5	1.2	.4	.3	-	-	.1	-	-
34	Fabricated metal products.....	.3	.2	.2	(D)	-	-	-	-	(D)	-
35	Machinery, except electrical.....	.6	.4	.4	-	-	-	-	-	-	-
	New Mexico.....	10.0	3.6	2.9	(D)	(D)	-	-	(D)	-	(D)
20	Food and kindred products.....	1.5	1.0	1.0	(D)	(D)	-	-	-	-	(D)
29	Petroleum and coal products.....	4.8	.2	(D)	(D)	-	-	-	(D)	-	-
	Arizona.....	147.5	19.0	10.5	3.6	1.6	(D)	(D)	1.0	(D)	.1
20	Food and kindred products.....	5.6	2.2	2.1	1.1	.3	-	(D)	(D)	-	.1
32	Stone, clay, and glass products.....	.9	.7	.5	(D)	(D)	-	-	-	-	-
33	Primary metal industries.....	81.2	9.2	2.7	.6	.1	(D)	-	(D)	(D)	-
35	Machinery, except electrical.....	3.5	.4	.3	.1	.1	-	-	-	-	-
36	Electric, electronic equipment.....	(D)	2.0	1.9	(D)	(D)	-	(D)	(D)	-	-
	Utah.....	476.6	32.5	27.0	12.5	10.9	(D)	-	.9	-	(D)
20	Food and kindred products.....	3.7	2.4	2.3	(D)	(D)	-	-	(D)	-	-
28	Chemicals and allied products.....	9.5	7.8	5.6	(D)	(D)	-	-	-	-	-
29	Petroleum and coal products.....	310.7	3.1	1.6	1.6	.2	(D)	-	(D)	-	(D)
32	Stone, clay, and glass products.....	.3	.3	.2	(D)	(D)	-	-	-	-	-
33	Primary metal industries.....	151.2	18.3	16.6	(D)	(D)	-	-	-	-	-
35	Machinery, except electrical.....	.2	.1	.1	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Water discharged—Continued						
		Untreated water, by last use						
		Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
Steam elec- tric power generation	Air conditioning			Other				
	West South Central Division--Con.							
	Louisiana.....	833.3	39.5	204.9	(D)	565.3	(D)	21.4
20	Food and kindred products.....	16.3	2.5	-	0.3	12.7	0.3	.5
24	Lumber and wood products.....	(D)	(D)	-	-	(D)	-	(D)
26	Paper and allied products.....	12.3	11.5	-	(D)	.3	(D)	.3
28	Chemicals and allied products.....	558.3	24.2	68.9	.5	459.7	.2	4.8
29	Petroleum and coal products.....	116.9	(D)	(D)	(D)	82.3	-	(D)
32	Stone, clay, and glass products.....	1.2	.3	-	-	.8	-	-
34	Fabricated metal products.....	(D)	-	-	-	(D)	-	(D)
	Oklahoma.....	10.5	8.0	-	(D)	1.5	(D)	.3
20	Food and kindred products.....	.8	(D)	-	-	-	-	(D)
26	Paper and allied products.....	(D)	(D)	-	-	-	(D)	-
28	Chemicals and allied products.....	.2	(D)	-	-	(D)	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	(D)	(D)	-	(D)	(D)	(D)	(D)
32	Stone, clay, and glass products.....	(D)	-	-	-	(D)	-	-
33	Primary metal industries.....	(D)	-	-	-	-	-	-
34	Fabricated metal products.....	.1	.1	-	-	-	-	-
35	Machinery, except electrical.....	.1	-	-	-	-	-	-
37	Transportation equipment.....	(D)	-	-	-	-	(D)	-
	Texas.....	412.1	22.9	(D)	(D)	298.6	3.2	13.3
20	Food and kindred products.....	13.7	4.1	.2	(D)	(D)	.6	.5
24	Lumber and wood products.....	2.0	(D)	-	-	.1	-	(D)
26	Paper and allied products.....	1.0	(D)	-	-	(D)	-	-
28	Chemicals and allied products.....	185.6	10.9	(D)	.5	161.3	(D)	5.5
29	Petroleum and coal products.....	151.9	2.0	(D)	-	(D)	.3	3.2
30	Rubber and miscellaneous plastics products.....	.9	.2	-	-	(D)	(D)	.1
32	Stone, clay, and glass products.....	3.5	2.4	.3	-	.7	.1	.1
33	Primary metal industries.....	36.3	1.5	29.3	.3	(D)	(D)	1.4
34	Fabricated metal products.....	.6	.2	-	-	.1	.2	.1
35	Machinery, except electrical.....	(D)	(D)	-	(D)	(D)	(D)	(D)
36	Electric and electronic equipment.....	.6	.1	-	-	-	.4	-
37	Transportation equipment.....	13.9	.6	-	(D)	(D)	(D)	(D)
38	Instruments and related products.....	(D)	-	-	-	-	-	-
	Mountain Division.....	87.3	33.6	2.5	.6	44.0	3.2	3.3
	Montana.....	25.0	(D)	-	-	19.1	.1	(D)
20	Food and kindred products.....	(D)	-	-	-	(D)	-	-
28	Chemicals and allied products.....	(D)	-	-	-	(D)	-	-
29	Petroleum and coal products.....	(D)	-	-	-	(D)	-	(D)
32	Stone, clay, and glass products.....	(D)	-	-	-	(D)	-	-
	Idaho.....	21.0	13.7	(D)	-	5.1	.3	(D)
20	Food and kindred products.....	7.1	2.8	-	-	3.8	.2	.2
28	Chemicals and allied products.....	(D)	(D)	-	-	(D)	-	-
	Wyoming.....	(D)	(D)	-	-	(D)	(D)	(D)
29	Petroleum and coal products.....	(D)	(D)	-	-	(D)	(D)	-
	Colorado.....	10.3	1.8	(D)	(D)	5.6	1.5	1.1
20	Food and kindred products.....	7.3	.8	(D)	-	5.0	1.0	(D)
28	Chemicals and allied products.....	.5	(D)	-	-	.2	(D)	(D)
29	Petroleum and coal products.....	(D)	-	-	-	(D)	-	(D)
32	Stone, clay, and glass products.....	.9	.5	-	-	.2	-	.1
34	Fabricated metal products.....	(D)	-	-	-	-	-	-
35	Machinery, except electrical.....	.3	.1	-	-	-	.1	.1
	New Mexico.....	(D)	(D)	-	-	(D)	(D)	-
20	Food and kindred products.....	(D)	(D)	-	-	(D)	(D)	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-
	Arizona.....	6.9	4.1	(D)	(D)	1.8	.5	.1
20	Food and kindred products.....	1.0	(D)	-	-	(D)	(D)	-
32	Stone, clay, and glass products.....	(D)	(D)	-	-	(D)	-	-
33	Primary metal industries.....	2.0	1.1	-	-	.7	.1	-
35	Machinery, except electrical.....	.2	-	-	-	(D)	(D)	-
36	Electric and electronic equipment.....	(D)	-	-	(D)	(D)	(D)	-
	Utah.....	14.5	6.8	(D)	-	6.2	(D)	.5
20	Food and kindred products.....	(D)	(D)	-	-	(D)	-	(D)
28	Chemicals and allied products.....	(D)	(D)	-	-	(D)	-	(D)
29	Petroleum and coal products.....	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	(D)	-	-	-	(D)	-	-
33	Primary metal industries.....	(D)	(D)	(D)	-	(D)	-	(D)
35	Machinery, except electrical.....	.1	(D)	-	-	-	(D)	-

See footnotes at end of table.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated water, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
	Mountain Division--Continued										
	Nevada.....	15.1	6.2	5.1	0.3	(D)	-	-	-	(D)	-
28	Chemicals and allied products.....	10.8	3.2	2.5	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	.9	.6	(D)	-	-	-	-	-	-	-
	Pacific Division.....	3,732.7	1,037.4	947.3	457.9	279.3	24.4	1.7	132.3	3.1	17.1
	Washington.....	1,141.2	362.2	328.1	164.4	139.8	-	.5	16.4	1.0	6.7
20	Food and kindred products.....	34.5	16.7	15.8	5.7	(D)	-	(D)	.5	(D)	(D)
24	Lumber and wood products.....	56.5	50.2	31.2	(D)	(D)	-	-	(D)	-	(D)
26	Paper and allied products.....	803.4	222.8	211.9	123.1	111.6	-	(D)	10.0	(D)	1.2
28	Chemicals and allied products.....	34.9	27.6	27.2	.1	-	-	-	-	-	-
29	Petroleum and coal products.....	91.0	3.7	2.1	(D)	(D)	-	-	(D)	(D)	(D)
32	Stone, clay, and glass products.....	4.3	2.9	2.7	(D)	-	-	-	(D)	-	-
33	Primary metal industries.....	109.6	34.5	33.6	15.6	6.8	-	-	4.4	(D)	(D)
34	Fabricated metal products.....	.2	.2	.2	-	-	-	-	-	-	-
37	Transportation equipment.....	6.1	3.3	3.2	(D)	(D)	-	-	(D)	-	-
	Oregon.....	549.6	157.1	150.0	96.4	77.1	(D)	(D)	16.3	(D)	(D)
20	Food and kindred products.....	13.5	9.3	8.5	3.3	2.9	-	-	.1	-	.2
24	Lumber and wood products.....	74.6	31.4	29.0	6.1	2.3	(D)	-	2.3	(D)	.2
26	Paper and allied products.....	408.8	90.1	88.0	(D)	(D)	-	-	(D)	(D)	(D)
29	Petroleum and coal products.....	.4	.2	.2	(D)	-	-	-	-	-	(D)
32	Stone, clay, and glass products.....	1.1	1.1	1.0	(D)	(D)	-	-	(D)	-	-
33	Primary metal industries.....	24.5	11.4	10.5	(D)	(D)	-	(D)	(D)	(D)	-
34	Fabricated metal products.....	.4	.4	.4	-	-	-	-	-	-	-
	California.....	1,652.5	429.9	387.1	150.6	43.7	2.0	1.0	95.6	1.3	6.9
20	Food and kindred products.....	223.6	136.9	131.7	19.8	12.6	-	-	5.8	.7	.7
22	Textile mill products.....	1.7	1.3	1.1	.3	.3	-	-	-	-	-
24	Lumber and wood products.....	67.4	34.6	32.0	5.5	.9	(D)	-	3.4	(D)	.3
26	Paper and allied products.....	291.0	48.2	46.3	13.1	12.4	-	-	.4	.1	.2
28	Chemicals and allied products.....	182.1	39.2	28.1	22.6	3.3	(D)	(D)	16.5	(D)	1.0
29	Petroleum and coal products.....	655.7	112.8	97.9	70.4	(D)	-	-	(D)	(D)	(D)
30	Rubber and miscellaneous plastics products.....	12.0	2.3	1.9	.2	-	-	-	.1	-	.1
31	Leather and leather products.....	.2	.2	.1	.1	.1	-	-	-	-	-
32	Stone, clay, and glass products.....	37.5	18.6	15.5	(D)	(D)	-	-	(D)	-	(D)
33	Primary metal industries.....	43.8	11.0	9.8	(D)	(D)	-	(D)	(D)	-	(D)
34	Fabricated metal products.....	14.6	5.2	5.0	2.6	2.3	-	-	(D)	-	(D)
35	Machinery, except electrical.....	9.6	2.8	2.7	.6	.6	-	-	-	-	-
36	Electric and electronic equipment.....	29.2	4.4	4.0	2.3	1.9	-	-	.3	-	-
37	Transportation equipment.....	82.7	11.7	10.0	2.0	1.2	-	(D)	(D)	(D)	.3
38	Instruments and related products.....	1.3	.6	.6	.1	.1	-	-	-	-	-
39	Miscellaneous manufacturing industries	.1	.1	.1	-	-	-	-	-	-	-
	Alaska.....	283.2	32.1	31.8	(D)	(D)	(D)	-	(D)	(D)	(D)
	Hawaii.....	106.3	56.0	50.3	(D)	(D)	(D)	-	(D)	-	2.1
20	Food and kindred products.....	85.9	53.5	48.7	(D)	(D)	(D)	-	(D)	-	(D)

Note: Figures shown for States and divisions include data for all component industry groups whether or not separate figures are shown for individual industry groups.

TABLE 6B. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Geographic Areas and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Geographic area and major industry group	Water discharged—Continued						
		Untreated water, by last use						Boiler feed and other uses
		Total	Process	Cooling and condensing			Sanitary service	
				Steam electric power generation	Air conditioning	Other		
	Mountain Division--Continued							
	Nevada.....	4.8	0.9	-	(D)	3.4	0.2	(D)
28	Chemicals and allied products.....	2.5	(D)	-	-	(D)	(D)	-
32	Stone, clay, and glass products.....	(D)	-	-	-	-	(D)	-
	Pacific Division.....	489.4	207.8	41.3	2.1	205.9	11.4	20.7
	Washington.....	163.7	100.6	(D)	.4	47.3	(D)	5.6
20	Food and kindred products.....	10.0	2.1	.3	-	6.4	.4	.8
24	Lumber and wood products.....	(D)	(D)	(D)	-	(D)	(D)	(D)
26	Paper and allied products.....	88.8	77.1	(D)	-	5.8	(D)	3.3
28	Chemicals and allied products.....	27.2	10.2	-	-	16.2	(D)	(D)
29	Petroleum and coal products.....	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	(D)	(D)	-	-	(D)	-	-
33	Primary metal industries.....	18.0	2.3	-	(D)	14.6	(D)	.6
34	Fabricated metal products.....	.2	.1	(D)	-	(D)	-	-
37	Transportation equipment.....	(D)	(D)	-	(D)	(D)	(D)	(D)
	Oregon.....	53.6	8.6	13.4	.2	(D)	.7	(D)
20	Food and kindred products.....	5.3	(D)	-	-	2.7	(D)	(D)
24	Lumber and wood products.....	22.9	1.1	13.4	-	2.6	.3	5.6
26	Paper and allied products.....	(D)	(D)	-	(D)	(D)	(D)	(D)
29	Petroleum and coal products.....	(D)	-	-	-	-	-	-
32	Stone, clay, and glass products.....	(D)	(D)	-	-	(D)	-	-
33	Primary metal industries.....	(D)	-	-	-	(D)	-	(D)
34	Fabricated metal products.....	.3	.1	-	(D)	(D)	-	-
	California.....	236.5	75.3	15.1	1.5	130.1	8.1	6.3
20	Food and kindred products.....	111.9	11.8	(D)	(D)	94.5	2.6	1.8
22	Textile mill products.....	.8	.6	-	-	-	.1	.1
24	Lumber and wood products.....	26.5	(D)	(D)	-	.9	.3	.7
26	Paper and allied products.....	33.3	20.5	10.3	(D)	1.6	(D)	.7
28	Chemicals and allied products.....	5.6	2.9	-	-	2.2	.2	.3
29	Petroleum and coal products.....	27.6	(D)	-	-	(D)	1.0	.5
30	Rubber and miscellaneous plastics products.....	1.7	.2	-	(D)	(D)	(D)	-
31	Leather and leather products.....	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	(D)	(D)	-	(D)	(D)	(D)	(D)
33	Primary metal industries.....	(D)	(D)	-	-	(D)	(D)	(D)
34	Fabricated metal products.....	2.4	1.5	-	-	.3	.3	.1
35	Machinery, except electrical.....	2.1	.3	-	.4	1.0	.2	.3
36	Electric and electronic equipment.....	1.7	.6	-	.1	.2	.7	.1
37	Transportation equipment.....	8.0	1.8	-	.5	2.9	1.9	.9
38	Instruments and related products.....	.5	.1	-	-	.1	.1	-
39	Miscellaneous manufacturing industries	.1	-	-	-	-	-	-
	Alaska.....	(D)	(D)	-	-	-	-	-
	Hawaii.....	(D)	(D)	(D)	-	(D)	(D)	(D)
20	Food and kindred products.....	(D)	(D)	(D)	-	(D)	(D)	(D)

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

TABLE 6C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Water Use Regions and Major Industry Groups: 1973

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group ¹	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
	UNITED STATES TOTAL.	43412.6	15024.3	14143.5	6156.3	2790.1	689.9	89.1	2336.7	52.9	196.6
	NEW ENGLAND (WUR).	1191.2	665.4	651.4	106.6	71.2	(D)	1.1	29.8	1.0	(D)
20	FOOD AND KINDRED PRODUCTS. . .	37.5	16.1	15.0	2.0	1.3	-	-	.4	.3	.1
22	TEXTILE MILL PRODUCTS.	15.0	14.5	14.2	3.3	2.6	.1	-	.1	.1	.5
26	PAPER AND ALLIED PRODUCTS. . .	739.6	397.3	390.0	50.3	46.9	(D)	-	1.3	.1	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	89.6	67.1	65.5	28.8	(D)	-	-	(D)	.1	.1
29	PETROLEUM AND COAL PRODUCTS. .	1.5	1.1	1.0	.9	(D)	-	-	(D)	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	33.3	23.8	23.2	(D)	(D)	-	(D)	(D)	-	(D)
31	LEATHER AND LEATHER PRODUCTS. .	3.1	3.0	2.9	.5	.5	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	5.1	4.1	3.7	1.4	(D)	-	(D)	.6	-	-
33	PRIMARY METAL INDUSTRIES.	36.5	22.3	22.0	3.1	2.4	-	-	.5	-	-
34	FABRICATED METAL PRODUCTS. . . .	22.3	(D)	14.5	2.1	1.3	-	-	.6	-	.1
35	MACHINERY, EXCEPT ELECTRICAL. .	36.0	21.7	21.6	1.3	.6	-	.3	.1	.2	.1
36	ELECTRIC, ELECTRONIC EQUIP. . . .	10.3	7.0	6.8	2.2	1.1	-	.2	(D)	(D)	.1
37	TRANSPORTATION EQUIPMENT. . . .	95.6	58.2	56.7	(D)	(D)	-	-	(D)	(D)	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	18.3	9.3	9.0	.9	.9	-	-	.1	-	.1
39	MISC. MANUFACTURING INDUSTRIES. .	6.9	4.7	4.6	.7	.5	-	-	.2	-	-
	MIDDLE ATLANTIC (WUR).	4465.2	1857.4	1746.3	755.8	228.7	61.1	4.5	431.4	5.0	25.1
20	FOOD AND KINDRED PRODUCTS. . .	162.9	78.8	69.5	15.5	11.4	.1	-	1.4	.8	1.7
21	TOBACCO PRODUCTS.	20.6	2.3	2.0	.7	.7	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	19.2	12.9	11.7	3.5	3.2	-	-	.1	.1	.2
24	LUMBER AND WOOD PRODUCTS. . . .	.7	.5	.2	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	2.2	1.7	1.7	.1	.1	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	540.3	181.3	163.8	35.6	67.4	(D)	.4	2.3	.3	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	937.6	429.7	408.3	153.1	35.5	.1	1.8	107.1	1.6	7.2
29	PETROLEUM AND COAL PRODUCTS. . .	857.9	359.9	357.3	11.8	5.9	(D)	.1	230.9	.3	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	34.1	31.3	8.2	3.9	-	-	2.3	-	-
31	LEATHER AND LEATHER PRODUCTS. .	.9	.9	.8	.3	.3	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	63.6	34.7	30.4	5.7	2.9	(D)	.1	1.8	.2	(D)
33	PRIMARY METAL INDUSTRIES.	826.0	599.6	562.2	166.3	81.0	-	-	80.9	.8	3.7
34	FABRICATED METAL PRODUCTS. . . .	22.6	8.3	7.7	1.8	1.0	-	-	.6	.1	-
35	MACHINERY, EXCEPT ELECTRICAL. .	66.8	42.8	42.4	4.1	.7	-	(D)	(D)	.1	(D)
36	ELECTRIC, ELECTRONIC EQUIP. . . .	(D)	26.4	25.2	9.0	5.8	-	.7	2.1	.3	.2
37	TRANSPORTATION EQUIPMENT. . . .	117.0	26.6	25.7	1.7	1.0	-	-	.1	.3	.3
38	INSTRUMENTS, RELATED PRODUCTS. .	15.4	5.0	4.5	1.0	.2	-	(D)	(D)	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	9.7	1.9	1.7	.1	.1	-	-	-	-	-
	SOUTH ATLANTIC (WUR).	5087.5	1280.2	1172.1	634.7	472.3	15.9	5.7	113.0	9.3	18.5
20	FOOD AND KINDRED PRODUCTS. . .	178.7	79.4	75.7	38.2	18.4	.1	.1	16.5	1.6	1.5
21	TOBACCO PRODUCTS.	68.7	2.3	1.6	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	348.3	127.4	112.5	54.2	46.7	(D)	1.2	2.5	(D)	2.3
24	LUMBER AND WOOD PRODUCTS. . . .	16.4	12.7	10.3	2.4	2.0	-	-	.2	.1	.1
25	FURNITURE AND FIXTURES.	1.7	1.1	1.1	.3	.1	-	-	(D)	-	(D)
26	PAPER AND ALLIED PRODUCTS. . . .	2530.1	679.4	640.6	429.5	373.1	10.4	1.8	32.2	3.1	8.9
28	CHEMICALS AND ALLIED PRODUCTS. .	1226.6	244.6	216.8	60.7	20.7	(D)	2.4	26.9	(D)	4.0
29	PETROLEUM AND COAL PRODUCTS. . .	111.7	7.3	4.7	4.1	.7	-	-	2.4	-	1.0
30	RUBBER, MISC. PLASTICS PROD. . .	30.4	11.2	11.0	1.1	.2	-	.1	.6	.1	.1
32	STONE, CLAY, GLASS PRODUCTS. . .	83.1	21.1	16.6	2.1	1.4	-	-	.4	.2	.2
33	PRIMARY METAL INDUSTRIES.	363.8	65.3	54.6	29.1	5.3	-	-	23.7	.1	.1
34	FABRICATED METAL PRODUCTS. . . .	5.0	2.9	2.8	.9	.8	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	37.9	11.2	11.0	(D)	(D)	-	-	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . . .	25.8	7.0	6.5	1.9	1.4	-	-	.3	.1	.1
37	TRANSPORTATION EQUIPMENT. . . .	54.5	6.2	5.2	(D)	(D)	-	-	(D)	(D)	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	1.9	.8	.8	.3	(D)	-	-	(D)	-	-
39	MISC. MANUFACTURING INDUSTRIES. .	1.1	.4	.4	-	-	-	-	-	-	-
	GREAT LAKES.	6545.2	3324.5	3161.8	1362.3	752.4	131.2	46.6	397.7	8.3	26.1
20	FOOD AND KINDRED PRODUCTS. . .	175.6	87.3	81.0	21.3	10.9	1.1	.6	6.0	.9	1.7
22	TEXTILE MILL PRODUCTS.	3.3	2.0	1.9	(D)	(D)	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	(D)	4.1	4.0	(D)	(D)	-	-	-	-	-
25	FURNITURE AND FIXTURES.	3.2	1.7	1.6	.2	.2	-	-	.1	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	569.9	234.0	220.6	112.0	96.8	7.8	.4	4.5	.3	2.2
28	CHEMICALS AND ALLIED PRODUCTS. .	854.4	435.4	390.0	117.5	21.1	4.0	.8	86.2	1.2	4.2
29	PETROLEUM AND COAL PRODUCTS. . .	658.8	167.9	157.6	86.4	12.5	(D)	-	66.3	(D)	6.3
30	RUBBER, MISC. PLASTICS PROD. . .	55.3	31.1	27.8	7.2	.8	-	.2	5.5	.4	.3
31	LEATHER AND LEATHER PRODUCTS. .	3.0	2.7	2.6	1.4	(D)	-	-	-	-	(D)
32	STONE, CLAY, GLASS PRODUCTS. . .	79.6	56.2	53.9	8.1	.3	-	-	2.0	.2	.4
33	PRIMARY METAL INDUSTRIES.	3167.5	2113.8	2045.0	954.9	571.5	116.1	(D)	214.2	(D)	5.7
34	FABRICATED METAL PRODUCTS. . . .	109.2	35.5	33.0	10.5	5.9	(D)	-	2.2	(D)	2.0
35	MACHINERY, EXCEPT ELECTRICAL. .	81.9	26.4	24.2	3.9	2.1	-	-	1.5	.1	.1
36	ELECTRIC, ELECTRONIC EQUIP. . . .	86.2	23.7	21.5	(D)	(D)	-	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . .	604.8	84.8	80.4	20.3	11.5	-	.3	7.1	.8	.7
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	16.1	14.8	(D)	(D)	(D)	(D)	(D)	-	(D)
39	MISC. MANUFACTURING INDUSTRIES. .	3.7	1.8	1.9	1.0	.3	-	-	(D)	-	(D)
	OHIO (WUR).	4908.5	2288.2	2200.1	680.2	369.2	22.8	10.2	238.3	7.3	32.4
20	FOOD AND KINDRED PRODUCTS. . .	94.5	35.0	31.3	8.5	3.4	.1	.1	3.5	.8	.7
21	TOBACCO PRODUCTS.	10.3	.8	.6	-	-	-	-	-	-	-
22	TEXTILE MILL PRODUCTS.	3.5	3.1	2.7	.9	(D)	-	-	(D)	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	1.2	.9	.8	-	-	-	-	-	-	-
25	FURNITURE AND FIXTURES.	1.1	.9	.9	-	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . . .	227.0	72.0	67.8	44.6	37.6	(D)	(D)	4.3	-	1.3
28	CHEMICALS AND ALLIED PRODUCTS. .	1377.1	613.1	585.9	153.2	32.1	.2	.7	109.9	2.3	7.9
29	PETROLEUM AND COAL PRODUCTS. . .	332.1	35.2	29.6	11.8	2.7	.3	-	5.6	.1	3.0
30	RUBBER, MISC. PLASTICS PROD. . .	112.8	15.0	14.2	4.6	1.2	-	(D)	1.2	.1	(D)

See footnotes at end of table.

TABLE 6C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Water Use Regions and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group ¹	Water discharged—Continued						
		Untreated, by last use						Boiler feed and other uses
		Total	Process	Cooling and condensing			Sanitary service	
				Steam electric power generation	Air conditioning	Other		
	UNITED STATES TOTAL.	7987.2	1198.5	1708.7	193.5	4517.2	147.4	219.8
	NEW ENGLAND (WUR).	544.4	190.3	232.2	5.1	47.6	15.8	13.7
20	FOOD AND KINDRED PRODUCTS. . .	13.0	1.9	(D)	(D)	9.5	.6	.5
22	TEXTILE MILL PRODUCTS.	10.9	7.6	1.8	.3	.6	.3	.4
26	PAPER AND ALLIED PRODUCTS. . . .	339.7	110.5	199.2	.4	12.8	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	36.8	3.4	(D)	.2	22.4	.2	(D)
29	PETROLEUM AND COAL PRODUCTS. . .	.1	-	-	-	.1	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	-	(D)	(D)	(D)	(D)
31	LEATHER AND LEATHER PRODUCTS. .	2.4	2.2	-	-	.1	.1	-
32	STONE, CLAY, GLASS PRODUCTS. . .	2.3	.4	-	.1	1.0	.1	.7
33	PRIMARY METAL INDUSTRIES.	19.0	8.0	(D)	.1	6.4	(D)	.5
34	FABRICATED METAL PRODUCTS. . . .	12.4	7.7	(D)	(D)	1.3	.6	.2
35	MACHINERY, EXCEPT ELECTRICAL. .	20.3	3.4	(D)	1.2	3.1	.7	(D)
36	ELECTRIC, ELECTRONIC EQUIP. . . .	4.4	1.1	-	.8	1.9	.6	.2
37	TRANSPORTATION EQUIPMENT. . . .	(D)	(D)	-	(D)	(D)	(D)	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	6.1	1.6	(D)	(D)	.8	.4	.1
39	MISC. MANUFACTURING INDUSTRIES. .	4.0	1.1	(D)	.1	1.3	.3	(D)
	MIDDLE ATLANTIC (WUR).	989.9	127.3	167.5	43.5	592.2	19.0	20.4
20	FOOD AND KINDRED PRODUCTS. . . .	53.5	11.0	.5	.8	34.6	3.3	3.4
21	TOBACCO PRODUCTS.	1.3	(D)	-	.2	.8	(D)	-
22	TEXTILE MILL PRODUCTS.	4.2	5.8	-	.1	1.4	.4	.4
24	LUMBER AND WOOD PRODUCTS. . . .	.2	.1	-	-	.1	-	-
25	FURNITURE AND FIXTURES.	1.7	(D)	(D)	-	.1	(D)	-
26	PAPER AND ALLIED PRODUCTS. . . .	78.0	36.7	21.3	.1	13.0	.5	1.3
28	CHEMICALS AND ALLIED PRODUCTS. .	255.1	31.4	25.9	6.5	180.3	1.9	9.1
29	PETROLEUM AND COAL PRODUCTS. . .	58.4	.1	1.3	-	56.2	.5	.2
30	RUBBER, MISC. PLASTICS PROD. . .	23.1	1.8	(D)	4.5	10.0	(D)	.5
31	LEATHER AND LEATHER PRODUCTS. .	.5	.5	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	24.7	8.0	4.4	.1	10.9	.6	.6
33	PRIMARY METAL INDUSTRIES.	395.9	19.2	126.9	8.6	236.5	3.0	1.8
34	FABRICATED METAL PRODUCTS. . . .	5.9	1.4	-	.2	3.2	.8	.3
35	MACHINERY, EXCEPT ELECTRICAL. .	38.3	.7	(D)	(D)	23.4	(D)	.5
36	ELECTRIC, ELECTRONIC EQUIP. . . .	16.1	2.0	-	5.1	5.2	3.2	.5
37	TRANSPORTATION EQUIPMENT. . . .	24.0	7.5	-	3.1	10.4	1.5	1.5
38	INSTRUMENTS, RELATED PRODUCTS. .	3.4	(D)	-	(D)	.3	.9	.1
39	MISC. MANUFACTURING INDUSTRIES. .	1.6	.5	-	.1	.6	.2	.1
	SOUTH ATLANTIC (WUR).	536.6	117.9	123.9	18.8	245.6	11.3	18.7
20	FOOD AND KINDRED PRODUCTS. . . .	37.2	10.2	.3	.6	22.0	1.9	2.1
21	TOBACCO PRODUCTS.	1.6	(D)	-	-	.2	(D)	.3
22	TEXTILE MILL PRODUCTS.	58.3	39.5	.3	4.2	5.0	3.9	4.2
24	LUMBER AND WOOD PRODUCTS. . . .	7.8	.3	(D)	-	(D)	.1	.3
25	FURNITURE AND FIXTURES. . . . .	.7	.1	-	-	.1	.1	.2
26	PAPER AND ALLIED PRODUCTS. . . .	210.7	43.7	103.5	.5	57.1	.7	5.1
28	CHEMICALS AND ALLIED PRODUCTS. .	156.1	4.4	10.0	9.1	127.5	.6	4.5
29	PETROLEUM AND COAL PRODUCTS. . .	.5	-	(D)	-	(D)	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	9.0	.8	-	2.8	5.6	.2	.5
32	STONE, CLAY, GLASS PRODUCTS. . .	14.5	6.9	3.5	-	3.4	.2	.5
33	PRIMARY METAL INDUSTRIES.	25.5	8.3	.1	-	15.6	1.1	.4
34	FABRICATED METAL PRODUCTS. . . .	2.0	.5	-	-	1.2	.3	-
35	MACHINERY, EXCEPT ELECTRICAL. .	(D)	(D)	-	(D)	(D)	(D)	(D)
36	ELECTRIC, ELECTRONIC EQUIP. . . .	4.6	1.1	-	.5	2.3	.6	.2
37	TRANSPORTATION EQUIPMENT. . . .	(D)	(D)	-	(D)	(D)	(D)	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	.5	.3	-	-	.1	.1	-
39	MISC. MANUFACTURING INDUSTRIES. .	.3	.2	-	-	-	.1	-
	GREAT LAKES.	1799.5	185.0	416.2	41.1	1065.3	43.0	48.8
20	FOOD AND KINDRED PRODUCTS. . . .	59.7	15.3	3.6	1.3	31.2	2.8	5.4
22	TEXTILE MILL PRODUCTS.	(D)	(D)	-	-	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS. . . .	(D)	(D)	(D)	-	(D)	(D)	-
25	FURNITURE AND FIXTURES.	1.4	.7	-	.1	.4	.1	.1
26	PAPER AND ALLIED PRODUCTS. . . .	108.6	44.7	43.5	.5	15.8	1.2	2.6
28	CHEMICALS AND ALLIED PRODUCTS. .	272.5	22.8	10.5	27.1	204.2	3.9	4.0
29	PETROLEUM AND COAL PRODUCTS. . .	71.2	.1	-	.3	69.4	.5	.8
30	RUBBER, MISC. PLASTICS PROD. . .	20.6	2.8	-	.6	15.3	.8	1.1
31	LEATHER AND LEATHER PRODUCTS. .	1.2	1.1	-	-	-	.1	-
32	STONE, CLAY, GLASS PRODUCTS. . .	45.8	2.8	30.9	.4	6.4	1.0	4.3
33	PRIMARY METAL INDUSTRIES.	1090.0	50.2	323.6	3.5	686.7	14.6	11.3
34	FABRICATED METAL PRODUCTS. . . .	22.5	9.2	.1	.6	7.8	3.2	1.6
35	MACHINERY, EXCEPT ELECTRICAL. .	20.3	7.5	-	1.4	6.1	3.7	1.7
36	ELECTRIC, ELECTRONIC EQUIP. . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . . .	60.1	19.9	1.7	3.1	14.5	6.9	13.9
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	-	(D)	(D)	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES. .	.9	.3	-	(D)	(D)	.2	.2
	OHIO (WUR).	1519.4	139.4	336.4	28.5	960.4	20.5	34.3
20	FOOD AND KINDRED PRODUCTS. . . .	22.8	7.6	.1	.7	11.6	1.2	1.5
21	TOBACCO PRODUCTS. . . . .	.6	.2	-	.1	-	.2	.1
22	TEXTILE MILL PRODUCTS.	1.7	(D)	-	-	(D)	-	-
24	LUMBER AND WOOD PRODUCTS. . . .	(D)	-	-	-	-	(D)	(D)
25	FURNITURE AND FIXTURES. . . . .	.9	.3	-	-	.4	.1	-
26	PAPER AND ALLIED PRODUCTS. . . .	23.2	3.1	14.4	.1	4.7	.5	.3
28	CHEMICALS AND ALLIED PRODUCTS. .	432.7	14.9	(D)	(D)	357.9	1.1	5.2
29	PETROLEUM AND COAL PRODUCTS. . .	17.7	-	.1	-	17.0	.1	.4
30	RUBBER, MISC. PLASTICS PROD. . .	9.6	2.7	(D)	.3	5.4	.9	(D)

See footnotes at end of table.

TABLE 6C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Water Use Regions and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group ¹	Gross water used, including recirculated	Water intake	Water discharged						
				Total	Treated, by last use					
					Total	Process	Cooling and condensing			Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other	Sanitary service
OHIO (WUR)—CONTINUED										
31	LEATHER AND LEATHER PRODUCTS . .	0.2	0.2	0.2	(D)	(D)	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	97.0	34.1	29.9	4.6	2.3	-	-	2.0	0.1
33	PRIMARY METAL INDUSTRIES . . .	2343.4	1394.2	1357.5	428.7	275.4	(D)	(D)	105.8	16.5
34	FABRICATED METAL PRODUCTS . .	51.3	17.7	16.4	3.3	2.3	-	-	.5	.4
35	MACHINERY, EXCEPT ELECTRICAL .	57.9	22.1	21.1	7.7	3.0	-	1.6	2.7	.4
36	ELECTRIC, ELECTRONIC EQUIP . .	76.4	19.4	18.2	5.5	4.8	-	-	.3	.3
37	TRANSPORTATION EQUIPMENT . . .	114.2	21.2	19.9	5.4	2.6	-	.1	2.2	.3
38	INSTRUMENTS, RELATED PRODUCTS .	6.4	1.3	1.3	(D)	(D)	-	-	(D)	(D)
39	MISC. MANUFACTURING INDUSTRIES .	2.2	2.0	1.8	.5	.5	-	-	-	-
TENNESSEE (WUR)		1257.6	529.0	504.4	144.4	93.6	5.2	2.1	35.7	2.5
20	FOOD AND KINDRED PRODUCTS . . .	9.0	3.4	3.3	1.2	(D)	-	-	(D)	.1
22	TEXTILE MILL PRODUCTS	18.4	10.8	10.3	3.5	3.2	-	-	.2	.1
26	PAPER AND ALLIED PRODUCTS . . .	364.3	79.0	76.9	50.8	44.4	(D)	(D)	3.6	.5
28	CHEMICALS AND ALLIED PRODUCTS .	705.4	366.5	349.8	45.9	30.8	-	(D)	9.3	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	17.3	11.5	10.5	.6	(D)	-	-	-	(D)
32	STONE, CLAY, GLASS PRODUCTS . .	6.3	5.2	5.0	1.1	(D)	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES . . .	115.9	45.3	42.4	38.0	(D)	(D)	-	20.8	.3
34	FABRICATED METAL PRODUCTS . . .	2.1	1.2	1.2	.2	.1	-	-	.1	-
35	MACHINERY, EXCEPT ELECTRICAL .	1.4	.5	.5	.2	.2	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	9.7	2.3	2.1	1.2	.8	-	-	.1	.1
37	TRANSPORTATION EQUIPMENT . . .	1.6	1.3	1.3	1.0	.3	-	(D)	.5	(D)
39	MISC. MANUFACTURING INDUSTRIES .	.4	.4	.4	-	-	-	-	-	-
UPPER MISSISSIPPI		1655.1	513.0	471.7	182.8	87.4	12.1	2.8	70.3	2.2
20	FOOD AND KINDRED PRODUCTS . . .	270.4	122.2	111.0	28.2	18.7	1.0	1.2	4.9	.9
22	TEXTILE MILL PRODUCTS	1.1	1.0	1.0	-	-	-	-	-	-
25	FURNITURE AND FIXTURES . . . . .	.2	.2	.2	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	301.0	110.4	106.5	41.7	31.6	4.7	-	4.6	.8
28	CHEMICALS AND ALLIED PRODUCTS .	265.6	95.4	87.2	40.7	13.2	-	.1	26.6	.1
29	PETROLEUM AND COAL PRODUCTS . .	241.3	15.7	11.8	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	21.5	10.5	9.6	1.9	(D)	-	-	1.1	(D)
31	LEATHER AND LEATHER PRODUCTS . .	.6	.6	.6	(D)	(D)	-	-	-	(D)
32	STONE, CLAY, GLASS PRODUCTS . .	27.3	18.4	17.1	(D)	(D)	-	(D)	(D)	.6
33	PRIMARY METAL INDUSTRIES . . .	258.9	69.0	66.2	37.4	14.0	(D)	.3	.6	2.6
34	FABRICATED METAL PRODUCTS . . .	16.8	12.9	12.5	2.7	1.9	-	-	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL .	117.9	37.1	35.8	14.1	2.7	(D)	(D)	4.2	.1
36	ELECTRIC, ELECTRONIC EQUIP . . .	8.6	4.4	4.3	.6	.6	-	-	.1	.1
37	TRANSPORTATION EQUIPMENT . . .	113.6	6.3	4.5	1.4	(D)	-	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS .	3.0	1.6	1.6	.2	.1	-	-	-	-
LOWER MISSISSIPPI		4042.3	1451.6	1391.3	509.8	142.6	98.6	5.0	245.5	4.6
20	FOOD AND KINDRED PRODUCTS . . .	85.9	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS	7.3	3.2	3.1	(D)	(D)	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	7.9	7.0	3.6	.1	-	-	-	.1	-
25	FURNITURE AND FIXTURES . . . . .	.4	.3	.3	.1	.1	(D)	.7	(D)	.5
26	PAPER AND ALLIED PRODUCTS . . .	399.6	138.3	132.6	106.9	102.6	(D)	-	(D)	1.4
28	CHEMICALS AND ALLIED PRODUCTS .	1854.6	855.6	821.5	249.4	24.9	(D)	3.7	(D)	2.0
29	PETROLEUM AND COAL PRODUCTS . .	1237.7	246.9	236.1	119.4	9.5	-	.2	102.0	1.6
30	RUBBER, MISC. PLASTICS PROD. . .	10.0	5.0	5.0	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS . .	13.8	4.0	3.4	1.1	.8	-	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES . . .	417.5	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
34	FABRICATED METAL PRODUCTS . . .	2.4	2.3	2.3	1.0	.9	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL .	.4	1.0	.9	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	1.5	1.2	1.2	.2	.2	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . .	2.9	2.8	2.7	-	-	-	-	-	-
SOURIS - RED - RAINY		38.2	(D)	(D)	(D)	(D)	-	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS . . .	(D)	2.8	2.8	1.8	(D)	-	-	(D)	-
MISSOURI (WUR)		566.0	133.3	114.5	44.8	27.8	(D)	(D)	12.3	1.1
20	FOOD AND KINDRED PRODUCTS . . .	78.4	46.5	44.6	17.2	9.9	(D)	-	5.4	(D)
26	PAPER AND ALLIED PRODUCTS . . .	4.0	1.1	1.0	.8	.8	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS .	141.5	20.9	12.3	2.1	.1	-	-	1.9	.1
29	PETROLEUM AND COAL PRODUCTS . .	207.2	28.2	24.0	7.6	1.8	-	-	4.1	1.7
30	RUBBER, MISC. PLASTICS PROD. . .	15.1	4.3	3.9	(D)	(D)	-	-	(D)	(D)
32	STONE, CLAY, GLASS PRODUCTS . .	10.0	3.5	2.6	.6	.3	-	-	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . .	28.7	19.8	18.1	(D)	(D)	-	(D)	.3	(D)
34	FABRICATED METAL PRODUCTS . . .	9.6	2.6	2.4	.8	(D)	-	.2	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL .	3.0	.6	.6	-	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	(D)	1.8	1.5	.7	(D)	-	-	(D)	-
37	TRANSPORTATION EQUIPMENT . . .	(D)	2.7	2.3	.3	.2	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS .	1.1	.6	.5	(D)	(D)	-	-	-	-
ARKANSAS, WHITE AND RED		1458.7	228.9	194.5	135.0	76.9	4.3	(D)	46.5	(D)
20	FOOD AND KINDRED PRODUCTS . . .	25.7	17.3	15.9	8.7	7.4	-	-	.6	.4
22	TEXTILE MILL PRODUCTS	7.4	.6	.5	.5	.4	-	-	.1	-
24	LUMBER AND WOOD PRODUCTS . . .	2.8	2.3	2.2	(D)	(D)	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	145.1	39.4	37.0	(D)	(D)	(D)	(D)	(D)	(D)
28	CHEMICALS AND ALLIED PRODUCTS .	21.2	1.2	20.9	3.4	2.9	(D)	-	3.3	.7

See footnotes at end of table.

TABLE 6C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Water Use Regions and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group ¹	Water discharged—Continued						
		Total	Process	Untreated, by last use			Sanitary service	Boiler feed and other uses
				Steam electric power generation	Air conditioning	Other		
	OHIO (WUR)—CONTINUED							
31	LEATHER AND LEATHER PRODUCTS . .	(D)	-	-	-	-	(D)	-
32	STONE, CLAY, GLASS PRODUCTS . . .	25.3	8.4	2.3	1.3	10.3	0.8	1.6
33	PRIMARY METAL INDUSTRIES . . .	925.4	87.2	266.6	(D)	525.9	(D)	21.1
34	FABRICATED METAL PRODUCTS . . .	13.1	5.1	-	.2	5.5	1.3	-
35	MACHINERY, EXCEPT ELECTRICAL . .	13.4	2.4	(D)	2.1	5.7	1.4	(D)
36	ELECTRIC, ELECTRONIC EQUIP . . .	12.7	3.4	-	1.4	5.1	2.0	.7
37	TRANSPORTATION EQUIPMENT . . .	14.6	3.1	-	1.1	8.0	1.5	.7
38	INSTRUMENTS, RELATED PRODUCTS . .	(D)	(D)	-	(D)	(D)	(D)	-
39	MISC. MANUFACTURING INDUSTRIES . .	1.7	-	-	.1	1.1	-	-
	TENNESSEE (WUR)	360.3	26.5	32.2	28.2	264.6	2.1	5.3
20	FOOD AND KINDRED PRODUCTS . . .	2.0	1.1	.1	-	.3	.2	.2
22	TEXTILE MILL PRODUCTS	6.8	5.0	(D)	(D)	(D)	(D)	.4
26	PAPER AND ALLIED PRODUCTS . . .	26.1	(D)	(D)	(D)	4.2	(D)	1.9
28	CHEMICALS AND ALLIED PRODUCTS . .	303.6	6.7	(D)	27.4	246.7	.6	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	4.9	2.0	-	.2	7.5	.1	.2
32	STONE, CLAY, GLASS PRODUCTS . . .	3.8	1.5	(D)	-	1.0	.1	(D)
33	PRIMARY METAL INDUSTRIES . . .	4.5	.5	-	.1	3.6	.2	.1
34	FABRICATED METAL PRODUCTS . . .	.0	(D)	-	-	(D)	.1	-
35	MACHINERY, EXCEPT ELECTRICAL . .	.2	-	-	-	.1	.1	-
36	ELECTRIC, ELECTRONIC EQUIP . . .	1.0	.4	-	.1	.1	.2	.1
37	TRANSPORTATION EQUIPMENT . . .	.3	.1	-	-	.2	-	-
39	MISC. MANUFACTURING INDUSTRIES . .	.3	.2	-	-	.1	-	-
	UPPER MISSISSIPPI	288.9	66.4	61.6	6.6	130.3	11.2	10.9
20	FOOD AND KINDRED PRODUCTS . . .	82.8	13.6	7.8	1.4	52.4	4.3	3.2
22	TEXTILE MILL PRODUCTS	1.0	.6	-	.1	.3	-	-
25	FURNITURE AND FIXTURES . . . . .	.2	.2	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	64.8	29.7	28.6	.6	3.9	.5	1.6
28	CHEMICALS AND ALLIED PRODUCTS . .	46.5	4.1	(D)	.2	35.6	.4	(D)
29	PETROLEUM AND COAL PRODUCTS . . .	(D)	-	-	-	(D)	-	-
30	RUBBER, MISC. PLASTICS PROD. . .	7.8	.9	-	.9	5.2	.4	.3
31	LEATHER AND LEATHER PRODUCTS . .	(D)	(D)	-	-	(D)	-	-
32	STONE, CLAY, GLASS PRODUCTS . . .	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33	PRIMARY METAL INDUSTRIES . . .	28.8	6.4	-	1.4	20.2	.5	.2
34	FABRICATED METAL PRODUCTS . . .	9.9	4.9	(D)	.6	2.4	.9	(D)
35	MACHINERY, EXCEPT ELECTRICAL . .	21.8	2.4	11.8	1.6	3.4	2.0	.6
36	ELECTRIC, ELECTRONIC EQUIP . . .	3.4	1.0	-	.4	1.3	.6	.2
37	TRANSPORTATION EQUIPMENT . . .	3.2	.9	-	.3	.6	.9	.5
38	INSTRUMENTS, RELATED PRODUCTS . .	1.4	.4	-	.1	.4	.3	.2
	LOWER MISSISSIPPI	881.0	53.9	213.3	2.2	584.5	2.6	23.8
20	FOOD AND KINDRED PRODUCTS . . .	(D)	(D)	-	(D)	(D)	(D)	(D)
22	TEXTILE MILL PRODUCTS	(D)	(D)	-	(D)	(D)	(D)	(D)
24	LUMBER AND WOOD PRODUCTS . . .	3.5	.7	(D)	-	(D)	.1	1.0
25	FURNITURE AND FIXTURES . . . . .	.2	.1	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS . . .	25.7	17.2	(D)	.1	(D)	.4	.4
28	CHEMICALS AND ALLIED PRODUCTS . .	572.1	26.4	68.9	.5	470.4	.5	5.4
29	PETROLEUM AND COAL PRODUCTS . . .	116.7	(D)	(D)	(D)	82.1	-	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	4.9	2.0	-	.2	2.2	.1	.3
32	STONE, CLAY, GLASS PRODUCTS . . .	2.3	1.3	-	.9	.9	.1	-
33	PRIMARY METAL INDUSTRIES . . .	(D)	.5	(D)	-	(D)	-	.2
34	FABRICATED METAL PRODUCTS . . .	1.3	.6	-	-	.4	.1	.1
35	MACHINERY, EXCEPT ELECTRICAL . .	.9	.3	-	-	.1	.1	.4
36	ELECTRIC, ELECTRONIC EQUIP . . .	1.0	.3	-	.1	.5	.1	-
37	TRANSPORTATION EQUIPMENT . . .	2.0	-	-	-	(D)	.2	(D)
	SOURIS - RED - RAINY	(D)	(D)	(D)	-	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS . . .	1.0	(D)	-	-	(D)	(D)	(D)
	MISSOURI (WUR)	69.7	11.4	.5	1.2	47.9	3.7	5.0
20	FOOD AND KINDRED PRODUCTS . . .	27.5	4.6	.4	.5	18.2	2.0	1.6
26	PAPER AND ALLIED PRODUCTS . . .	.2	.1	-	-	-	-	-
28	CHEMICALS AND ALLIED PRODUCTS . .	10.3	1.0	-	(D)	8.5	(D)	.5
29	PETROLEUM AND COAL PRODUCTS . . .	16.4	(D)	-	-	15.3	(D)	.7
30	RUBBER, MISC. PLASTICS PROD. . .	(D)	(D)	-	(D)	(D)	(D)	(D)
32	STONE, CLAY, GLASS PRODUCTS . . .	2.0	.1	-	-	.7	.1	1.0
33	PRIMARY METAL INDUSTRIES . . .	(D)	2.6	-	-	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS . . .	1.6	.9	-	-	(D)	(D)	.3
35	MACHINERY, EXCEPT ELECTRICAL . .	.5	.2	-	-	.1	.1	.2
36	ELECTRIC, ELECTRONIC EQUIP . . .	.9	.3	-	.1	.2	.2	.1
37	TRANSPORTATION EQUIPMENT . . .	2.1	.7	-	.2	.9	.2	.1
38	INSTRUMENTS, RELATED PRODUCTS . .	(D)	-	-	(D)	-	-	(D)
	ARKANSAS, WHITE AND RED	59.5	14.2	17.7	.4	21.2	2.2	3.8
20	FOOD AND KINDRED PRODUCTS . . .	7.3	3.0	.1	-	2.8	.7	.6
22	TEXTILE MILL PRODUCTS . . . . .	.1	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . .	(D)	(D)	-	-	(D)	-	(D)
26	PAPER AND ALLIED PRODUCTS . . .	(D)	(D)	-	-	-	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS . .	12.5	1.1	.1	-	10.4	.2	.7

See footnotes at end of table.

TABLE 6C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Water Use Regions and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group ¹	Gross water used, including recirculated	Water intake	Water discharged						
				Total	Treated, by last use					
					Total	Process	Cooling and condensing			Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other	
	ARKANSAS, WHITE AND RED--CON.									
29	PETROLEUM AND COAL PRODUCTS. . .	643.9	24.4	11.1	9.0	1.1	(D)	-	4.7	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	24.1	2.4	2.1	.5	.1	-	-	.4	-
32	STONE, CLAY, GLASS PRODUCTS. . .	18.9	4.3	3.2	1.3	.6	-	-	.4	-
33	PRIMARY METAL INDUSTRIES. . .	203.1	100.3	95.9	(D)	(D)	-	-	(D)	(D)
34	FABRICATED METAL PRODUCTS. . .	5.9	2.3	1.4	.7	.1	-	-	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . .	3.7	1.3	1.2	.2	.2	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	14.1	1.7	1.2	.5	.5	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	1.9	1.6	1.1	.2	.1	-	-	-	-
	TEXAS GULF	7573.1	1487.8	1388.2	1004.4	144.1	311.6	8.3	497.0	5.4
20	FOOD AND KINDRED PRODUCTS. . .	47.4	19.8	17.6	3.8	2.8	-	-	.6	.3
22	TEXTILE MILL PRODUCTS. . .	.5	.4	.4	.2	.2	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	4.2	1.5	.9	.4	(D)	-	-	-	(D)
26	PAPER AND ALLIED PRODUCTS. . .	432.3	57.0	52.2	51.1	48.6	(D)	(D)	.1	.7
28	CHEMICALS AND ALLIED PRODUCTS. . .	2897.4	839.0	794.4	613.6	(D)	(D)	5.6	321.7	10.0
29	PETROLEUM AND COAL PRODUCTS. . .	2749.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	20.7	1.9	1.2	.3	.2	-	-	.1	.1
32	STONE, CLAY, GLASS PRODUCTS. . .	22.2	6.6	4.1	.8	(D)	-	-	-	(D)
34	FABRICATED METAL PRODUCTS. . .	2.0	1.0	.9	.4	.3	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	14.9	2.4	1.8	.1	.1	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	2.3	2.0	1.5	1.3	-	-	(D)	(D)
37	TRANSPORTATION EQUIPMENT. . .	(D)	14.6	14.3	.3	.2	-	-	(D)	(D)
38	INSTRUMENTS, RELATED PRODUCTS. . .	.7	.1	.1	-	-	-	-	-	-
	RIO GRANDE	125.4	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	2.1	1.4	1.3	.4	.3	-	-	-	.1
33	PRIMARY METAL INDUSTRIES. . .	7.7	.9	.3	(D)	-	-	-	-	-
	UPPER COLORADO	1.5	.7	.6	.1	-	-	-	-	-
	LOWER COLORADO	165.8	24.5	14.7	3.8	1.6	(D)	(D)	1.1	.4
20	FOOD AND KINDRED PRODUCTS. . .	5.7	2.2	2.1	1.1	.3	-	(D)	(D)	.1
28	CHEMICALS AND ALLIED PRODUCTS. . .	10.7	3.1	2.4	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	1.3	.9	.5	(D)	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	84.3	11.4	4.6	.7	.1	(D)	-	(D)	.3
35	MACHINERY, EXCEPT ELECTRICAL. . .	3.5	.4	.3	.1	.1	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	2.0	1.9	(D)	(D)	-	(D)	(D)	-
	GREAT BASIN.	478.5	34.4	28.6	12.8	11.1	(D)	-	.9	(D)
20	FOOD AND KINDRED PRODUCTS. . .	4.0	2.6	2.6	.5	.4	-	-	.1	-
28	CHEMICALS AND ALLIED PRODUCTS. . .	9.9	8.1	6.0	(D)	(D)	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS. . .	310.7	3.1	1.6	1.6	.2	(D)	-	.7	(D)
32	STONE, CLAY, GLASS PRODUCTS. . .	.8	.4	.4	(D)	(D)	-	-	-	-
33	PRIMARY METAL INDUSTRIES. . .	152.1	19.2	17.4	(D)	(D)	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	.2	.1	.1	-	-	-	-	-	-
	COLUMBIA - NORTH PACIFIC	1847.4	561.6	532.7	290.0	237.3	(D)	(D)	39.5	2.1
20	FOOD AND KINDRED PRODUCTS. . .	81.9	41.4	39.4	16.8	13.5	-	(D)	1.8	(D)
24	LUMBER AND WOOD PRODUCTS. . .	138.3	85.2	63.9	28.0	20.2	(D)	-	5.4	(D)
26	PAPER AND ALLIED PRODUCTS. . .	1269.6	331.0	318.5	213.3	192.0	-	.2	18.1	.6
28	CHEMICALS AND ALLIED PRODUCTS. . .	96.7	48.4	43.4	2.2	.5	-	-	1.5	.1
29	PETROLEUM AND COAL PRODUCTS. . .	91.4	3.9	2.2	2.2	.2	-	-	1.1	.8
32	STONE, CLAY, GLASS PRODUCTS. . .	6.0	5.5	4.5	.8	(D)	-	-	(D)	-
33	PRIMARY METAL INDUSTRIES. . .	152.9	61.3	55.9	26.0	10.2	-	(D)	10.8	(D)
34	FABRICATED METAL PRODUCTS. . .	.6	.6	.6	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	1.5	.2	.2	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT. . .	6.3	3.4	3.4	(D)	(D)	-	-	(D)	-
38	INSTRUMENTS, RELATED PRODUCTS. . .	.7	.5	.5	(D)	(D)	-	-	-	-
	CALIFORNIA - SOUTH PACIFIC . . .	1655.9	433.0	390.4	151.0	43.7	2.0	1.0	96.0	1.4
20	FOOD AND KINDRED PRODUCTS. . .	223.6	136.0	132.2	19.8	12.6	-	-	5.8	.7
22	TEXTILE MILL PRODUCTS. . .	1.7	1.7	1.1	.3	.3	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	71.0	37.9	35.0	5.9	.9	(D)	(D)	3.8	.3
26	PAPER AND ALLIED PRODUCTS. . .	290.9	48.0	46.2	13.1	12.4	-	-	.4	.2
28	CHEMICALS AND ALLIED PRODUCTS. . .	182.1	39.2	28.1	22.6	3.3	(D)	(D)	16.5	(D)
29	PETROLEUM AND COAL PRODUCTS. . .	655.7	112.8	97.9	70.4	(D)	-	-	(D)	.2
30	RUBBER, MISC. PLASTICS PROD. . .	12.0	2.3	1.9	.2	.2	-	-	.1	.1
31	LEATHER AND LEATHER PRODUCTS. . .	.2	.2	.1	.1	.1	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	37.5	18.6	15.5	2.1	1.4	-	-	.5	.1
33	PRIMARY METAL INDUSTRIES. . .	43.8	11.0	9.8	(D)	(D)	-	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . .	14.6	5.2	5.0	(D)	(D)	-	-	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. . .	9.6	2.8	2.7	.6	.6	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	29.2	4.4	4.0	2.3	1.9	-	-	.3	-
37	TRANSPORTATION EQUIPMENT. . .	82.7	11.7	10.0	2.0	1.2	-	.2	(D)	.3
38	INSTRUMENTS, RELATED PRODUCTS. . .	1.3	.6	.6	.1	.1	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES. . .	.1	.1	.1	-	-	-	-	-	-

See footnotes at end of table.

TABLE 6C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Water Use Regions and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group ¹	Water discharged—Continued						
		Untreated, by last use						Boiler feed and other uses
		Total	Process	Cooling and condensing			Sanitary service	
				Steam electric power generation	Air conditioning	Other		
	ARKANSAS, WHITE AND RED—CON.							
29	PETROLEUM AND COAL PRODUCTS. . .	2.2	0.7	-	-	1.2	-	0.3
30	RUBBER, MISC. PLASTICS PROD. . .	1.5	.2	-	(D)	.9	(D)	.1
32	STONE, CLAY, GLASS PRODUCTS. . .	1.0	.5	(D)	-	1.1	0.1	(D)
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	(D)	-	(D)	-	-
34	FABRICATED METAL PRODUCTS. . .	.7	.2	-	-	.3	.1	.1
35	MACHINERY, EXCEPT ELECTRICAL. .	1.0	(D)	-	(D)	.5	.4	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	.7	.2	-	-	.2	.3	.1
37	TRANSPORTATION EQUIPMENT. . .	.0	.3	-	0.1	.2	.2	-
	TEXAS GULF	383.5	22.5	43.0	13.4	290.8	2.9	11.2
20	FOOD AND KINDRED PRODUCTS. . .	13.9	4.7	.2	.2	7.8	.6	.4
22	TEXTILE MILL PRODUCTS. . .	.2	.1	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS. . .	.5	.3	-	-	.2	-	.1
26	PAPER AND ALLIED PRODUCTS. . .	1.1	.1	-	-	(D)	-	(D)
28	CHEMICALS AND ALLIED PRODUCTS. .	180.3	10.7	(D)	.5	157.0	(D)	5.1
29	PETROLEUM AND COAL PRODUCTS. .	(D)	(D)	(D)	-	(D)	(D)	(D)
30	RUBBER, MISC. PLASTICS PROD. . .	.9	.2	-	-	(D)	(D)	.1
32	STONE, CLAY, GLASS PRODUCTS. . .	3.2	2.4	(D)	-	.5	(D)	.1
34	FABRICATED METAL PRODUCTS. . .	.5	.2	-	-	-	.2	.1
35	MACHINERY, EXCEPT ELECTRICAL. .	1.7	.4	-	(D)	.7	.3	(D)
36	ELECTRIC, ELECTRONIC EQUIP. . .	.4	.1	-	-	-	.3	-
37	TRANSPORTATION EQUIPMENT. . .	13.9	(D)	-	(D)	(D)	.2	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	.1	-	-	-	-	-	-
	RIO GRANDE	(D)	(D)	-	-	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	.9	(D)	-	-	.4	(D)	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	-	-	(D)	-	-
	UPPER COLORADO . . . . .	.5	.1	-	-	.2	-	.1
	LOWER COLORADO	10.9	5.0	.1	.4	4.6	.7	.2
20	FOOD AND KINDRED PRODUCTS. . .	1.0	.2	-	-	(D)	(D)	-
28	CHEMICALS AND ALLIED PRODUCTS. .	2.4	(D)	-	-	1.7	(D)	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	-	-	(D)	-	-
33	PRIMARY METAL INDUSTRIES. . .	3.8	1.6	-	(D)	1.9	(D)	-
35	MACHINERY, EXCEPT ELECTRICAL. .	.2	-	-	-	(D)	(D)	-
36	ELECTRIC, ELECTRONIC EQUIP. . .	(D)	-	-	(D)	(D)	(D)	-
	GREAT BASIN.	15.8	7.2	(D)	-	6.9	(D)	.6
20	FOOD AND KINDRED PRODUCTS. . .	2.0	(D)	-	-	(D)	-	.1
28	CHEMICALS AND ALLIED PRODUCTS. .	(D)	(D)	-	-	(D)	-	(D)
29	PETROLEUM AND COAL PRODUCTS. . .	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	(D)	(D)	-	-	(D)	(D)	-
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	(D)	-	(D)	-	(D)
35	MACHINERY, EXCEPT ELECTRICAL. .	.1	(D)	-	-	-	(D)	-
	COLUMBIA - NORTH PACIFIC	242.7	126.0	19.5	.6	78.4	3.5	14.5
20	FOOD AND KINDRED PRODUCTS. . .	22.6	6.8	.3	-	13.2	.8	1.5
24	LUMBER AND WOOD PRODUCTS. . .	36.0	9.3	17.1	-	3.1	.4	6.1
26	PAPER AND ALLIED PRODUCTS. . .	105.2	66.1	(D)	(D)	11.0	.6	5.3
28	CHEMICALS AND ALLIED PRODUCTS. .	41.2	11.5	-	-	28.8	(D)	(D)
29	PETROLEUM AND COAL PRODUCTS. .	.1	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	3.7	.4	-	-	3.2	.1	-
33	PRIMARY METAL INDUSTRIES. . .	29.9	11.0	-	(D)	17.3	(D)	1.0
34	FABRICATED METAL PRODUCTS. . .	.5	.2	(D)	.1	(D)	-	-
35	MACHINERY, EXCEPT ELECTRICAL. .	.2	-	-	-	.1	.1	-
37	TRANSPORTATION EQUIPMENT. . .	(D)	(D)	-	(D)	(D)	.5	(D)
38	INSTRUMENTS, RELATED PRODUCTS. .	(D)	(D)	-	-	-	-	-
	CALIFORNIA - SOUTH PACIFIC . . .	238.9	75.1	17.7	1.5	130.0	8.1	6.3
20	FOOD AND KINDRED PRODUCTS. . .	111.9	11.8	(D)	(D)	94.5	2.6	1.8
22	TEXTILE MILL PRODUCTS. . .	.8	.6	-	-	-	.1	.1
24	LUMBER AND WOOD PRODUCTS. . .	29.1	(D)	(D)	-	(D)	(D)	(D)
26	PAPER AND ALLIED PRODUCTS. . .	33.1	20.3	10.3	.1	1.6	.1	.7
28	CHEMICALS AND ALLIED PRODUCTS. .	5.6	2.9	-	-	2.2	.2	.3
29	PETROLEUM AND COAL PRODUCTS. .	27.6	(D)	-	-	(D)	1.0	.5
30	RUBBER, MISC. PLASTICS PROD. . .	1.7	(D)	-	(D)	1.2	.1	-
31	LEATHER AND LEATHER PRODUCTS. .	-	-	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	13.4	(D)	-	.1	(D)	.2	.4
33	PRIMARY METAL INDUSTRIES. . .	(D)	(D)	-	-	(D)	(D)	(D)
34	FABRICATED METAL PRODUCTS. . .	(D)	(D)	-	-	(D)	(D)	(D)
35	MACHINERY, EXCEPT ELECTRICAL. .	2.1	.3	-	.4	1.0	.2	.3
36	ELECTRIC, ELECTRONIC EQUIP. . .	1.7	.6	-	.1	.2	.7	.1
37	TRANSPORTATION EQUIPMENT. . .	8.0	1.8	-	.5	2.9	1.9	.9
38	INSTRUMENTS, RELATED PRODUCTS. .	.5	.1	-	-	.1	.1	-
39	MISC. MANUFACTURING INDUSTRIES. .	.1	-	-	-	-	-	-

See footnotes at end of table.

TABLE 6C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Water Use Regions and Major Industry Groups: 1973—Continued

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Gross water used, including recirculated	Water intake	Water discharged							
				Total	Treated, by last use						
					Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
							Steam electric power generation	Air conditioning	Other		
	ALASKA	283.2	32.1	31.4	(D)	(D)	(D)	-	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	-	(D)
	HAWAII	106.3	56.0	50.3	(D)	(D)	(D)	-	(D)	-	(D)
20	FOOD AND KINDRED PRODUCTS. . .	65.2	53.5	48.7	(D)	(D)	(D)	-	(D)	-	(D)

Note: Detailed figures may not add to totals because of independent rounding. Figures for Water Use Regions include data for all 2-digit major industry groups whether or not separate figures are shown for individual major groups.

TABLE 6C. Gross Water Used, Including Recirculated, Total Water Intake, and Treated and Untreated Water Discharged, by Last Use, for Water Use Regions and Major Industry Groups: 1973—Con.

(Billion gallons)

SIC code	Water Use Region (WUR) and major industry group	Water discharged—Continued						
		Untreated, by last use						
		Total	Process	Cooling and condensing			Sanitary service	Boiler feed and other uses
Steam electric power generation	Air condition- ing			Other				
20 26	ALASKA	(D)	(D)	-	-	-	-	-
	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	-	-	-	-	-
	PAPER AND ALLIED PRODUCTS. . .	(D)	(D)	-	-	-	-	-
	HAWAII	(D)	(D)	(D)	-	(D)	(D)	(D)
20	FOOD AND KINDRED PRODUCTS. . .	(D)	(D)	(D)	-	(D)	(D)	(D)

- Represents less than .05. (D) Withheld to avoid disclosing operations of individual companies.

¹See text and maps for definitions.

TABLE 7. Number of Establishments Reporting Treatment of Intake Water, for Industry Groups and Selected Industries: 1973

SIC code	Industry group and industry	Water intake treated (billion gallons)	Number of establishments treating intake water, by method of treatment									
			Total ¹	Physical treatment	Coagulation	Softening	Ion exchange	Neutralization (pH control)	Aeration	Filtration	Chlorination	Other
	ALL INDUSTRIES, TOTAL ² . . .	7376.3	5549	988	872	3290	1680	1425	362	1452	2005	614
20	FOOD AND KINDRED PRODUCTS. . .	226.8	1378	163	162	762	194	240	82	338	721	106
201	MEAT PRODUCTS.	43.4	276	40	8	142	27	26	19	42	148	31
2011	MEATPACKING PLANTS	32.3	143	22	4	83	21	15	10	15	71	22
2013	SAUSAGES AND OTHER PREPARED MEATS.	1.0	28	3	-	20	3	2	-	2	6	4
2016	POULTRY DRESSING PLANTS.	9.1	90	14	4	31	3	8	8	21	61	5
2017	POULTRY AND EGG PROCESSING	1.0	15	1	-	8	-	1	1	4	10	-
202	DAIRY PRODUCTS	7.1	205	6	5	133	48	48	9	35	67	10
2021	CHEESE, NATURAL AND PROCESSED.	(D)	11	-	-	6	3	3	-	-	1	1
2022	CONDENSED AND EVAPORATED MILK.	1.4	29	-	-	19	5	4	1	-	7	3
2023	ICE CREAM AND FROZEN DESSERTS.	1.6	34	2	-	21	5	6	-	7	15	3
2024	FLUID MILK	(D)	15	-	-	11	4	6	1	1	2	1
2026	PRESERVED FRUITS AND VEGETABLES.	3.5	116	4	2	76	28	29	7	22	42	2
203	CANNED SPECIALTIES	57.9	335	24	9	176	15	19	7	39	261	19
2032	CANNED FRUITS AND VEGETABLES	11.3	24	3	1	11	-	1	2	7	16	4
2033	DEHYD. FRUITS, VEGETABLES, SOUPS	18.2	188	14	6	97	4	8	2	19	156	10
2034	PICKLES, SAUCES, SALAD DRESSINGS	2.7	20	-	-	14	2	2	-	1	15	-
2035	FROZEN FRUITS AND VEGETABLES . . . . .	.3	12	-	-	9	2	-	-	-	4	-
2037	FROZEN SPECIALTIES	22.9	73	4	-	34	5	6	3	8	63	2
2038	GRAIN MILL PRODUCTS.	2.5	18	2	2	11	2	2	-	4	7	3
204	FLOUR, OTHER GRAIN MILL PRODUCTS	21.3	54	8	7	36	15	14	6	11	22	2
2041	CEREAL BREAKFAST FOODS	(D)	6	2	1	3	1	4	3	1	2	-
2043	RICE MILLING	2.9	9	-	-	6	2	1	1	2	3	-
2044	BLENDED AND PREPARED FLOUR	(D)	1	-	-	1	-	-	-	-	-	-
2045	WET CORN MILLING	-	3	-	1	2	1	3	-	-	-	-
2046	DOG, CAT, AND OTHER PET FOOD	15.1	16	3	5	14	7	4	1	7	9	1
2047	PREPARED FEEDS, NEC.	1.0	13	-	-	9	2	-	-	-	7	-
2048	BAKERY PRODUCTS.	(D)	4	1	-	1	2	2	1	1	1	1
205	BREAD, CAKE, AND RELATED PRODUCTS.	1.2	20	-	-	18	2	9	4	1	2	4
2051	COOKIES AND CRACKERS . . . . .	.1	7	-	-	6	-	3	-	-	1	2
2052	SUGAR, CONFECTIONERY PRODUCTS.	1.1	13	-	-	12	2	6	4	1	1	2
206	RAW CANE SUGAR	46.7	82	23	13	47	14	22	7	19	31	7
2061	CANE SUGAR REFINING.	8.2	11	5	5	3	6	3	3	6	8	1
2062	BET SUGAR	18.7	16	8	7	15	6	6	1	6	8	1
2063	CONFECTIONERY PRODUCTS	13.8	23	10	-	7	2	-	-	3	7	2
2065	CHOCOLATE AND COCOA PRODUCTS	(D)	9	-	-	14	2	8	2	3	4	2
2066	CHEWING GUM.	(D)	1	-	-	7	2	2	1	1	4	1
2067	FATS AND OILS.	(D)	1	-	1	1	-	-	-	-	-	-
207	COTTONSEED OIL MILLS	13.8	102	7	5	79	28	20	10	13	10	8
2074	SOYBEAN OIL MILLS.	(D)	8	-	-	6	2	1	-	-	-	-
2075	VEGETABLE OIL MILLS, NEC.	7.7	40	2	2	33	13	13	10	5	5	4
2076	ANIMAL AND MARINE FATS AND OILS.	(D)	6	1	-	4	-	1	-	-	1	2
2077	SHORTENING AND COOKING OILS. . . . .	.9	24	3	1	20	1	3	-	2	1	1
2079	BEVERAGES.	3.3	24	1	2	16	12	2	-	6	3	1
208	MALT BEVERAGES	30.5	241	51	112	100	39	77	17	169	149	24
2082	MALT	16.7	61	5	2	38	14	28	4	38	23	15
2083	WINES, BRANDY, AND BRANDY SPIRITS.	2.7	10	1	-	1	-	-	-	-	8	-
2084	DISTILLED LIQUOR, EXCEPT BRANDY. . . . .	.2	9	-	-	7	2	1	-	-	2	-
2085	BOTTLED AND CANNED SOFT DRINKS	6.5	21	3	3	12	15	3	-	6	6	3
2086	FLAVORING EXTRACTS, SIRUPS, NEC.	3.9	129	39	99	38	7	43	12	115	101	6
2087	MISC. FOODS, KINDRED PRODUCTS. . . . .	.5	11	3	8	4	1	2	1	10	9	-
209	CANNED AND CURED SEAFOODS.	5.8	63	4	3	31	6	5	3	9	31	3
2091	FRESH OR FROZEN PACKAGED FISH.	(D)	6	-	-	-	-	-	-	-	6	-
2092	ROASTED COFFEE . . . . .	.8	9	1	-	8	1	1	-	1	1	1
2095	MANUFACTURED ICE . . . . .	.9	10	-	-	3	1	1	1	1	1	2
2097	MACARONI AND SPAGHETTI . . . . .	.3	9	1	2	3	1	1	-	-	1	-
2098	FOOD PREPARATIONS, NEC.	(D)	3	1	-	2	1	1	-	-	1	-
2099	TOBACCO PRODUCTS	(D)	26	1	1	17	3	2	1	2	13	-
21	CIGARETTES	1.5	17	1	5	13	3	7	2	2	3	4
2111	CIGARS . . . . .	.8	11	-	-	11	1	3	1	-	1	4
2121	TOBACCO STEMMING AND REDRYING.	(D)	3	-	3	1	1	3	1	1	-	-
2141	TEXTILE MILL PRODUCTS.	(D)	3	1	2	1	1	1	-	1	2	-
22	WEAVING MILLS, COTTON.	92.8	381	85	89	241	51	126	30	125	128	42
2211	WEAVING MILLS, MANMADE FIBER, SILK.	9.1	51	20	21	3	30	7	22	31	6	6
2221	WEAVING AND FINISHING MILLS, WOOL.	13.9	51	5	6	33	6	19	2	12	14	16
2231	NARROW FABRIC MILLS.	2.6	12	2	3	4	-	1	1	7	5	-
2241	KNITTING MILLS. . . . .	.1	3	-	-	3	-	1	-	-	-	-
225	WOMEN'S HOSIERY, EXCEPT SOCKS.	11.5	72	6	7	55	9	14	10	17	9	7
2251	HOSIERY, NEC.	1.1	13	-	-	13	3	2	-	1	2	1
2252	KNIT OUTERWEAR MILLS . . . . .	.2	9	-	-	9	1	1	-	1	1	-
2253	KNIT UNDERWEAR MILLS	(D)	5	1	1	5	1	1	-	3	-	-
2254	CIRCULAR KNIT FABRIC MILLS	(D)	2	1	1	1	-	1	-	1	1	-
2257	WARP KNIT FABRIC MILLS	6.3	28	3	4	18	4	7	4	8	4	5
2258	TEXTILE FINISHING, EXCEPT WOOL	3.1	15	1	1	9	3	1	4	4	1	1
226	FINISHING PLANTS, COTTON	33.8	73	27	27	43	16	20	6	38	26	6
2261	FINISH, PLTS, MANMADE FIBER, SILK.	16.6	25	13	14	5	10	4	18	11	3	3
2262	FINISHING PLANTS, NEC.	14.5	24	10	11	7	6	-	13	11	2	2
2269	FLOOR COVERING MILLS	2.8	24	4	2	18	4	4	2	7	4	1
227	WOVEN CARPETS AND RUGS	8.3	27	6	6	23	2	8	1	6	9	-
2271	TUFTED CARPETS AND RUGS.	(D)	3	1	-	2	-	1	-	2	2	-
2272	CARPETS AND RUGS, NEC.	7.6	22	5	6	19	2	6	1	4	7	-
2279	YARN AND THREAD MILLS.	(D)	2	-	-	2	-	1	-	-	-	-
228	YARN MILLS, EXCEPT WOOL.	11.3	61	14	11	40	8	22	3	14	27	4
2281	THROWING AND WINDING MILLS	3.4	33	8	5	22	4	13	2	9	16	-
2282	WOOL YARN MILLS.	2.8	10	1	2	7	3	3	-	2	4	1
2283	THREAD MILLS . . . . .	.5	4	1	-	3	1	1	1	1	2	1
2284	MISCELLANEOUS TEXTILE GOODS.	4.6	14	4	4	8	-	5	-	2	5	2
229	FELT GOODS, EXC. WOVEN FELT, HATS.	2.3	31	5	9	19	7	11	-	9	7	3
2291	LACE GOODS . . . . .	.3	3	1	1	2	1	-	-	1	-	-
2292	PADDINGS AND UPHOLSTERY FILLING.	(D)	1	-	-	1	-	-	-	-	-	-
2293	See footnotes at end of table.	(D)	1	-	-	1	-	-	-	-	-	-

See footnotes at end of table.

TABLE 7. Number of Establishments Reporting Treatment of Intake Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Water intake treated (billion gallons)	Number of establishments treating intake water, by method of treatment									
			Total ¹	Physical treatment	Coagulation	Softening	Ion exchange	Neutralization (pH control)	Aeration	Filtration	Chlorination	Other
22	TEXTILE MILL PRODUCTS--CON.											
229	MISC. TEXTILE GOODS--CON.											
2294	PROCESSED TEXTILE WASTE.	(D)	2	-	-	2	-	-	-	-	-	-
2295	COATED FABRICS, NOT RUBBERIZED.	0.5	9	1	1	4	2	3	-	2	2	-
2296	TIRE CORD AND FABRIC. . . . .	.2	5	1	3	2	-	4	-	2	2	2
2297	NONWOVEN FABRICS.	(D)	2	1	1	1	-	1	-	2	1	-
2298	CORDAGE AND TWINE.	(D)	2	-	-	2	1	1	-	-	-	-
2299	TEXTILE GOODS, NEC. . . . .	.2	6	1	2	5	3	2	-	2	2	1
24	LUMBER AND WOOD PRODUCTS.	39.2	126	18	8	79	20	50	7	20	30	10
2411	LOGGING CAMPS, LOG CONTRACTORS.	(D)	1	1	-	-	-	-	-	-	1	-
242	SAWMILLS AND PLANING MILLS.	31.0	51	10	4	27	10	17	4	15	12	5
2421	SAWMILLS, PLANING MILLS, GENERAL.	31.0	48	10	4	24	10	16	3	14	12	5
2426	HARDWOOD DIMENSION AND FLOORING.	(D)	1	-	-	1	-	1	1	1	-	-
2429	SPECIAL PRODUCT SAWMILLS, NEC.	(D)	2	-	-	2	-	-	-	-	-	-
243	MILLWORK, PLYWOOD, STRUC. MEMBS.	(D)	37	4	1	30	4	20	2	3	6	1
2431	MILLWORK.	(D)	6	-	1	5	1	1	-	-	1	-
2434	WOOD KITCHEN CABINETS.	(D)	1	-	-	1	-	-	-	-	-	1
2435	HARDWOOD VENEER AND PLYWOOD.	(D)	1	-	-	1	-	-	-	-	-	-
2436	SOFTWOOD VENEER AND PLYWOOD.	(D)	29	4	-	23	3	19	2	3	5	-
244	WOOD CONTAINERS.	(D)	3	-	-	2	-	1	-	-	-	1
2441	NAILED WOOD BOXES AND SHOOK.	(D)	1	-	-	-	-	1	-	-	-	-
2449	WOOD CONTAINERS, NEC.	(D)	2	-	-	2	-	-	-	-	-	1
249	MISCELLANEOUS WOOD PRODUCTS.	6.2	34	3	3	20	6	12	1	2	11	3
2491	WOOD PRESERVING. . . . .	.1	4	2	1	3	1	2	-	-	-	-
2492	PARTICLEBOARD. . . . .	.5	11	-	-	7	2	3	-	1	4	1
2499	WOOD PRODUCTS, NEC.	5.6	19	1	2	10	3	7	1	1	7	2
25	FURNITURE AND FIXTURES. . . . .	.3	15	1	1	14	4	5	2	1	2	3
251	HOUSEHOLD FURNITURE.	(D)	6	1	1	6	2	3	-	1	-	2
2511	WOOD HOUSEHOLD FURNITURE.	-	3	1	1	3	1	2	-	1	-	1
2514	METAL HOUSEHOLD FURNITURE.	(D)	2	-	-	2	1	1	-	-	-	-
2517	WOOD TV AND RADIO CABINETS.	(D)	1	-	-	1	-	-	-	-	-	1
2522	METAL OFFICE FURNITURE.	(D)	5	-	-	4	-	1	1	-	1	1
2531	PUBLIC BLDG., RELATED FURNITURE.	(D)	2	-	-	2	2	1	1	-	1	-
2542	METAL PARTITIONS AND FIXTURES.	(D)	1	-	-	1	-	-	-	-	-	-
2591	DRAPEY HARDWARE, BLINDS, SHADES.	(D)	1	-	-	1	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.	1503.6	530	216	191	242	156	140	25	237	253	51
2611	PULPMILLS.	202.4	26	14	14	11	8	10	3	16	14	1
2621	PAPERMILLS, EXCEPT BUILDING PAPER.	809.1	221	126	110	75	62	59	10	139	143	12
2631	PAPERBOARD MILLS.	444.8	174	56	45	87	67	35	8	57	71	18
264	MISC. CONVERTED PAPER PRODUCTS.	34.4	53	8	7	29	9	23	3	14	12	13
2641	PAPER COATING AND GLAZING.	21.4	20	4	3	15	7	10	3	5	5	3
2643	BAGS, EXCEPT TEXTILE BAGS.	(D)	8	-	1	4	2	3	-	2	1	3
2645	DIE-CUT PAPER AND BOARD.	(D)	2	-	-	1	-	-	-	1	-	-
2646	PRESSED AND MOLED PULP GOODS.	3.3	14	3	-	4	-	3	-	3	3	6
2647	SANITARY PAPER PRODUCTS.	1.1	7	1	3	4	-	6	-	2	3	1
2648	STATIONERY PRODUCTS.	(D)	1	-	-	1	-	1	-	-	-	-
2649	CONVERTED PAPER PRODUCTS, NEC.	(D)	1	-	-	-	-	-	-	1	-	-
265	PAPERBOARD CONTAINERS AND BOXES.	2.6	22	5	2	16	5	8	-	3	5	5
2651	FOLDING PAPERBOARD BOXES.	(D)	4	2	1	4	1	1	-	1	2	-
2653	CORRUGATED AND SOLID FIBER BOXES.	(D)	9	2	1	6	1	3	-	-	-	1
2654	SANITARY FOOD CONTAINERS.	2.3	8	1	-	7	3	4	-	1	3	4
2655	FIBER CANS, DRUMS, SIMILAR PRODS.	(D)	1	-	-	1	-	-	-	1	-	-
2661	BUILDING PAPER AND BOARD MILLS.	10.4	34	7	3	22	5	5	1	8	8	2
28	CHEMICALS AND ALLIED PRODUCTS.	2052.9	909	176	191	607	469	262	82	271	305	134
281	INDUSTRIAL INORGANIC CHEMICALS.	344.2	232	43	39	144	100	67	20	56	66	37
2812	ALKALIES AND CHLORINE.	203.0	24	11	6	14	15	5	-	9	13	2
2813	INDUSTRIAL GASES.	66.1	39	6	2	15	6	21	5	7	9	13
2816	INORGANIC PIGMENTS.	31.1	23	8	9	17	11	8	5	12	10	2
2819	INDUSTRIAL INORGANIC CHEM., NEC.	43.1	146	18	22	98	68	33	10	28	34	20
282	PLASTICS MATERIALS, SYNTHETICS.	321.1	146	44	52	96	90	59	13	62	68	20
2821	PLASTICS MATERIALS AND RESINS.	136.2	91	17	22	57	49	31	10	37	31	14
2822	SYNTHETIC RUBBER.	(D)	16	3	5	12	10	7	2	6	9	2
2823	CELLULOSIC MANMADE FIBERS.	(D)	10	8	8	5	7	7	1	6	9	-
2824	ORGANIC FIBERS, NONCELLULOSIC.	121.0	29	16	17	22	24	14	-	13	19	4
283	DRUGS.	26.1	71	8	5	43	41	6	2	22	29	10
2831	BIOLOGICAL PRODUCTS. . . . .	.4	8	1	-	4	5	1	1	3	2	1
2833	MEDICINALS AND BOTANICALS.	3.7	10	2	1	6	4	1	-	2	3	1
2834	PHARMACEUTICAL PREPARATIONS.	22.0	53	5	4	33	32	4	1	17	24	8
284	SOAPS, CLEANERS, TOILET GOODS.	6.1	68	3	-	51	45	8	1	5	6	8
2841	SOAP AND OTHER DETERGENTS.	4.8	27	2	-	19	19	3	1	4	3	3
2842	POLISHES AND SANITATION GOODS. . . . .	.1	16	-	-	13	10	3	-	1	1	-
2843	SURFACE ACTIVE AGENTS.	1.0	10	-	-	9	4	1	-	-	1	1
2844	TOILET PREPARATIONS. . . . .	.2	15	1	-	10	12	1	-	-	1	4
2851	PAINTS AND ALLIED PRODUCTS.	1.5	15	3	1	10	7	5	2	3	1	2
286	INDUSTRIAL ORGANIC CHEMICALS.	1241.7	218	53	64	145	112	74	24	78	81	34
2861	GUM AND WOOD CHEMICALS.	1.9	9	2	1	6	3	6	2	4	2	1
2865	CYCLIC CRUDES AND INTERMEDIATES.	24.5	49	13	15	31	21	14	3	20	13	6
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC.	1215.3	160	36	48	108	88	54	19	54	66	27
287	AGRICULTURAL CHEMICALS.	82.9	95	14	22	71	55	29	11	28	32	14
2873	NITROGENOUS FERTILIZERS.	42.2	45	8	15	30	37	15	7	20	22	7
2874	PHOSPHATIC FERTILIZERS.	15.1	38	4	4	32	13	11	3	6	5	4
2875	FERTILIZERS, MIXING ONLY.	(D)	1	-	-	1	-	-	-	-	1	-
2879	AGRICULTURAL CHEMICALS, NEC.	(D)	11	2	3	8	5	3	1	2	4	3

See footnotes at end of table.

TABLE 7. Number of Establishments Reporting Treatment of Intake Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Water intake treated (billion gallons)	Number of establishments treating intake water, by method of treatment									
			Total ¹	Physical treatment	Coagulation	Softening	Ion exchange	Neutralization (pH control)	Aeration	Filtration	Chlorination	Other
28	CHEMICALS, ALLIED PROD.--CON.											
289	MISCELLANEOUS CHEMICAL PRODUCTS.	29.2	64	8	8	47	19	14	9	17	22	9
2891	ADHESIVES AND SEALANTS . . . . .	.3	8	-	-	7	1	2	-	4	-	2
2892	EXPLOSIVES	17.0	12	4	5	8	4	4	3	7	10	1
2893	PRINTING INK	(D)	1	-	-	-	-	1	-	-	-	-
2895	CARBON BLACK	(D)	10	-	-	5	4	-	-	-	2	-
2899	CHEMICAL PREPARATIONS, NEC	11.8	33	4	3	27	10	7	6	6	10	6
29	PETROLEUM AND COAL PRODUCTS. .	485.2	220	55	59	166	124	94	13	90	67	27
2911	PETROLEUM REFINING	484.3	191	48	58	149	118	87	11	86	64	26
295	PAVING AND ROOFING MATERIALS . .	.8	20	6	1	10	3	5	1	3	3	1
2951	PAVING MIXTURES AND BLOCKS . . . .	.4	4	4	-	-	-	-	-	-	-	-
2952	ASPHALT FELTS AND COATINGS . . . .	.4	16	2	1	10	3	5	1	3	3	1
2992	LUBRICATING OILS AND GREASES . . . .	.1	9	1	-	7	3	2	1	1	-	-
30	RUBBER, MISC. PLASTICS PROD. .	39.6	199	28	14	131	66	69	19	52	40	19
3011	TIRES AND INNER TUBES.	11.4	41	8	3	34	18	14	11	16	8	1
3021	RUBBER AND PLASTICS FOOTWEAR . . .	(D)	5	-	-	1	2	2	-	1	-	1
3031	RECLAIMED RUBBER	(D)	1	1	-	1	1	1	-	1	-	-
3041	RUBBER, PLASTICS HOSE AND BELTING .	(D)	8	-	-	3	3	3	-	2	3	2
3069	FABRICATED RUBBER PRODUCTS, NEC. .	5.5	49	4	1	38	9	11	3	6	4	7
3079	MISCELLANEOUS PLASTICS PRODUCTS. .	22.1	95	15	10	54	33	38	5	26	25	8
31	LEATHER AND LEATHER PRODUCTS .	.8	18	5	-	6	5	2	2	2	1	1
3111	LEATHER TANNING AND FINISHING. . .	(D)	17	5	-	6	4	2	2	2	1	1
3144	WOMEN'S FOOTWEAR, EXCEPT ATHLETIC.	(D)	1	-	-	-	1	-	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. .	50.3	266	36	25	147	66	41	11	39	80	21
3211	FLAT GLASS	8.9	12	1	4	6	5	2	-	5	2	3
322	GLASS, PRESSED OR BLOWN.	6.7	72	3	5	62	31	12	4	6	11	5
3221	GLASS CONTAINERS	2.2	40	2	3	36	23	7	3	5	3	-
3229	PRESSED AND BLOWN GLASS, NEC	4.5	32	1	2	26	8	5	1	1	8	5
3231	PRODUCTS OF PURCHASED GLASS.	1.4	13	4	2	6	5	-	-	4	3	1
3241	CEMENT, HYDRAULIC.	13.6	51	15	7	12	4	5	3	7	32	4
325	STRUCTURAL CLAY PRODUCTS	(D)	2	1	1	2	-	1	-	-	-	-
3253	CERAMIC WALL AND FLOOR TILE.	(D)	1	1	1	1	-	1	-	-	-	-
3255	CLAY REFRACTORIES.	(D)	1	-	-	-	-	-	-	-	-	-
326	POTTERY AND RELATED PRODUCTS . . . .	.6	13	1	-	5	5	4	-	1	-	2
3261	VITREOUS PLUMBING FIXTURES	(D)	6	1	-	1	3	1	-	-	-	2
3262	VITREOUS CHINA FOOD UTENSILS	(D)	3	-	-	1	-	1	-	1	-	-
3264	PORCELAIN ELECTRICAL SUPPLIES. . . .	.1	4	-	-	3	2	2	-	-	-	-
327	CONCRETE, GYPSUM, PLASTER PRODS.	2.1	35	5	2	13	1	6	2	4	17	-
3271	CONCRETE BLOCK AND BRICK	(D)	1	-	-	1	-	1	-	-	-	-
3272	CONCRETE PRODUCTS, NEC	(D)	5	-	2	5	-	3	-	-	-	-
3273	READY-MIXED CONCRETE	-	4	1	-	3	-	1	1	1	-	-
3274	LIME	1.6	7	1	-	-	1	-	-	-	5	-
3275	GYPSUM PRODUCTS. . . . .	.6	18	3	-	4	-	1	1	3	12	-
3281	CUT STONE AND STONE PRODUCTS	(D)	1	-	-	-	-	-	-	1	-	-
329	MISC. NONMETALLIC MINERAL PRODS.	17.0	67	6	4	41	15	11	2	11	15	6
3291	ABRASIVE PRODUCTS.	(D)	7	1	-	3	2	1	-	1	1	2
3292	ASBESTOS PRODUCTS. . . . .	.0	21	2	2	13	3	6	-	2	5	-
3293	GASKETS, PACKING, SEALING DEVICES. .	.2	5	1	1	3	1	2	-	1	4	-
3295	MINERALS, GROUND OR TREATED.	(D)	7	2	1	3	2	-	1	2	4	1
3296	MINERAL WOOL . . . . .	.9	22	-	-	15	6	1	-	4	2	3
3297	NONCLAY REFRACTORIES	(D)	1	-	-	1	1	1	-	-	-	-
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	(D)	4	-	-	3	-	-	1	1	2	-
33	PRIMARY METAL INDUSTRIES	2736.7	414	108	67	227	93	99	26	91	147	48
331	BLAST FURNACE, BASIC STEEL PROD.	2367.1	186	68	40	114	31	49	16	49	53	23
3312	BLAST FURNACES AND STEEL MILLS . . .	2352.9	132	61	34	84	28	36	14	38	41	15
3313	ELECTROMETALLURGICAL PRODUCTS. . .	(D)	13	2	-	6	-	1	-	4	8	1
3315	STEEL WIRE AND RELATED PRODUCTS. . .	(D)	15	1	1	5	1	4	1	2	3	6
3316	COLD FINISHING OF STEEL SHAPES . . .	(D)	17	1	2	12	1	5	-	3	1	1
3317	STEEL PIPE AND TUBES	(D)	9	3	1	7	1	3	1	2	-	-
332	IRON AND STEEL FOUNDRIES	8.0	34	6	2	15	7	7	1	6	11	4
3321	GRAY IRON FOUNDRIES.	7.8	24	6	2	9	4	6	1	6	10	1
3322	MALLEABLE IRON FOUNDRIES	-	3	-	-	3	1	1	-	-	-	-
3325	STEEL FOUNDRIES, NEC . . . . .	.2	7	-	-	3	2	-	-	-	1	3
333	PRIMARY NONFERROUS METALS.	320.4	55	19	16	24	11	12	4	16	38	6
3331	PRIMARY COPPER	14.1	14	4	1	8	1	1	1	1	8	2
3332	PRIMARY LEAD . . . . .	.9	5	2	-	2	-	1	-	-	2	-
3333	PRIMARY ZINC	(D)	4	1	1	1	1	1	1	1	3	-
3334	PRIMARY ALUMINUM	(D)	23	9	12	8	5	9	2	11	20	3
3339	PRIMARY NONFERROUS METALS, NEC . . .	(D)	9	3	2	5	4	-	-	3	5	1
3341	SECONDARY NONFERROUS METALS. . . . .	.3	7	-	1	2	2	-	2	2	4	-
335	NONFERROUS ROLLING AND DRAWING . . .	37.8	108	14	8	61	33	29	3	17	33	13
3351	COPPER ROLLING AND DRAWING	15.2	27	7	2	15	3	4	-	5	7	4
3353	ALUMINUM SHEET, PLATE, AND FOIL. . .	17.8	14	3	3	4	9	3	1	2	10	3
3354	ALUMINUM EXTRUDED PRODUCTS	(D)	10	-	-	3	6	2	1	-	3	-
3355	ALUMINUM ROLLING AND DRAWING, NEC.	(D)	2	-	-	2	-	-	-	-	-	-
3356	NONFERROUS ROLLING & DRAWING, NEC.	1.2	8	3	2	6	4	5	-	4	2	1
3357	NONFERROUS WIREDRAWING, INSULATING.	2.9	47	1	1	31	11	15	1	6	11	5
336	NONFERROUS FOUNDRIES	2.5	14	-	-	9	5	1	-	-	4	2
3361	ALUMINUM FOUNDRIES	(D)	9	-	-	6	2	1	-	-	3	1
3362	BRASS, BRONZE, COPPER FOUNDRIES. .	(D)	1	-	-	-	-	-	-	-	-	1
3369	NONFERROUS FOUNDRIES, NEC.	(D)	4	-	-	3	3	-	-	-	1	-
339	MISC. PRIMARY METAL PRODUCTS . . .	.5	10	1	-	2	4	1	-	1	4	-
3398	METAL HEAT TREATING.	(D)	5	1	-	1	2	-	-	1	2	-
3399	PRIMARY METAL PRODUCTS, NEC.	(D)	5	-	-	1	2	1	-	-	2	-

See footnotes at end of table.

TABLE 7. Number of Establishments Reporting Treatment of Intake Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Water intake treated (billion gallons)	Number of establishments treating intake water, by method of treatment									
			Total ¹	Physical treatment	Coagulation	Softening	Ion exchange	Neutralization (pH control)	Aeration	Filtration	Chlorination	Other
34	FABRICATED METAL PRODUCTS. . .	23.5	268	22	20	172	86	69	20	31	52	32
341	METAL CANS, SHIPPING CONTAINERS. (D)		10	-	-	5	1	3	3	2	1	3
3411	METAL CANS. (D)		9	-	-	5	1	3	2	1	-	2
3412	METAL BARRELS, DRUMS, AND PAILS. (D)		1	-	-	-	-	-	1	1	1	1
342	CUTLERY, HANDTOOLS AND HARDWARE. . .	1.3	29	1	1	17	9	8	1	4	3	3
3421	CUTLERY. (D)		1	-	1	-	-	-	-	1	1	-
3423	HAND AND EDGE TOOLS, NEC. (D)		4	-	-	4	1	2	-	1	-	-
3429	HARDWARE, NEC. (D)		1.1	24	1	-	13	8	6	1	2	3
343	PLUMBING, HEATING, EXCEPT ELEC. . .	.7	12	1	1	10	4	3	1	-	1	1
3431	METAL SANITARY WARE. (D)		3	1	-	2	1	1	1	-	-	-
3432	PLUMBING FITTINGS AND BRASS GOODS. (D)		5	-	-	5	2	2	-	-	1	-
3433	HEATING EQUIPMENT, EXC. ELECTRIC. (D)		4	-	1	3	1	-	-	-	-	1
344	FABRICATED STRUC. METAL PRODS. . .	1.3	29	-	2	21	12	6	-	1	7	2
3441	FABRICATED STRUCTURAL METAL. . . .	.2	6	-	-	5	-	-	-	-	2	-
3442	METAL DOORS, SASH, AND TRIM. . . .	.6	5	-	1	3	3	1	-	1	1	1
3443	FABRICATED PLATEWORK, BOILER SHOP. (D)		11	-	1	7	6	5	-	-	2	-
3444	SHEET METALWORK. (D)		2	-	-	2	1	-	-	-	1	-
3446	ARCHITECTURAL METALWORK. (D)		1	-	-	1	1	-	-	-	-	-
3448	PREFABRICATED METAL BUILDINGS. . . .		2	-	-	2	-	-	-	-	-	1
3449	MISCELLANEOUS METALWORK. (D)		2	-	-	1	1	-	-	-	1	-
345	SCREW MACHINE PROD., BOLTS, ETC. (D)		17	-	-	11	2	1	1	-	3	3
3451	SCREW MACHINE PRODUCTS. (D)		1	-	-	1	-	-	-	-	-	1
3452	BOLTS, NUTS, RIVETS, AND WASHERS. (D)		16	-	-	10	2	1	1	-	3	2
346	METAL FORGINGS AND STAMPINGS. . .	6.3	62	6	5	46	26	21	8	10	6	10
3462	IRON AND STEEL FORGINGS. (D)		21	2	2	17	6	5	5	8	1	5
3463	NONFERROUS FORGINGS. (D)		5	-	-	4	2	3	-	-	-	-
3465	AUTOMOTIVE STAMPINGS. (D)		4.8	18	3	12	6	4	2	1	5	4
3469	METAL STAMPINGS, NEC. (D)		.3	18	1	-	13	12	4	1	-	1
347	METAL SERVICES, NEC. (D)		.7	46	0	2	23	16	8	1	2	7
3471	PLATING AND POLISHING. (D)		.7	43	6	2	20	16	7	1	2	7
3479	METAL COATING AND ALLIED SERVICES. (D)		-	3	-	-	3	-	1	-	-	-
348	ORDNANCE AND ACCESSORIES, NEC. . .	5.9	31	6	8	21	9	9	5	10	16	3
3482	SMALL ARMS AMMUNITION. (D)		2.1	6	2	6	1	2	1	3	4	-
3483	AMMUNITION, EXC. SMALL ARMS, NEC. (D)		2.3	16	3	9	6	7	4	6	7	1
3484	SMALL ARMS. (D)		.2	3	-	3	-	-	-	-	1	1
3489	ORDNANCE AND ACCESSORIES NEC. . . .	1.3	6	1	1	3	2	-	-	1	4	1
349	MISC. FABRICATED METAL PRODUCTS. .	6.6	32	2	1	18	7	10	-	2	6	4
3494	VALVES AND PIPE FITTINGS. (D)		.5	15	1	9	5	5	-	-	1	1
3495	WIRE SPRINGS. (D)		1	-	-	1	-	1	-	1	1	1
3496	MISC. FABRICATED WIRE PRODUCTS. . .		6	1	1	3	-	2	-	1	3	-
3497	METAL FOIL AND LEAF. (D)		1	-	-	1	1	-	-	-	-	1
3498	FABRICATED PIPE AND FITTINGS. . . .		1	-	-	1	1	-	-	-	-	-
3499	FABRICATED METAL PRODUCTS, NEC. . .		6	-	-	3	-	2	-	-	3	-
35	MACHINERY, EXCEPT ELECTRICAL. . .	35.6	218	14	7	136	65	57	12	36	43	33
351	ENGINES AND TURBINES. (D)		7.7	21	2	3	16	7	6	1	3	4
3511	TURBINES, TURBINE GENERATOR SETS. (D)		7	1	2	6	4	2	-	2	2	1
3519	INTERNAL COMBUSTION ENGINES, NEC. (D)		14	1	1	10	3	4	1	1	2	3
352	FARM AND GARDEN MACHINERY. (D)		16	1	-	12	4	5	1	2	2	6
3523	FARM MACHINERY AND EQUIPMENT. . . .		15	1	-	11	4	5	1	2	2	6
3524	LAWN AND GARDEN EQUIPMENT. (D)		1	-	-	1	-	-	-	-	-	-
353	CONSTRUCTION, RELATED MACHINERY. .	11.4	34	2	-	25	5	10	3	6	9	3
3531	CONSTRUCTION MACHINERY. (D)		9.3	18	1	15	4	4	1	4	6	1
3532	MINING MACHINERY. (D)		4	1	-	2	-	2	1	1	-	-
3533	OILFIELD MACHINERY. (D)		3	-	-	1	-	-	-	-	2	-
3534	ELEVATORS AND MOVING STAIRWAYS. . .		1	-	-	1	-	-	-	1	-	1
3535	CONVEYORS AND CONVEYING EQUIPMENT. (D)		-	3	-	2	1	2	-	-	-	-
3536	HOISTS, CRANES, AND MONORAILS. . . .		2	-	-	2	-	1	1	-	1	-
3537	INDUSTRIAL TRUCKS AND TRACTORS. . .		3	-	-	2	-	1	-	-	1	1
354	METALWORKING MACHINERY. (D)		1.0	22	1	-	13	4	8	3	5	2
3541	MACHINE TOOLS, METAL-CUTTING. . . .	.3	7	-	-	5	2	4	1	2	2	2
3542	MACHINE TOOLS, METAL-FORMING. . . .		1	-	-	-	-	-	-	-	1	-
3544	SPECIAL DIES, TOOLS, JIGS, ETC. . . .		1	-	-	-	-	-	1	-	-	-
3545	MACHINE TOOL ACCESSORIES. (D)		7	1	-	6	1	2	1	1	2	-
3546	POWER DRIVEN HANDTOOLS. (D)		5	-	-	1	1	2	-	2	3	-
3547	ROLLING MILL MACHINERY. (D)		1	-	-	1	-	-	-	-	-	-
355	SPECIAL INDUSTRY MACHINERY. (D)		13	1	-	7	4	4	-	3	3	1
3551	FOOD PRODUCTS MACHINERY. (D)		1	-	-	-	1	-	-	-	-	-
3552	TEXTILE MACHINERY. (D)		3	-	-	2	-	1	-	1	1	-
3553	WOODWORKING MACHINERY. (D)		1	-	-	1	-	-	-	-	-	-
3555	PRINTING TRADES MACHINERY. (D)		1	-	-	-	-	1	-	1	-	-
3559	SPECIAL INDUSTRY MACHINERY, NEC. . .	.4	7	1	-	4	3	2	-	1	2	1
356	GENERAL INDUSTRIAL MACHINERY. . . .	2.3	37	1	1	21	12	7	1	8	9	7
3561	PUMPS AND PUMPING EQUIPMENT. . . .		6	1	-	2	-	-	-	2	2	1
3562	BALL AND ROLLER BEARINGS. (D)		.2	14	-	1	10	6	3	-	4	3
3563	AIR AND GAS COMPRESSORS. (D)		-	4	-	-	3	2	1	-	-	-
3564	BLOWERS AND FANS. (D)		1	-	-	-	1	-	-	-	1	-
3566	SPEED CHANGERS, DRIVES, AND GEARS. (D)		3	-	-	1	1	-	-	1	-	-
3567	INDUSTRIAL FURNACES AND OVENS. . . .		2	-	-	-	-	1	1	-	1	1
3568	POWER TRANSMISSION EQUIPMENT, NEC. (D)		1.0	5	-	-	3	2	1	-	2	2
3569	GENERAL INDUSTRIAL MACHINERY, NEC. (D)		2	-	-	2	-	-	-	-	-	-
357	OFFICE AND COMPUTING MACHINES. . . .	2.5	26	2	1	10	12	6	1	6	4	4
3573	ELECTRONIC COMPUTING EQUIPMENT. . .	1.3	17	2	1	8	9	3	1	6	1	2
3574	CALCULATING, ACCOUNTING MACHINES. (D)		4	-	-	-	1	1	-	-	2	2
3576	SCALES, BALANCES, EXC. LABORATORY. (D)		1	-	-	-	-	1	-	-	-	-
3579	OFFICE MACHINES, TYPEWRITERS, ETC. (D)		4	-	-	2	2	1	-	-	1	-
358	REFRIGERATION AND SERVICE MACH. . .	1.7	39	4	2	26	13	9	2	3	3	5
3581	AUTOMATIC MERCHANDISING MACHINES. (D)		2	-	-	1	2	-	-	-	-	-
3582	COMMERCIAL LAUNDRY EQUIPMENT. . . .		1	-	-	1	-	1	-	-	-	-

See footnotes at end of table.

TABLE 7. Number of Establishments Reporting Treatment of Intake Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Water intake treated (billion gallons)	Number of establishments treating intake water, by method of treatment									
			Total ¹	Physical treatment	Coagulation	Softening	Ion exchange	Neutralization (pH control)	Aeration	Filtration	Chlorination	Other
35	MACHINERY, EXC. ELEC.--CON.											
358	REFRIG. AND SERVICE MACH.--CON.											
3585	REFRIGERATION, HEATING EQUIPMENT . .	1.6	32	4	2	20	9	7	2	2	3	4
3586	MEASURING AND DISPENSING PUMPS . .	(D)	2	-	-	2	2	-	-	-	-	-
3589	SERVICE INDUSTRY MACHINERY, NEC. . .	(D)	2	-	-	2	-	1	-	1	-	1
359	MISC. MACHINERY, EXC. ELEC. . . .	.5	10	-	-	6	4	2	-	-	1	1
3592	CARBURETORS, PISTONS, RINGS, ETC. .	.3	7	-	-	5	2	2	-	-	-	-
3599	MACHINERY, EXCEPT ELECTRICAL, NEC.	.2	3	-	-	1	2	-	-	-	1	1
36	ELECTRIC, ELECTRONIC EQUIP. . .	19.5	287	20	19	152	159	73	12	62	59	39
361	ELECTRIC DISTRIBUTING EQUIPMENT.	.4	16	1	1	11	3	6	-	1	1	2
3612	TRANSFORMERS . . . . .	.2	7	1	1	6	1	2	-	1	1	2
3613	SWITCHGEAR, SWITCHBOARD APPARATUS.	.2	9	-	-	5	2	4	-	-	-	-
362	ELECTRICAL INDUSTRIAL APPARATUS.	2.1	19	2	1	14	8	3	1	1	4	6
3621	MOTORS AND GENERATORS.	(D)	3	-	-	2	2	1	-	-	1	-
3622	INDUSTRIAL CONTROLS.	(D)	8	1	-	6	3	1	-	-	2	5
3623	WELDING APPARATUS, ELECTRIC. . . .	(D)	1	-	-	-	1	-	-	-	-	-
3624	CARBON AND GRAPHITE PRODUCTS . . .	.5	4	-	1	3	1	1	-	-	1	1
3629	ELEC. INDUSTRIAL APPARATUS, NEC. . .	1.3	3	1	-	3	1	-	1	1	-	-
363	HOUSEHOLD APPLIANCES	1.6	40	2	-	22	19	8	1	2	5	3
3631	HOUSEHOLD COOKING EQUIPMENT. . . .	.2	9	-	-	6	3	4	1	-	1	1
3632	HOUSEHOLD REFRIGERATORS, FREEZERS.	.7	10	-	-	6	6	-	-	-	2	-
3633	HOUSEHOLD LAUNDRY EQUIPMENT. . . .	.3	7	-	-	4	4	-	-	1	-	1
3634	ELECTRIC HOUSEWARES AND FANS	(D)	12	2	-	5	5	4	-	-	1	1
3635	HOUSEHOLD VACUUM CLEANERS.	(D)	1	-	-	1	-	-	-	1	1	-
3639	HOUSEHOLD APPLIANCES, NEC.	(D)	1	-	-	-	1	-	-	-	-	-
364	ELEC. LIGHTING, WIRING EQUIP. . . .	1.9	36	2	1	20	15	6	2	5	3	1
3641	ELECTRIC LAMPS . . . . .	.4	14	-	-	7	8	5	1	2	2	-
3643	CURRENT-CARRYING WIRING DEVICES. . .	(D)	7	1	-	4	2	-	-	-	-	-
3644	NONCURRENT-CARRYING WIRING DEVICES.	-	6	-	-	4	1	-	-	-	-	1
3645	RESIDENTIAL LIGHTING FIXTURES. . . .	-	3	1	-	1	1	-	-	1	1	-
3646	COMMERCIAL LIGHTING FIXTURES	(D)	1	-	-	1	-	-	-	-	-	-
3647	VEHICULAR LIGHTING EQUIPMENT	(D)	2	-	1	2	1	1	1	1	-	-
3648	LIGHTING EQUIPMENT, NEC.	(D)	3	-	-	1	2	-	-	1	-	-
365	RADIO, TV RECEIVING EQUIPMENT. . . .	.6	11	-	-	7	4	4	-	1	2	2
3651	RADIO AND TV RECEIVING SETS. . . . .	.5	6	-	-	2	2	3	-	-	2	2
3652	PHONO, RECORDS, PRERECORDED TAPE . .	.2	5	-	-	5	2	1	-	1	-	-
366	COMMUNICATION EQUIPMENT.	2.6	57	4	4	25	34	17	1	13	9	7
3661	TELEPHONE AND TELEGRAPH APPARATUS.	1.7	18	1	-	13	11	3	-	3	5	3
3662	RADIO AND TV COMMUNICATION EQUIP. .	1.3	39	3	4	12	23	14	1	10	4	4
367	ELECTRONIC COMPONENTS, ACCESS. . . .	9.5	86	8	12	38	66	26	6	36	31	15
3671	ELECTRON TUBES, RECEIVING TYPE . . .	(D)	5	-	-	2	3	2	-	-	-	2
3672	CATHODE RAY TV PICTURE TUBES	2.2	6	1	3	5	6	1	-	4	4	1
3673	ELECTRON TUBES, TRANSMITTING . . . .	.2	9	-	-	1	5	2	-	-	2	2
3674	SEMICONDUCTORS, RELATED DEVICES. . .	2.9	27	2	6	9	25	9	3	15	15	7
3675	ELECTRONIC CAPACITORS. . . . .	.8	10	-	2	6	8	1	1	3	1	-
3676	ELECTRONIC RESISTORS . . . . .	.2	6	-	-	3	3	5	1	1	2	1
3677	ELECTRONIC COILS AND TRANSFORMERS.	(D)	1	-	-	1	1	-	-	1	-	-
3678	ELECTRONIC CONNECTORS. . . . .	.2	3	-	-	3	2	-	-	1	-	-
3679	ELECTRONIC COMPONENTS, NEC.	2.3	19	4	1	8	13	6	1	11	7	2
369	MISC. ELEC. EQUIPMENT, SUPPLIES.	.8	22	1	-	15	10	3	1	3	4	3
3691	STORAGE BATTERIES. . . . .	.1	5	-	-	5	1	-	1	-	1	1
3692	PRIMARY BATTERIES, DRY AND WET . . .	(D)	1	-	-	1	1	-	-	-	-	-
3693	X-RAY APPARATUS AND TUBES.	(D)	2	-	-	1	2	-	-	1	-	-
3694	ENGINE ELECTRICAL EQUIPMENT. . . . .	.6	13	-	-	8	5	3	-	2	3	2
3699	ELECTRICAL EQUIP., SUPPLIES, NEC. . .	(D)	1	1	-	-	1	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	42.9	195	25	15	130	79	61	9	29	44	23
371	MOTOR VEHICLES AND EQUIPMENT	25.0	98	15	9	75	40	34	5	16	14	11
3711	MOTOR VEHICLES AND CAR BODIES. . . .	(D)	43	7	3	35	24	19	-	7	4	4
3713	TRUCK AND BUS BODIES	(D)	2	-	-	1	-	-	-	2	-	-
3714	MOTOR VEHICLE PARTS, ACCESSORIES . . .	18.8	53	7	6	39	16	15	5	7	10	7
372	AIRCRAFT AND PARTS	13.0	50	5	4	29	24	10	2	6	14	6
3721	AIRCRAFT	1.1	13	1	1	7	3	1	1	1	3	2
3724	AIRCRAFT ENGINES AND ENGINE PARTS.	10.6	14	3	3	5	5	5	1	3	8	1
3728	AIRCRAFT EQUIPMENT, NEC.	1.3	23	1	-	17	12	2	-	2	3	3
3731	SHIP BUILDING AND REPAIRING.	2.1	17	2	2	12	5	7	2	4	6	2
3743	RAILROAD EQUIPMENT . . . . .	.9	9	-	-	3	2	5	-	-	3	-
3751	MOTORCYCLES, BICYCLES, AND PARTS . .	(D)	3	1	-	3	-	-	-	-	-	-
376	GUIDED MISSILES, SPACE VEHICLES.	1.8	16	2	-	7	8	5	-	3	6	4
3761	GUIDED MISSILES, SPACE VEHICLES. . .	(D)	7	-	-	4	6	2	-	-	1	1
3764	SPACE PROPULSION UNITS AND PARTS . .	1.8	7	2	-	1	1	2	-	2	5	2
3769	SPACE VEHICLE EQUIPMENT, NEC. . . .	(D)	2	-	-	2	1	1	-	1	-	1
3795	TANKS AND TANK COMPONENTS.	(D)	2	-	-	1	-	-	-	-	1	-
38	INSTRUMENTS, RELATED PRODUCTS.	22.6	74	10	6	44	32	19	6	19	21	16
3811	ENGINEERING, SCIENTIFIC INSTRU. . . .	.4	6	-	-	3	1	2	-	-	1	3
382	MEASURING, CONTROLLING DEVICES	1.5	26	3	1	16	11	5	3	3	7	7
3822	ENVIRONMENTAL CONTROLS . . . . .	.7	7	-	-	3	2	1	1	-	2	2
3823	PROCESS CONTROL INSTRUMENTS.	(D)	6	-	-	4	3	2	1	1	2	-
3824	FLUID METERS AND COUNTING DEVICES.	(D)	2	-	-	1	-	-	-	-	1	-
3825	INSTRU. TO MEASURE ELECTRICITY. . . .	.6	10	3	1	8	6	2	1	2	1	5
3829	MEASURING, CONTROLLING DEVICES, NEC.	(D)	1	-	-	-	-	-	-	-	1	-
384	MEDICAL INSTRUMENTS, SUPPLIES. . . .	(D)	18	1	1	12	7	6	-	5	7	3
3841	SURGICAL AND MEDICAL INSTRUMENTS.	(D)	9	1	1	6	4	3	-	3	5	1
3842	SURGICAL APPLIANCES AND SUPPLIES . .	.5	8	-	-	5	3	2	-	2	2	2
3843	DENTAL EQUIPMENT AND SUPPLIES. . . .	(D)	1	-	-	1	-	1	-	-	-	-

See footnotes at end of table.

TABLE 7. Number of Establishments Reporting Treatment of Intake Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Water intake treated (billion gallons)	Number of establishments treating intake water, by method of treatment									
			Total ¹	Physical treatment	Coagula- tion	Softening	Ion exchange	Neutral- ization (pH control)	Aeration	Filtration	Chlorin- ation	Other
38	INSTRUMENTS AND RELATED PRODUCTS--CONTINUED											
3851	OPHTHALMIC GOODS	(D)	3	1	1	-	-	-	-	2	-	-
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES .	14.5	18	4	2	11	13	6	2	8	5	3
3873	WATCHES, CLOCKS, AND WATCHCASES. .	.3	3	1	1	2	-	-	1	1	1	-
39	MISC. MANUFACTURING INDUSTRIES.	2.2	34	5	3	21	8	11	2	7	9	3
3914	SILVERWARE AND PLATED WARE . . . .	.1	3	1	-	1	1	1	-	-	1	-
3931	MUSICAL INSTRUMENTS.	(D)	1	-	-	1	1	-	-	-	-	-
394	TOYS AND SPORTING GOODS. . . . .	.2	9	-	-	8	1	4	1	1	1	2
3944	GAMES, TOYS, CHILDREN'S VEHICLES .	-	3	-	-	3	1	-	-	-	-	1
3949	SPORTING AND ATHLETIC GOODS, NEC .	.1	6	-	-	5	-	4	1	1	1	1
395	PENS, OFFICE AND ART GOODS . . .	(D)	3	-	-	1	-	1	1	1	1	-
3951	PENS AND MECHANICAL PENCILS	(D)	1	-	-	-	-	-	1	1	1	-
3952	LEAD PENCILS AND ART GOODS	(D)	2	-	-	1	-	1	-	-	-	-
396	COSTUME JEWELRY AND NOTIONS. . .	(D)	9	3	2	3	2	4	-	3	4	-
3961	COSTUME JEWELRY.	(D)	2	1	-	-	-	2	-	1	1	-
3964	NEEDLES, PINS, AND FASTENERS . . .	(D)	7	2	2	3	2	2	-	2	3	-
399	MISCELLANEOUS MANUFACTURES . . .	.3	9	1	1	7	3	1	-	2	2	1
3995	BURIAL CASKETS	(D)	1	-	-	-	1	-	-	-	-	-
3996	HARD SURFACE FLOOR COVERINGS . . .	.2	4	-	-	4	1	1	-	-	-	1
3999	MANUFACTURING INDUSTRIES, NEC. . .	(D)	4	1	1	3	1	-	-	2	2	-

Note: Figures for industry groups (3-digit) and major groups (2-digit) include data for all component industries whether or not separate figures are shown for individual industries in group.

- Represents less than .05. (D) Withheld to avoid disclosing the operations of individual companies.

¹Establishments with two or more methods of treating intake water are counted as one establishment.

²Industries which had no establishments treating intake water have been omitted. Also, see footnote 4, table 1A.

TABLE 8. Number of Establishments Reporting Treatment of Recirculated Water, for Industry Groups and Selected Industries: 1973

SIC code	Industry group and industry	Recirculated water treated (billion gallons)	Number of establishments treating recirculated water, by method of treatment									
			Total ¹	Physical treatment	Coagulation	Softening	Ion exchange	Neutralization (pH control)	Aeration	Filtration	Chlorination	Other
	ALL INDUSTRIES, TOTAL ² . . .	15914.6	3964	1162	394	1035	465	1866	562	660	877	1177
20	FOOD AND KINDRED PRODUCTS. . .	370.3	728	195	47	179	51	263	108	47	252	155
201	MEAT PRODUCTS.	26.7	109	40	6	38	6	29	9	11	19	25
2011	MEATPACKING PLANTS.	22.0	59	15	3	25	4	21	5	4	14	15
2013	SAUSAGES AND OTHER PREPARED MEATS.	3.1	19	2	-	9	1	6	2	3	3	6
2016	POULTRY DRESSING PLANTS.	(0)	29	22	3	2	1	1	2	1	1	4
2017	POULTRY AND EGG PROCESSING.	(0)	2	1	-	2	-	1	-	-	1	-
202	DAIRY PRODUCTS.	7.6	118	8	2	48	21	61	17	6	25	10
2021	CREAMERY BUTTER.	(0)	3	-	-	-	-	3	-	-	-	-
2022	CHEESE, NATURAL AND PROCESSED.	1.5	17	-	-	6	4	6	1	1	4	3
2023	CONDENSED AND EVAPORATED MILK.	2.5	14	-	1	6	1	5	1	-	5	2
2024	ICE CREAM AND FROZEN DESSERTS.	(0)	11	-	-	4	1	7	2	1	-	1
2026	FLUID MILK.	2.9	73	8	1	32	15	40	13	4	16	4
203	PRESERVED FRUITS AND VEGETABLES.	56.1	210	73	2	21	2	21	14	10	144	23
2032	CANNED SPECIALTIES.	2.8	15	1	-	-	-	-	2	2	11	2
2033	CANNED FRUITS AND VEGETABLES.	30.6	123	44	-	13	-	9	4	5	93	9
2034	DEHYD. FRUITS, VEGETABLES, SOUPS. . . . .	.7	8	4	-	-	-	1	-	-	7	-
2035	PICKLES, SAUCES, SALAD DRESSINGS. . . . .	.1	7	2	-	3	-	1	1	-	2	1
2037	FROZEN FRUITS AND VEGETABLES.	21.4	52	20	1	5	1	8	7	2	29	10
2038	FROZEN SPECIALTIES. . . . .	.5	5	2	1	-	1	2	-	1	2	1
204	GRAIN MILL PRODUCTS.	39.4	32	2	3	6	5	17	5	6	13	5
2041	FLOUR, OTHER GRAIN MILL PRODUCTS.	(0)	5	-	-	1	-	3	2	1	1	1
2043	CEREAL BREAKFAST FOODS. . . . .	.2	4	1	-	1	1	2	-	-	-	1
2045	BLENDED AND PREPARED FLOUR.	-	3	-	1	1	1	3	-	1	1	1
2046	WET CORN MILLING.	38.3	13	-	2	2	3	8	1	3	7	2
2047	DOG, CAT, AND OTHER PET FOOD. . . . .	.4	5	-	1	-	-	-	1	-	3	-
2048	PREPARED FEEDS, NEC.	(0)	2	1	-	-	-	1	1	-	1	-
205	BAKERY PRODUCTS. . . . .	.3	15	-	-	4	-	12	5	1	3	9
2051	BREAD, CAKE, AND RELATED PRODUCTS. . . . .	.2	9	-	-	1	-	6	3	1	3	6
2052	COOKIES AND CRACKERS. . . . .	.1	6	-	-	3	-	6	2	-	-	3
206	SUGAR, CONFECTIONERY PRODUCTS.	79.0	88	48	22	18	2	47	33	4	17	40
2061	RAW CANE SUGAR.	15.8	17	7	1	2	-	5	9	2	4	4
2062	CANE SUGAR REFINING.	1.0	5	1	-	-	-	2	1	1	2	-
2063	BET SUGAR.	54.6	47	39	20	2	-	27	21	-	8	25
2065	CONFECTIONERY PRODUCTS.	3.4	13	1	1	8	2	9	1	1	1	6
2066	CHOCOLATE AND COCOA PRODUCTS.	4.2	6	-	-	4	-	4	1	-	2	5
207	FATS AND OILS.	39.8	49	10	8	13	5	26	10	2	11	13
2074	COTTONSEED OIL MILLS.	(0)	1	-	-	-	-	1	-	-	-	-
2075	SOYBEAN OIL MILLS.	16.8	23	4	6	6	2	14	7	-	5	7
2076	VEGETABLE OIL MILLS, NEC.	(0)	3	-	-	1	-	1	-	-	-	1
2077	ANIMAL AND MARINE FATS AND OILS. . . . .	.1	6	1	-	1	-	2	1	-	1	1
2079	SHORTENING AND COOKING OILS.	21.8	16	5	2	5	3	8	2	2	5	4
208	BEVERAGES.	102.7	74	9	4	24	9	39	8	9	15	21
2082	MALT BEVERAGES.	85.8	37	6	1	15	4	23	4	7	5	11
2083	MALT.	13.3	6	-	-	-	-	1	1	-	5	-
2084	WINES, BRANDY, AND BRANDY SPIRITS.	(0)	8	-	-	-	2	5	1	-	1	3
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	2.0	12	1	1	6	2	3	1	1	1	5
2086	BOTTLED AND CANNED SOFT DRINKS. . . . .	.1	10	1	1	3	1	7	1	1	2	1
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	(0)	1	1	1	-	-	-	-	-	1	1
209	MISC. FOODS, KINDRED PRODUCTS.	18.6	33	5	-	7	1	11	7	1	5	9
2091	CANNED AND CURED SEAFOODS.	(0)	2	-	-	-	-	-	-	-	2	-
2092	FRESH OR FROZEN PACKAGED FISH.	(0)	1	-	-	-	-	-	-	-	-	-
2095	ROASTED COFFEE.	8.1	6	-	-	-	-	-	1	-	-	-
2097	MANUFACTURED ICE.	(0)	3	-	-	1	-	2	1	-	-	-
2098	MACARONI AND SPAGHETTI.	(0)	3	-	-	1	-	-	1	-	-	-
2099	FOOD PREPARATIONS, NEC.	10.3	20	5	-	4	1	7	5	1	3	5
21	TOBACCO PRODUCTS.	78.3	12	1	-	3	1	5	2	1	1	8
2111	CIGARETTES.	78.0	10	-	-	2	-	4	1	-	1	7
2121	CIGARS.	(0)	1	-	-	-	-	1	1	1	-	-
2141	TOBACCO STEMMING AND REDRYING.	(0)	1	1	-	1	1	-	-	-	-	1
22	TEXTILE MILL PRODUCTS.	139.0	204	30	10	82	22	105	33	30	17	72
2211	WEAVING MILLS, COTTON.	25.0	43	11	-	21	9	28	7	5	3	13
2221	WEAVING MILLS, MANMADE FIBER, SILK.	19.8	42	4	2	15	2	29	7	5	3	26
2231	WEAVING AND FINISHING MILLS, WOOL.	(0)	4	-	2	-	-	1	-	2	2	-
2241	NARROW FABRIC MILLS.	(0)	2	-	-	1	-	1	-	1	-	1
225	KNITTING MILLS.	3.1	31	2	-	13	3	16	9	1	1	7
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	1.0	9	-	-	6	-	3	-	-	-	1
2252	HOSIERY, NEC.	-	3	1	-	-	-	2	1	-	-	1
2257	CIRCULAR KNIT FABRIC MILLS.	2.0	15	1	-	5	1	11	5	1	1	4
2258	WARP KNIT FABRIC MILLS. . . . .	.1	4	-	-	2	2	-	3	-	-	1
226	TEXTILE FINISHING, EXCEPT WOOL.	8.0	18	4	4	9	1	4	3	8	4	6
2261	FINISHING PLANTS, COTTON.	6.6	6	2	2	3	-	3	-	4	1	1
2262	FINISH. PLTS, MANMADE FIBER, SILK.	1.2	8	-	1	3	-	1	1	2	2	4
2269	FINISHING PLANTS, NEC. . . . .	.1	4	2	1	3	1	-	2	2	1	1
227	FLOOR COVERING MILLS.	1.3	12	3	-	6	-	5	2	2	1	1
2271	WOVEN CARPETS AND RUGS.	(0)	1	-	-	1	-	-	-	1	-	-
2272	TUFTED CARPETS AND RUGS.	(0)	8	3	-	2	-	4	2	1	1	1
2279	CARPETS AND RUGS, NEC.	-	3	-	-	3	-	1	-	-	-	-
228	YARN AND THREAD MILLS.	78.2	35	3	1	12	5	11	2	3	3	15
2281	YARN MILLS, EXCEPT WOOL.	67.3	21	1	1	6	3	7	1	2	2	10
2282	THROWING AND WINDING MILLS.	(0)	6	1	-	2	2	3	-	-	1	1
2283	WOOL YARN MILLS.	(0)	3	1	-	2	-	1	1	-	-	1
2284	THREAD MILLS.	4.3	5	-	-	2	-	-	-	1	-	3
229	MISCELLANEOUS TEXTILE GOODS.	3.5	17	3	1	5	2	10	3	3	-	3
2291	FELT GOODS, EXC. WOVEN FELT, HATS.	(0)	2	-	-	1	1	-	-	-	-	-
2295	COATED FABRICS, NOT RUBBERIZED.	(0)	4	-	-	1	-	3	1	1	-	1
2296	TIRE CORD AND FABRIC.	(0)	5	-	1	1	-	4	2	1	-	2
2297	NONWOVEN FABRICS.	1.5	3	3	-	-	-	-	-	1	-	-
2298	CORDAGE AND TWINE.	(0)	1	-	-	1	1	1	-	-	-	-
2299	TEXTILE GOODS, NEC.	(0)	2	-	-	1	-	2	-	-	-	-

See footnotes at end of table.

TABLE 8. Number of Establishments Reporting Treatment of Recirculated Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Recirculated water treated (billion gallons)	Number of establishments treating recirculated water, by method of treatment									
			Total ¹	Physical treatment	Coagulation	Softening	Ion exchange	Neutralization (pH control)	Aeration	Filtration	Chlorination	Other
24	LUMBER AND WOOD PRODUCTS . . .	29.8	82	28	2	27	6	35	12	18	9	14
2411	LOGGING CAMPS, LOG CONTRACTORS . .	.1	1	1	-	-	-	1	-	-	1	1
242	SAWMILLS AND PLANING MILLS . . .	24.4	35	10	1	13	3	15	6	10	6	5
2421	SAWMILLS, PLANING MILLS, GENERAL . .	24.4	32	10	1	11	3	13	6	9	6	5
2426	HARDWOOD DIMENSION AND FLOORING . .	.1	3	-	-	2	-	2	-	1	-	-
243	MILLWORK, PLYWOOD, STRUC. MEMBS. .	(D)	34	10	1	11	2	13	5	7	2	6
2431	MILLWORK	(D)	2	-	1	2	-	1	-	-	-	-
2434	WOOD KITCHEN CABINETS	(D)	1	-	-	1	-	-	-	-	-	1
2435	HARDWOOD VENEER AND PLYWOOD	(D)	2	1	-	1	-	1	1	1	1	-
2436	SOFTWOOD VENEER AND PLYWOOD	(D)	29	9	-	7	2	11	4	6	1	5
2441	NAILED WOOD BOXES AND SHOOK	(D)	1	-	-	-	-	1	-	-	-	-
249	MISCELLANEOUS WOOD PRODUCTS . . .	(D)	11	7	-	3	1	5	1	1	-	2
2491	WOOD PRESERVING	(D)	2	1	-	-	-	1	1	-	-	1
2492	PARTICLEBOARD	(D)	3	2	-	1	-	1	-	-	-	-
2499	WOOD PRODUCTS, NEC	(D)	6	4	-	2	1	3	-	1	-	1
25	FURNITURE AND FIXTURES . . . . .	.5	11	2	-	6	1	7	1	-	-	3
251	HOUSEHOLD FURNITURE . . . . .	.3	5	-	-	4	-	3	-	-	-	3
2511	WOOD HOUSEHOLD FURNITURE . . . . .	.1	3	-	-	3	-	3	-	-	-	1
2514	METAL HOUSEHOLD FURNITURE	(D)	1	-	-	-	-	-	-	-	-	1
2517	WOOD TV AND RADIO CABINETS	(D)	1	-	-	1	-	-	-	-	-	1
2522	METAL OFFICE FURNITURE	(D)	4	1	-	2	-	2	1	-	-	-
2531	PUBLIC BLDG., RELATED FURNITURE . . .	(D)	1	-	-	-	1	1	-	-	-	-
2542	METAL PARTITIONS AND FIXTURES . . .	(D)	1	1	-	-	-	1	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	1500.6	411	241	83	55	38	99	32	124	87	72
2611	PULPMILLS	127.2	12	4	1	1	5	3	1	2	1	1
2621	PAPERMILLS, EXCEPT BUILDING PAPER .	801.0	166	101	46	24	14	32	15	61	40	31
2631	PAPERBOARD MILLS	535.4	155	105	29	11	10	33	10	43	36	23
264	MISC. CONVERTED PAPER PRODUCTS . .	19.4	35	9	2	11	6	16	4	7	4	12
2641	PAPER COATING AND GLAZING	14.6	16	2	1	9	5	11	2	4	2	7
2643	BAGS, EXCEPT TEXTILE BAGS	3.0	4	1	-	-	1	3	1	1	-	2
2645	DIE-CUT PAPER AND BOARD	(D)	2	1	-	-	-	-	-	1	-	-
2646	PRESSED AND MOLDED PULP GOODS . . .	.8	6	3	-	1	-	1	-	-	1	-
2647	SANITARY PAPER PRODUCTS . . . . .	.5	5	2	1	1	-	1	1	1	1	1
2648	STATIONERY PRODUCTS	(D)	1	-	-	-	-	-	-	-	-	1
2649	CONVERTED PAPER PRODUCTS, NEC . . .	(D)	1	-	-	-	-	-	-	-	-	1
265	PAPERBOARD CONTAINERS AND BOXES . .	4.2	18	5	1	6	3	8	-	3	4	4
2651	FOLDING PAPERBOARD BOXES . . . . .	.7	7	2	1	4	1	2	-	1	1	1
2653	CORRUGATED AND SOLID FIBER BOXES . .	(D)	2	-	-	1	1	2	-	-	-	-
2654	SANITARY FOOD CONTAINERS	3.5	9	3	-	1	1	4	-	2	3	3
2661	BUILDING PAPER AND BOARD MILLS . . .	13.3	25	17	4	2	-	7	2	8	2	1
28	CHEMICALS AND ALLIED PRODUCTS . . .	4379.5	664	142	52	162	88	393	86	102	195	284
281	INDUSTRIAL INORGANIC CHEMICALS . . .	577.6	162	38	18	40	24	106	18	29	26	59
2812	ALKALIES AND CHLORINE	47.9	18	3	2	6	4	8	2	7	4	9
2813	INDUSTRIAL GASES	284.3	46	5	1	8	6	36	6	6	10	21
2816	INORGANIC PIGMENTS	30.8	15	9	6	1	1	9	3	5	1	4
2819	INDUSTRIAL INORGANIC CHEM., NEC . .	214.5	83	21	9	25	13	53	7	11	11	25
282	PLASTICS MATERIALS, SYNTHETICS . . .	961.9	121	32	13	24	17	71	13	26	53	65
2821	PLASTICS MATERIALS AND RESINS . . .	246.8	70	15	8	17	12	41	6	16	26	32
2822	SYNTHETIC RUBBER	187.8	17	6	2	2	2	10	5	2	11	11
2823	CELLULOSIC MANMADE FIBERS	155.3	9	2	1	3	2	5	2	1	4	5
2824	ORGANIC FIBERS, NONCELLULOSIC . . .	372.1	25	9	2	2	1	15	-	7	12	17
283	DRUGS	93.2	42	6	1	15	5	21	6	4	13	17
2831	BIOLOGICAL PRODUCTS	(D)	6	1	-	2	1	4	2	-	1	-
2833	MEDICINALS AND BOTANICALS	(D)	6	2	1	1	-	2	2	-	2	5
2834	PHARMACEUTICAL PREPARATIONS	76.2	30	3	-	12	4	15	2	4	10	12
284	SOAPS, CLEANERS, TOILET GOODS	11.8	38	4	1	13	5	19	2	1	2	21
2841	SOAP AND OTHER DETERGENTS	3.2	10	2	-	4	4	3	-	-	1	5
2842	POLISHES AND SANITATION GOODS	(D)	7	-	-	2	1	3	-	-	-	5
2843	SURFACE ACTIVE AGENTS	6.8	13	2	1	3	-	7	-	-	-	10
2844	TOILET PREPARATIONS	(D)	8	-	-	4	-	6	2	1	1	1
2851	PAINTS AND ALLIED PRODUCTS . . . . .	.1	9	1	-	2	-	2	1	2	1	5
286	INDUSTRIAL ORGANIC CHEMICALS	2064.0	163	27	11	36	14	98	25	25	68	69
2861	GUM AND WOOD CHEMICALS	25.2	7	3	-	1	-	4	2	1	2	2
2865	CYCLIC CRUDES AND INTERMEDIATES . . .	310.5	34	6	3	10	5	25	2	8	14	13
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC . .	1728.4	122	18	8	25	9	69	21	16	52	54
287	AGRICULTURAL CHEMICALS	554.3	74	17	6	12	18	58	15	12	27	30
2873	NITROGENOUS FERTILIZERS	424.4	41	6	3	10	15	39	9	10	23	15
2874	PHOSPHATIC FERTILIZERS	(D)	27	9	2	2	3	16	2	2	3	13
2879	AGRICULTURAL CHEMICALS, NEC	(D)	6	2	1	-	-	3	4	-	1	2
289	MISCELLANEOUS CHEMICAL PRODUCTS . .	116.6	55	17	2	20	5	18	8	3	5	22
2891	ADHESIVES AND SEALANTS	13.0	12	4	1	9	1	4	1	2	1	3
2892	EXPLOSIVES	(D)	6	1	-	2	1	2	-	-	-	2
2893	PRINTING INK	8.2	1	-	-	-	-	1	-	-	-	-
2895	CARBON BLACK	(D)	6	1	-	-	-	-	-	-	-	5
2899	CHEMICAL PREPARATIONS, NEC	95.3	30	11	1	9	3	10	6	1	4	12
29	PETROLEUM AND COAL PRODUCTS	4779.4	196	56	18	31	24	143	37	48	110	69
2911	PETROLEUM REFINING	4776.5	178	47	18	28	24	137	35	44	108	86
295	PAVING AND ROOFING MATERIALS	2.8	13	8	-	1	-	4	1	4	1	2
2951	PAVING MIXTURES AND BLOCKS . . . . .	.2	4	3	-	-	-	-	-	1	-	-
2952	ASPHALT FELTS AND COATINGS	2.6	9	5	-	1	-	4	1	3	1	2
2992	LUBRICATING OILS AND GREASES . . . .	.1	5	1	-	2	-	2	1	-	1	1

See footnotes at end of table.

TABLE 8. Number of Establishments Reporting Treatment of Recirculated Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Recirculated water treated (billion gallons)	Number of establishments treating recirculated water, by method of treatment									
			Total ¹	Physical treatment	Coagulation	Softening	Ion exchange	Neutralization (pH control)	Aeration	Filtration	Chlorination	Other
30	RUBBER, MISC. PLASTICS PROD. . .	116.0	159	31	8	41	16	75	27	20	22	50
3011	TIRES AND INNER TUBES.	43.5	34	9	2	11	4	16	9	6	9	9
3021	RUBBER AND PLASTICS FOOTWEAR . . .	(D)	5	-	1	-	-	2	1	-	1	1
3031	RECLAIMED RUBBER	(D)	1	1	-	-	-	-	-	-	-	1
3041	RUBBER, PLASTICS HOSE AND RELTING.	2.0	4	-	-	1	-	2	1	2	1	2
3069	FABRICATED RUBBER PRODUCTS, NEC. .	7.4	33	6	3	10	1	14	6	1	1	12
3079	MISCELLANEOUS PLASTICS PRODUCTS. .	65.0	82	15	2	19	11	41	10	11	10	25
31	LEATHER AND LEATHER PRODUCTS . .	.2	11	3	1	5	4	2	-	-	-	-
3111	LEATHER TANNING AND FINISHING. . .	(D)	9	3	-	3	2	1	-	-	-	-
3161	LUGGAGE.	(D)	2	-	1	2	2	1	-	-	-	-
32	STONE, CLAY, GLASS PRODUCTS. . .	120.8	204	76	10	40	16	64	11	28	20	63
3211	FLAT GLASS.	24.4	18	-	-	6	4	4	-	1	2	11
322	GLASS, PRESSED OR BLOWN.	44.5	61	17	4	8	6	28	5	9	8	29
3221	GLASS CONTAINERS.	7.3	35	4	2	4	-	15	3	3	4	22
3229	PRESSED AND BLOWN GLASS, NEC. . .	37.2	26	13	2	4	6	13.2	2	6	4	7
3231	PRODUCTS OF PURCHASED GLASS. . . .	.8	6	-	-	1	2	-	-	2	-	1
3241	CEMENT, HYDRAULIC.	22.9	30	10	3	4	1	9	3	3	7	7
325	STRUCTURAL CLAY PRODUCTS	(D)	4	2	-	3	-	1	-	-	-	-
3251	BRICK AND STRUCTURAL CLAY TILE . .	(D)	1	1	-	-	-	-	-	-	-	-
3253	CERAMIC WALL AND FLOOR TILE. . . .	(D)	1	1	-	-	-	1	-	-	-	-
3255	CLAY REFRACTORIES.	(D)	2	-	-	2	-	-	-	-	-	-
326	POTTERY AND RELATED PRODUCTS . . .	2.8	8	2	-	2	1	5	2	-	-	4
3261	VITREOUS PLUMBING FIXTURES	(D)	4	2	-	1	-	2	1	-	-	2
3264	PORCELAIN ELECTRICAL SUPPLIES. . . .	(D)	4	-	-	1	1	3	1	-	-	2
327	CONCRETE, GYPSUM, PLASTER PRODS.	5.5	26	21	-	2	-	1	1	1	-	-
3272	CONCRETE PRODUCTS, NEC. . . . .	.2	3	3	-	-	-	-	-	-	-	-
3273	READY-MIXED CONCRETE	2.0	11	11	-	-	-	-	-	-	-	-
3274	LIME	2.9	7	6	-	1	-	-	-	-	-	-
3275	GYPSUM PRODUCTS. . . . .	.3	5	1	-	1	-	1	1	1	-	-
3281	CUT STONE AND STONE PRODUCTS . . .	(D)	1	1	-	-	-	-	-	-	-	-
329	MISC. NONMETALLIC MINERAL PRODS.	19.8	50	23	3	14	2	16	-	12	3	11
3291	ABRASIVE PRODUCTS.	1.4	6	1	2	2	1	2	-	-	-	3
3292	ASBESTOS PRODUCTS.	1.2	14	6	1	4	-	6	-	2	1	3
3293	GASKETS, PACKING, SEALING DEVICES. .	(D)	2	-	-	1	-	-	-	-	-	1
3295	MINERALS, GROUND OR TREATED. . . .	(D)	6	4	1	-	-	2	-	-	1	1
3296	MINERAL WOOL	11.6	19	10	1	7	1	6	-	8	1	3
3297	NONCLAY REFRACTORIES	(D)	1	1	-	-	-	-	-	-	-	-
3299	NONMETALLIC MINERAL PRODUCTS, NEC.	(D)	2	1	-	-	-	-	-	2	-	-
33	PRIMARY METAL INDUSTRIES	2858.3	410	197	80	97	45	192	72	93	52	117
331	BLAST FURNACE, BASIC STEEL PROD. .	2062.7	178	104	38	49	15	79	37	38	22	57
3312	BLAST FURNACES AND STEEL MILLS . .	2027.5	134	93	33	36	11	59	29	34	18	42
3313	ELECTROMETALLURGICAL PRODUCTS. . .	29.3	14	5	2	3	2	8	2	1	-	6
3315	STEEL WIRE AND RELATED PRODUCTS. . .	1.2	13	1	1	3	-	6	1	2	2	4
3316	COLD FINISHING OF STEEL SHAPES . . .	2.8	7	1	1	4	1	2	4	-	2	2
3317	STEEL PIPE AND TUBES	1.9	10	4	1	3	1	4	1	1	-	3
332	IRON AND STEEL FOUNDRIES	155.5	72	37	26	9	6	34	6	11	3	14
3321	GRAY IRON FOUNDRIES.	149.5	53	29	21	5	4	30	3	7	1	10
3322	MALLEABLE IRON FOUNDRIES	4.8	6	3	2	2	-	1	1	-	-	2
3324	STEEL INVESTMENT FOUNDRIES	(D)	2	1	-	-	-	1	1	1	-	1
3325	STEEL FOUNDRIES, NEC.	(D)	11	4	3	2	2	2	1	3	2	1
333	PRIMARY NONFERROUS METALS.	521.7	39	24	9	9	4	21	6	13	10	9
3331	PRIMARY COPPER	7.0	8	3	-	1	-	2	2	1	1	3
3332	PRIMARY LEAD	(D)	5	4	-	2	1	3	-	1	1	1
3333	PRIMARY ZINC	(D)	3	2	1	1	1	3	1	1	1	-
3334	PRIMARY ALUMINUM	484.1	19	13	8	3	1	10	3	8	7	3
3339	PRIMARY NONFERROUS METALS, NEC. . .	12.0	4	2	-	2	1	3	-	2	-	2
3341	SECONDARY NONFERROUS METALS. . . .	(D)	5	1	1	1	-	2	1	1	-	1
335	NONFERROUS ROLLING AND DRAWING . .	103.9	89	27	4	20	16	50	19	24	15	28
3351	COPPER ROLLING AND DRAWING	3.0	15	4	-	5	2	5	3	-	-	5
3353	ALUMINUM SHEET, PLATE, AND FOIL. . .	74.3	17	8	2	3	3	11	1	6	5	6
3354	ALUMINUM EXTRUDED PRODUCTS	2.2	12	4	-	2	4	8	3	3	2	3
3355	ALUMINUM ROLLING AND DRAWING, NEC.	.7	3	-	-	-	-	2	1	1	-	2
3356	NONFERROUS ROLLING & DRAWING, NEC.	18.6	10	4	-	2	1	7	4	4	2	2
3357	NONFERROUS WIREDRAWING, INSULATING.	5.0	32	7	2	8	6	17	7	5	6	10
336	NONFERROUS FOUNDRIES	7.5	15	2	1	7	2	4	1	2	1	4
3361	ALUMINUM FOUNDRIES	7.5	11	1	1	5	2	3	-	2	1	4
3362	BRASS, BRONZE, COPPER FOUNDRIES. .	(D)	1	-	-	-	-	-	1	-	-	-
3369	NONFERROUS FOUNDRIES, NEC.	(D)	3	1	-	2	-	1	-	-	-	-
339	MISC. PRIMARY METAL PRODUCTS . . .	(D)	12	2	1	2	2	2	2	4	1	4
3398	METAL HEAT TREATING.	(D)	5	1	-	-	1	-	2	2	1	1
3399	PRIMARY METAL PRODUCTS, NEC. . . .	(D)	7	1	1	2	1	2	-	2	-	3
34	FABRICATED METAL PRODUCTS. . . .	49.7	193	30	14	71	35	99	34	29	23	47
3411	METAL CANS . . . . .	.2	10	1	2	5	5	6	2	3	-	2
342	CUTLERY, HANDTOOLS AND HARDWARE. .	3.8	32	3	1	11	6	10	4	5	4	12
3421	CUTLERY.	-	3	-	-	1	-	-	-	1	-	1
3423	HAND AND EDGE TOOLS, NEC.	(D)	4	-	-	2	-	1	2	-	-	2
3425	HANDSAWS AND SAW BLADES.	(D)	1	-	-	-	-	-	-	-	-	1
3429	HARDWARE, NEC.	2.2	24	3	1	8	6	9	2	4	4	8
343	PLUMBING, HEATING, EXCEPT ELEC. .	2.7	10	1	-	3	1	7	3	1	-	4
3431	METAL SANITARY WARE.	(D)	5	1	-	2	1	4	2	1	-	1
3432	PLUMBING FITTINGS AND BRASS GOODS.	(D)	4	-	-	1	-	2	1	-	-	2
3433	HEATING EQUIPMENT, EXC. ELECTRIC .	(D)	1	-	-	-	-	1	-	-	-	1

See footnotes at end of table.

TABLE 8. Number of Establishments Reporting Treatment of Recirculated Water, for Industry Groups and Selected Industries: 1973--Continued

SIC code	Industry group and industry	Recirculated water treated (billion gallons)	Number of establishments treating recirculated water, by method of treatment									
			Total ¹	Physical treatment	Coagulation	Softening	Ion exchange	Neutralization (pH control)	Aeration	Filtration	Chlorination	Other
34	FABRICATED METAL PRODUCTS--CON.											
344	FABRICATED STRUC. METAL PRODS.	1.5	17	1	3	5	5	9	5	4	1	-
3441	FABRICATED STRUCTURAL METAL	(D)	1	-	-	-	-	1	-	-	-	-
3442	METAL DOORS, SASH, AND TRIM	.2	4	-	2	1	1	2	-	2	-	-
3443	FABRICATED PLATEWORK, BOILER SHOP	.4	6	-	-	2	3	4	2	-	1	-
3444	SHEET METALWORK	.1	3	-	1	1	1	2	2	1	-	-
3446	ARCHITECTURAL METALWORK	(D)	1	1	-	-	-	-	-	-	-	-
3448	PREFABRICATED METAL BUILDINGS	(D)	1	-	-	1	-	-	-	-	-	-
3449	MISCELLANEOUS METALWORK	(D)	1	-	-	-	-	-	1	1	-	-
345	SCREW MACHINE PROD., BOLTS, ETC.	.6	17	5	2	6	1	4	3	3	4	5
3451	SCREW MACHINE PRODUCTS	(D)	1	-	-	1	-	-	-	-	-	1
3452	BOLTS, NUTS, RIVETS, AND WASHERS	(D)	16	5	2	5	1	4	3	3	4	4
346	METAL FORGINGS AND STAMPINGS	28.0	44	11	3	18	5	29	8	8	9	12
3462	IRON AND STEEL FORGINGS	(D)	10	3	-	6	1	6	2	4	1	1
3463	NONFERROUS FORGINGS	(D)	2	1	-	-	-	-	-	-	-	-
3465	AUTOMOTIVE STAMPINGS	24.8	22	6	3	10	4	14	4	4	8	9
3466	CROWNS AND CLOSURES	(D)	2	-	-	-	-	1	1	-	-	-
3469	METAL STAMPINGS, NEC	.3	8	1	-	2	-	6	1	-	-	2
347	METAL SERVICES, NEC	.4	15	-	-	10	3	5	1	-	2	1
3471	PLATING AND POLISHING	(D)	13	-	-	6	3	5	1	-	2	1
3479	METAL COATING AND ALLIED SERVICES	(D)	2	-	-	2	-	-	-	-	-	-
348	ORDNANCE AND ACCESSORIES, NEC	6.3	21	2	1	6	6	13	6	3	1	5
3482	SMALL ARMS AMMUNITION	(D)	4	-	-	2	1	3	1	1	-	-
3483	AMMUNITION, EXC. SMALL ARMS, NEC	2.4	10	2	-	1	-	6	5	2	1	2
3489	ORDNANCE AND ACCESSORIES NEC	(D)	7	-	1	3	5	4	-	-	-	3
349	MISC. FABRICATED METAL PRODUCTS	5.3	27	6	2	7	3	16	2	2	2	6
3494	VALVES AND PIPE FITTINGS	2.4	13	5	1	3	1	8	1	1	-	2
3496	MISC. FABRICATED WIRE PRODUCTS	(D)	3	-	-	2	-	1	-	-	1	-
3497	METAL FOIL AND LEAF	.9	4	-	-	1	1	4	-	-	-	-
3498	FABRICATED PIPE AND FITTINGS	(D)	1	-	-	-	-	-	-	-	-	1
3499	FABRICATED METAL PRODUCTS, NEC	2.0	6	1	1	1	1	3	1	1	1	3
35	MACHINERY, EXCEPT ELECTRICAL	144.9	198	32	16	57	33	113	30	36	15	57
351	ENGINES AND TURBINES	25.0	18	3	-	7	4	10	2	5	1	10
3511	TURBINES, TURBINE GENERATOR SETS	(D)	8	-	-	3	3	4	1	2	1	4
3519	INTERNAL COMBUSTION ENGINES, NEC	(D)	10	3	-	4	1	6	1	3	-	6
3523	FARM MACHINERY AND EQUIPMENT	(D)	10	2	1	5	1	7	2	3	-	1
353	CONSTRUCTION, RELATED MACHINERY	41.0	28	6	4	12	6	16	2	9	1	10
3531	CONSTRUCTION MACHINERY	28.0	14	5	2	5	4	9	1	7	1	6
3532	MINING MACHINERY	(D)	6	1	-	2	2	3	-	1	-	1
3533	OILFIELD MACHINERY	8.5	4	-	1	2	-	1	-	-	-	1
3534	ELEVATORS AND MOVING STAIRWAYS	(D)	1	-	-	-	-	-	-	1	-	1
3536	HOISTS, CRANES, AND MONORAILS	(D)	1	-	-	1	-	1	-	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS	(D)	2	-	1	1	-	2	-	-	-	1
354	METALWORKING MACHINERY	(D)	20	5	2	5	2	11	8	1	5	4
3541	MACHINE TOOLS, METAL-CUTTING	(D)	8	3	1	4	1	6	3	1	1	3
3542	MACHINE TOOLS, METAL-FORMING	(D)	1	1	-	-	1	-	-	-	-	-
3544	SPECIAL DIES, TOOLS, JIGS, ETC	(D)	1	-	-	-	-	-	1	-	-	-
3545	MACHINE TOOL ACCESSORIES	(D)	2	-	1	-	-	1	1	-	1	-
3546	POWER DRIVEN HANDTOOLS	(D)	6	1	-	1	-	3	3	-	3	-
3547	ROLLING MILL MACHINERY	(D)	1	-	-	-	-	1	-	-	-	-
3549	METALWORKING MACHINERY, NEC	(D)	1	-	-	-	-	-	-	-	-	1
355	SPECIAL INDUSTRY MACHINERY	10.6	15	1	2	-	2	8	2	3	1	4
3551	FOOD PRODUCTS MACHINERY	(D)	1	-	-	-	-	1	-	-	-	-
3552	TEXTILE MACHINERY	1.1	5	-	-	-	1	2	-	2	1	2
3553	WOODWORKING MACHINERY	(D)	2	-	-	-	-	1	1	1	-	-
3555	PRINTING TRADES MACHINERY	(D)	1	-	-	-	-	1	-	-	-	1
3559	SPECIAL INDUSTRY MACHINERY, NEC	8.9	6	1	1	-	1	3	1	-	-	1
356	GENERAL INDUSTRIAL MACHINERY	5.7	39	9	4	10	5	23	4	4	3	13
3561	PUMPS AND PUMPING EQUIPMENT	.2	5	1	-	2	-	5	-	-	1	2
3562	BALL AND ROLLER BEARINGS	3.2	15	4	2	3	1	7	2	2	1	7
3563	AIR AND GAS COMPRESSORS	.1	4	1	1	2	1	2	1	2	-	-
3566	SPEED CHANGERS, DRIVES, AND GEARS	1.3	5	-	1	1	2	4	-	-	-	1
3567	INDUSTRIAL FURNACES AND OVENS	(D)	2	-	-	-	-	1	1	-	1	1
3568	POWER TRANSMISSION EQUIPMENT, NEC	.3	6	3	-	-	-	3	-	-	-	2
3569	GENERAL INDUSTRIAL MACHINERY, NEC	(D)	2	-	-	-	1	1	-	-	-	-
357	OFFICE AND COMPUTING MACHINES	9.0	25	-	2	5	6	14	3	4	1	5
3573	ELECTRONIC COMPUTING EQUIPMENT	1.9	15	-	1	2	4	10	2	2	-	3
3574	CALCULATING, ACCOUNTING MACHINES	(D)	4	-	1	2	1	1	1	1	-	1
3579	OFFICE MACHINES, TYPEWRITERS, ETC.	7.0	6	-	-	1	1	3	-	1	1	1
358	REFRIGERATION AND SERVICE MACH.	8.4	34	6	1	10	4	20	5	6	3	8
3581	AUTOMATIC MERCHANDISING MACHINES	(D)	3	1	-	-	-	2	-	-	-	1
3585	REFRIGERATION, HEATING EQUIPMENT	7.3	28	5	1	8	2	17	4	5	3	7
3586	MEASURING AND DISPENSING PUMPS	(D)	2	-	-	2	1	-	1	-	-	-
3589	SERVICE INDUSTRY MACHINERY, NEC	(D)	1	-	-	-	1	1	-	1	-	-
359	MISC. MACHINERY, EXC. ELEC	(D)	9	-	-	3	3	4	2	1	-	2
3592	CARBURETORS, PISTONS, RINGS, ETC.	(D)	8	-	-	3	2	4	2	1	-	2
3599	MACHINERY, EXCEPT ELECTRICAL, NEC	(D)	1	-	-	-	1	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	201.4	230	42	13	75	40	119	36	31	40	65
361	ELECTRIC DISTRIBUTING EQUIPMENT	5.6	15	3	1	6	2	7	5	1	4	2
3612	TRANSFORMERS	3.4	9	1	1	3	1	4	4	1	4	2
3613	SWITCHGEAR, SWITCHBOARD APPARATUS	2.1	6	2	-	3	1	3	1	-	-	-
362	ELECTRICAL INDUSTRIAL APPARATUS	13.6	33	11	3	9	3	19	8	5	6	11
3621	MOTORS AND GENERATORS	9.0	16	5	2	4	3	12	3	4	3	6
3622	INDUSTRIAL CONTROLS	2.3	6	1	-	3	-	3	-	-	1	4
3623	WELDING APPARATUS, ELECTRIC	(D)	1	-	-	-	-	-	1	-	-	1
3624	CARBON AND GRAPHITE PRODUCTS	.8	6	5	1	-	-	1	1	-	2	-
3629	ELEC. INDUSTRIAL APPARATUS, NEC	(D)	4	-	-	2	-	3	3	1	-	-

See footnotes at end of table.

TABLE 8. Number of Establishments Reporting Treatment of Recirculated Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Recirculated water treated (billion gallons)	Number of establishments treating recirculated water, by method of treatment									
			Total ¹	Physical treatment	Coagulation	Softening	Ion exchange	Neutralization (pH control)	Aeration	Filtration	Chlorination	Other
36	ELEC., ELECTRONIC EQUIP.--CON.											
363	HOUSEHOLD APPLIANCES	9.5	31	6	2	9	2	16	4	4	7	4
3631	HOUSEHOLD COOKING EQUIPMENT . . . . .	.6	6	2	1	2	2	1	2	-	1	-
3632	HOUSEHOLD REFRIGERATORS, FREEZERS	(D)	2	-	-	-	-	-	-	-	1	-
3633	HOUSEHOLD LAUNDRY EQUIPMENT	3.6	5	1	-	2	-	4	-	1	2	-
3634	ELECTRIC HOUSEWARES AND FANS . . . . .	.1	10	1	-	1	-	4	-	1	1	4
3635	HOUSEHOLD VACUUM CLEANERS	(D)	4	2	1	1	-	3	2	2	1	-
3636	SEWING MACHINES	(D)	1	-	-	1	-	1	-	-	-	-
3639	HOUSEHOLD APPLIANCES, NEC.	(D)	3	-	-	2	-	1	-	-	1	-
364	ELEC. LIGHTING, WIRING EQUIP.	2.8	26	2	-	7	4	8	4	4	1	5
3641	ELECTRIC LAMPS . . . . .	.1	10	1	-	3	2	2	1	-	1	1
3643	CURRENT-CARRYING WIRING DEVICES . . . . .	.6	7	1	-	-	-	3	1	1	-	1
3644	NONCURRENT-CARRYING WIRING DEVICES	(D)	5	-	-	2	1	2	2	1	-	2
3647	VEHICULAR LIGHTING EQUIPMENT	(D)	2	-	-	2	1	1	-	1	-	-
3648	LIGHTING EQUIPMENT, NEC.	(D)	2	-	-	-	-	-	-	1	-	1
365	RADIO, TV RECEIVING EQUIPMENT . . . . .	.6	9	-	-	2	1	6	-	-	1	4
3651	RADIO AND TV RECEIVING SETS . . . . .	.5	5	-	-	-	1	3	-	-	1	3
3652	PHONO, RECORDS, PRERECORDED TAPE . . . . .	.1	4	-	-	2	-	3	-	-	-	1
366	COMMUNICATION EQUIPMENT	72.8	44	4	1	13	10	24	4	1	8	17
3661	TELEPHONE AND TELEGRAPH APPARATUS	(D)	15	1	-	5	5	8	1	1	3	6
3662	RADIO AND TV COMMUNICATION EQUIP.	(D)	29	3	1	8	5	16	3	-	5	11
367	ELECTRONIC COMPONENTS, ACCESS.	89.2	54	11	2	18	15	26	9	13	8	18
3671	ELECTRON TUBES, RECEIVING TYPE	(D)	4	-	-	2	-	3	1	-	-	1
3672	CATHODE RAY TV PICTURE TUBES	7.1	4	2	-	1	-	2	2	1	-	1
3673	ELECTRON TUBES, TRANSMITTING . . . . .	.4	6	1	-	-	1	2	-	1	1	2
3674	SEMICONDUCTORS, RELATED DEVICES	67.4	19	2	1	5	6	10	3	7	4	8
3675	ELECTRONIC CAPACITORS	(D)	5	-	-	3	1	2	1	-	-	-
3676	ELECTRONIC RESISTORS	(D)	4	1	-	3	1	3	1	-	-	1
3677	ELECTRONIC COILS AND TRANSFORMERS	(D)	2	1	-	-	-	-	-	-	-	1
3679	ELECTRONIC COMPONENTS, NEC	11.9	10	4	1	4	6	4	1	4	3	4
369	MISC. ELEC. EQUIPMENT, SUPPLIES	7.3	18	5	4	11	3	13	2	3	5	4
3691	STORAGE BATTERIES	(D)	4	1	1	2	-	3	1	1	1	1
3694	ENGINE ELECTRICAL EQUIPMENT	6.8	13	4	3	8	3	10	1	2	4	3
3699	ELECTRICAL EQUIP., SUPPLIES, NEC	(D)	1	-	-	1	-	-	1	-	-	-
37	TRANSPORTATION EQUIPMENT	1113.5	174	42	28	70	33	109	28	36	25	54
371	MOTOR VEHICLES AND EQUIPMENT	1058.2	109	32	25	43	18	68	16	29	18	34
3711	MOTOR VEHICLES AND CAR BODIES	(D)	48	21	16	17	7	36	7	23	9	19
3714	MOTOR VEHICLE PARTS, ACCESSORIES	(D)	61	11	9	26	11	32	9	6	9	15
372	AIRCRAFT AND PARTS	36.8	37	4	2	14	10	24	9	6	6	13
3721	AIRCRAFT	(D)	10	2	-	4	2	6	3	1	1	6
3724	AIRCRAFT ENGINES AND ENGINE PARTS	(D)	12	1	2	4	2	6	5	3	2	4
3728	AIRCRAFT EQUIPMENT, NEC.	1.8	15	1	-	6	6	12	1	2	3	3
3731	SHIP BUILDING AND REPAIRING	(D)	6	1	-	3	1	2	-	-	-	3
3743	RAILROAD EQUIPMENT	(D)	3	1	-	2	-	2	-	-	-	-
3751	MOTORCYCLES, BICYCLES, AND PARTS . . . . .	.2	3	1	-	1	1	3	1	-	-	1
376	GUIDED MISSILES, SPACE VEHICLES	9.5	15	3	1	6	3	10	2	1	1	3
3761	GUIDED MISSILES, SPACE VEHICLES	(D)	6	1	-	2	1	5	1	-	1	1
3764	SPACE PROPULSION UNITS AND PARTS	4.5	5	1	1	3	2	2	-	-	-	-
3769	SPACE VEHICLE EQUIPMENT, NEC	(D)	4	1	-	1	-	3	1	1	-	2
3795	TANKS AND TANK COMPONENTS	(D)	1	-	-	1	-	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS	28.2	49	6	8	26	10	30	7	11	5	16
3811	ENGINEERING, SCIENTIFIC INSTRU.	(D)	2	-	-	-	-	1	-	-	-	1
382	MEASURING, CONTROLLING DEVICES	3.3	19	3	3	9	1	10	5	4	2	6
3822	ENVIRONMENTAL CONTROLS . . . . .	.3	8	2	2	5	1	5	2	1	-	3
3823	PROCESS CONTROL INSTRUMENTS	(D)	3	-	-	2	-	2	1	-	-	1
3824	FLUID METERS AND COUNTING DEVICES	(D)	1	-	-	-	-	-	1	-	1	-
3825	INSTRU. TO MEASURE ELECTRICITY	1.1	5	1	1	1	-	3	-	2	1	2
3829	MEASURING, CONTROLLING DEVICES, NEC	(D)	2	-	-	1	-	-	1	1	-	-
3832	OPTICAL INSTRUMENTS AND LENSES	(D)	1	-	-	-	-	1	-	-	-	-
384	MEDICAL INSTRUMENTS, SUPPLIES	1.6	6	1	1	3	1	6	-	1	-	-
3841	SURGICAL AND MEDICAL INSTRUMENTS	(D)	5	1	-	3	-	5	-	1	-	-
3843	DENTAL EQUIPMENT AND SUPPLIES	(D)	1	-	-	-	1	1	-	-	-	-
3851	OPHTHALMIC GOODS	(D)	2	-	-	-	-	1	-	2	-	1
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES	21.8	17	2	3	12	8	10	2	4	3	8
3873	WATCHES, CLOCKS, AND WATCHCASES	(D)	2	-	1	2	-	1	-	-	-	-
39	MISC. MANUFACTURING INDUSTRIES	2.4	28	8	4	8	2	13	4	6	4	7
3914	SILVERWARE AND PLATED WARE	(D)	2	-	-	-	-	-	-	-	-	2
3931	MUSICAL INSTRUMENTS	(D)	1	-	-	1	-	-	-	-	-	-
394	TOYS AND SPORTING GOODS . . . . .	.3	10	2	2	2	1	6	2	3	1	2
3944	GAMES, TOYS, CHILDREN'S VEHICLES	(D)	2	-	1	-	-	1	-	-	-	1
3949	SPORTING AND ATHLETIC GOODS, NEC	(D)	8	2	1	2	1	5	2	3	1	1
395	PENS, OFFICE AND ART GOODS	(D)	2	-	-	2	-	1	-	-	1	-
3952	LEAD PENCILS AND ART GOODS	(D)	1	-	-	1	-	-	-	-	-	-
3955	CARBON PAPER AND INKED RIBBONS	(D)	1	-	-	1	-	1	-	-	1	-
396	COSTUME JEWELRY AND NOTIONS . . . . .	.1	6	2	1	1	-	4	-	1	1	1
3961	COSTUME JEWELRY	(D)	1	1	-	-	-	1	-	1	1	-
3964	NEEDLES, PINS, AND FASTENERS	(D)	5	1	1	1	-	3	-	-	-	1
399	MISCELLANEOUS MANUFACTURES	1.9	7	4	1	2	1	2	2	2	1	2
3996	HARD SURFACE FLOOR COVERINGS	1.9	4	3	1	1	1	1	1	1	-	1
3999	MANUFACTURING INDUSTRIES, NEC	-	3	-	-	1	-	1	-	1	1	1

Note: Figures for industry groups (3-digit) and major groups (2-digit) include data for all component industries whether or not separate figures are shown for individual industries in group.

- Represents less than .05. (D) Withheld to avoid disclosing the operations of individual companies.

¹Establishments with two or more methods of treating recirculated water are counted as one establishment.

²Industries which had no establishments treating recirculated water have been omitted. Also, see footnote 4, table 1A.

TABLE 9. Number of Establishments Reporting Treatment of Discharged Water, for Industry Groups and Selected Industries: 1973

SIC code	Industry group and industry	Discharged water treated (billion gallons)	Number of establishments treating discharged water, by method of treatment										
			Total ¹	Surface skimming	Neutralization (pH control)	Coagulation	Flotation	Primary settling	Biological oxidation	Secondary settling	Sand filtration	Chlorination	Other
	ALL INDUSTRIES, TOTAL ² . . .	6156.3	5320	1871	2337	948	571	2670	1843	1143	294	979	1132
20	FOOD AND KINDRED PRODUCTS. . .	246.9	1125	434	204	99	200	414	390	165	35	170	371
201	MEAT PRODUCTS.	57.3	319	202	16	33	123	145	122	46	1	46	61
2011	MEATPACKING PLANTS	40.5	171	114	6	17	67	92	67	27	1	19	27
2013	SAUSAGES AND OTHER PREPARED MEATS.	2.9	43	31	5	5	16	13	6	3	-	2	9
2016	POULTRY DRESSING PLANTS.	12.5	91	47	3	10	36	33	46	15	-	24	20
2017	POULTRY AND EGG PROCESSING	1.4	14	10	2	1	4	7	3	1	-	1	5
202	DAIRY PRODUCTS	4.5	95	10	32	6	6	17	43	10	3	14	16
2021	CREAMERY BUTTER. . . . .	.1	6	1	2	-	-	2	3	1	-	1	-
2022	CHEESE, NATURAL AND PROCESSED.	1.0	20	2	5	1	2	4	11	1	1	2	5
2023	CONDENSED AND EVAPORATED MILK.	1.5	17	3	6	2	1	5	10	4	-	5	1
2024	ICE CREAM AND FROZEN DESSERTS.	-	5	-	2	-	-	-	-	-	-	1	2
2026	FLUID MILK	1.9	47	4	17	3	3	6	19	4	2	0	10
203	PRESERVED FRUITS AND VEGETABLES.	67.6	339	92	59	9	25	92	103	34	11	53	210
2032	CANNED SPECIALTIES	9.5	25	7	1	1	3	5	6	2	-	-	17
2033	CANNED FRUITS AND VEGETABLES	18.4	186	30	37	3	2	36	58	13	6	37	132
2034	DEHYD. FRUITS, VEGETABLES, SOUPS	4.0	20	4	1	-	-	11	5	2	-	-	11
2035	PICKLES, SAUCES, SALAD DRESSINGS	1.1	18	5	7	-	-	3	4	1	-	-	10
2037	FROZEN FRUITS AND VEGETABLES	31.3	66	23	8	-	6	25	27	15	5	11	34
2038	FROZEN SPECIALTIES	3.3	24	23	5	5	14	12	3	1	-	1	6
204	GRAIN MILL PRODUCTS.	12.6	50	13	21	6	9	25	21	11	-	2	10
2041	FLOUR, OTHER GRAIN MILL PRODUCTS . . . . .	.4	7	1	2	1	1	3	2	-	-	1	3
2043	CEREAL BREAKFAST FOODS	1.4	5	1	1	1	-	3	-	-	-	1	-
2044	RICE MILLING . . . . .	.1	2	-	2	-	-	-	-	-	-	-	2
2045	BLENDED AND PREPARED FLOUR	-	2	-	1	-	-	1	1	1	-	-	-
2046	WET CORN MILLING	7.5	15	1	10	1	2	9	11	5	-	2	2
2047	DOG, CAT, AND OTHER PET FOOD	(D)	15	8	3	3	6	8	4	4	-	3	2
2048	PREPARED FEEDS, NEC.	(D)	4	2	2	-	-	1	3	1	-	1	1
205	BAKERY PRODUCTS. . . . .	.3	11	7	4	2	3	4	3	1	2	1	-
2051	BREAD, CAKE, AND RELATED PRODUCTS.	(D)	7	4	2	2	1	2	3	-	1	1	-
2052	COOKIES AND CRACKERS	(D)	4	3	2	-	2	2	-	1	1	-	-
206	SUGAR, CONFECTIONERY PRODUCTS.	80.5	85	8	11	12	3	52	46	28	1	6	32
2061	RAW CANE SUGAR	47.6	31	-	1	3	1	22	15	15	-	1	8
2062	CANE SUGAR REFINING	17.2	3	-	1	9	-	6	3	1	-	2	3
2063	BEET SUGAR	15.4	33	3	7	8	-	23	25	10	-	1	16
2065	CONFECTIONERY PRODUCTS	(D)	8	1	2	-	1	1	-	-	-	2	4
2066	CHOCOLATE AND COCOA PRODUCTS	(D)	4	2	1	-	1	-	-	-	-	-	1
207	FATS AND OILS.	9.7	106	79	33	18	23	51	26	22	6	11	5
2074	COTTONSEED OIL MILLS . . . . .	.1	4	1	-	-	-	4	1	1	1	-	-
2075	SOYBEAN OIL MILLS.	3.8	32	22	14	6	5	10	10	7	2	4	2
2076	VEGETABLE OIL MILLS, NEC. . . . .	.1	5	2	1	-	-	1	-	-	-	-	1
2077	ANIMAL AND MARINE FATS AND OILS.	1.9	37	30	3	5	8	26	12	11	1	6	1
2079	SHORTENING AND COOKING OILS.	3.8	28	24	15	7	10	10	3	3	2	1	1
208	BEVERAGES.	11.9	72	5	18	10	4	12	18	10	9	19	17
2082	MALT BEVERAGES	6.1	14	1	6	-	-	3	2	1	-	4	3
2083	MALT	2.2	10	-	-	-	1	1	1	1	-	4	5
2084	WINES, BRANDY, AND BRANDY SPIRITS.	(D)	7	1	4	-	-	1	2	1	-	1	2
2085	DISTILLED LIQUOR, EXCEPT BRANDY.	1.0	14	-	4	1	-	1	9	4	-	3	3
2086	BOTTLED AND CANNED SOFT DRINKS	1.7	25	2	4	9	1	5	4	3	9	6	3
2087	FLAVORING EXTRACTS, SIRUPS, NEC.	(D)	2	1	-	-	2	1	-	-	-	1	1
209	MISC. FOODS, KINDRED PRODUCTS.	2.5	48	18	10	3	4	16	8	3	2	8	18
2091	CANNED AND CURED SEAFOODS.	(D)	8	-	-	1	1	1	1	-	-	3	4
2092	FRESH OR FROZEN PACKAGED FISH. . . . .	.9	8	2	2	1	1	3	2	2	1	3	2
2095	ROASTED COFFEE	(D)	7	1	1	1	1	3	-	-	-	1	3
2097	MANUFACTURED ICE	-	2	2	-	-	-	-	1	-	-	1	-
2099	FOOD PREPARATIONS, NEC	(D)	23	13	7	1	1	9	4	1	1	-	9
2141	TOBACCO STEMMING AND REDRYING.	(D)	2	1	-	1	-	2	2	2	-	1	-
22	TEXTILE MILL PRODUCTS.	68.5	292	34	89	27	12	99	175	88	12	73	57
2211	WEAVING MILLS, COTTON.	6.9	43	6	11	3	2	14	29	17	3	14	3
2221	WEAVING MILLS, MANMADE FIBER, SILK.	5.6	49	3	12	4	2	14	34	22	3	9	7
2231	WEAVING AND FINISHING MILLS, WOOL.	3.3	14	1	3	-	1	7	7	4	-	2	6
225	KNITTING MILLS	8.3	43	7	16	3	1	10	28	10	1	17	9
2251	WOMEN'S HOSIERY, EXCEPT SOCKS.	(D)	5	-	-	-	-	1	2	-	-	-	2
2252	HOSIERY, NEC	(D)	1	-	-	-	-	-	1	-	-	1	-
2253	KNIT OUTERWEAR MILLS . . . . .	.3	4	1	2	-	-	2	2	1	-	2	2
2257	CIRCULAR KNIT FABRIC MILLS	5.8	25	3	11	4	-	4	17	5	1	10	5
2258	WARP KNIT FABRIC MILLS	2.1	8	3	3	3	1	3	6	4	-	4	-
226	TEXTILE FINISHING, EXCEPT WOOL	27.1	51	4	19	4	2	17	37	14	1	14	6
2261	FINISHING PLANTS, COTTON	9.8	17	3	4	2	1	6	13	8	1	5	-
2262	FINISH, PLTS, MANMADE FIBER, SILK.	15.7	23	1	10	2	1	8	16	3	-	5	5
2269	FINISHING PLANTS, NEC.	1.6	11	-	5	-	-	3	8	3	-	4	3
227	FLOOR COVERING MILLS	8.0	30	2	6	6	3	12	14	9	1	6	7
2271	WOVEN CARPETS AND RUGS	(D)	3	1	1	1	-	2	1	1	1	1	-
2272	TUFTED CARPETS AND RUGS	7.5	25	1	5	5	3	9	13	7	-	3	6
2279	CARPETS AND RUGS, NEC.	(D)	2	-	-	-	-	1	-	1	-	-	1
228	YARN AND THREAD MILLS.	6.1	35	3	12	2	-	12	19	6	2	7	5
2281	YARN MILLS, EXCEPT WOOL.	2.2	20	2	5	2	-	8	11	5	2	3	4
2282	THROWING AND WINDING MILLS	1.3	5	-	3	-	-	2	4	1	-	3	-
2283	WOOL YARN MILLS. . . . .	.4	3	-	1	-	-	1	1	-	-	-	1
2284	THREAD MILLS	2.1	7	1	3	-	-	1	3	-	-	1	-
229	MISCELLANEOUS TEXTILE GOODS.	3.0	27	8	10	5	1	13	7	6	1	4	12
2291	FELT GOODS, EXC. WOVEN FELT, HATS.	(D)	4	2	2	-	-	3	-	-	-	-	3
2292	LACE GOODS	(D)	1	1	-	-	-	-	-	-	1	-	-
2294	PROCESSED TEXTILE WASTE. . . . .	.9	3	-	1	-	-	-	-	-	-	-	3
2295	COATED FABRICS, NOT RUBBERIZED . . . . .	.3	5	2	3	1	1	1	2	1	-	1	1
2296	TIRE CORD AND FABRIC	(D)	2	-	-	1	-	-	-	-	-	1	1
2297	NONWOVEN FABRICS	1.1	5	3	3	1	-	2	1	2	-	1	3
2298	CORDAGE AND TWINE	(D)	1	-	-	-	-	1	1	-	-	1	-
2299	TEXTILE GOODS, NEC . . . . .	.3	6	-	1	2	-	5	3	2	-	-	-

See footnotes at end of table.

TABLE 9. Number of Establishments Reporting Treatment of Discharged Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Discharged water treated (billion gallons)	Number of establishments treating discharged water, by method of treatment										
			Total ¹	Surface skimming	Neutralization (pH control)	Coagulation	Flotation	Primary settling	Biological oxidation	Secondary settling	Sand filtration	Chlorination	Other
24	LUMBER AND WOOD PRODUCTS . . .	37.9	99	18	21	5	9	52	47	14	6	16	12
2411	LOGGING CAMPS, LOG CONTRACTORS . .	(D)	1	1	-	-	-	1	-	-	-	-	-
242	SAWMILLS AND PLANING MILLS . . .	28.0	41	7	3	2	4	21	16	3	3	5	7
2421	SAWMILLS, PLANING MILLS, GENERAL . .	27.9	39	7	3	2	4	20	15	3	3	5	7
2426	HARDWOOD DIMENSION AND FLOORING . .	-	2	-	-	-	-	1	1	-	-	-	-
243	MILLWORK, PLYWOOD, STRUC. MEMBS. .	(D)	31	6	5	-	3	15	18	5	1	5	3
2435	HARDWOOD VENEER AND PLYWOOD . . .	(D)	5	1	2	-	-	2	1	1	-	1	1
2436	SOFTWOOD VENEER AND PLYWOOD . . .	4.3	26	5	3	-	3	13	17	4	1	4	2
249	MISCELLANEOUS WOOD PRODUCTS . . .	5.2	26	4	13	3	2	15	13	6	2	6	2
2491	WOOD PRESERVING	(D)	2	1	2	1	1	2	1	1	1	1	-
2492	PARTICLEBOARD	(D)	8	1	1	1	1	5	3	1	1	3	1
2499	WOOD PRODUCTS, NEC	4.5	16	2	10	1	-	8	9	4	-	3	1
25	FURNITURE AND FIXTURES	(D)	21	5	13	3	2	10	5	5	-	5	5
251	HOUSEHOLD FURNITURE . . . . .	.3	10	2	7	1	1	4	2	3	-	2	2
2511	WOOD HOUSEHOLD FURNITURE . . . . .	.1	4	1	2	1	1	2	1	1	-	1	-
2514	METAL HOUSEHOLD FURNITURE	(D)	4	-	4	-	-	1	1	1	-	-	1
2515	MATTRESSES AND BEDSPRINGS	(D)	1	1	1	-	-	1	-	1	-	1	-
2517	WOOD TV AND RADIO CABINETS	(D)	1	-	-	-	-	-	-	-	-	-	1
2522	METAL OFFICE FURNITURE . . . . .	.1	3	-	1	1	-	1	2	1	-	1	1
2531	PUBLIC BLDG., RELATED FURNITURE . .	(D)	4	2	3	-	1	2	1	1	-	1	1
2542	METAL PARTITIONS AND FIXTURES . . .	(D)	1	-	1	-	-	1	-	-	-	-	1
2591	Drapery hardware, blinds, shades . .	.1	3	1	1	1	-	2	-	-	-	1	-
26	PAPER AND ALLIED PRODUCTS . . .	1249.9	445	96	94	104	49	316	197	109	12	63	90
2611	PULPMILLS	139.8	20	3	5	-	-	16	10	4	-	2	4
2621	PAPERMILLS, EXCEPT BUILDING PAPER .	621.3	189	47	52	62	27	148	76	44	5	27	23
2631	PAPERBOARD MILLS	451.1	160	31	23	26	15	121	87	48	4	21	42
264	MISC. CONVERTED PAPER PRODUCTS . .	27.9	33	5	7	3	1	11	10	2	1	5	10
2641	PAPER COATING AND GLAZING	16.8	11	2	3	2	1	3	3	-	1	3	3
2643	BAGS, EXCEPT TEXTILE BAGS	(D)	7	1	2	-	-	2	1	-	-	-	2
2645	DIE-CUT PAPER AND BOARD	(D)	1	-	-	-	-	-	-	-	-	-	1
2646	PRESSED AND MOLDED PULP GOODS . . .	(D)	9	2	1	-	-	4	4	1	-	1	2
2647	SANITARY PAPER PRODUCTS	(D)	3	-	1	-	-	1	2	1	-	1	1
2648	STATIONERY PRODUCTS	(D)	1	-	-	-	-	-	-	-	-	-	1
2649	CONVERTED PAPER PRODUCTS, NEC . . .	(D)	1	-	-	1	-	1	-	-	-	-	-
265	PAPERBOARD CONTAINERS AND BOXES . .	1.2	16	4	2	6	2	8	4	4	2	3	3
2651	FOLDING PAPERBOARD BOXES . . . . .	.2	3	1	1	1	-	2	-	-	1	1	1
2653	CORRUGATED AND SOLID FIBER BOXES . .	(D)	9	2	1	3	-	5	3	3	-	-	1
2654	SANITARY FOOD CONTAINERS	(D)	4	1	-	2	2	1	1	1	1	2	1
2661	BUILDING PAPER AND BOARD MILLS . . .	8.6	27	6	5	7	4	12	10	7	-	5	8
28	CHEMICALS AND ALLIED PRODUCTS . .	1577.5	831	333	514	145	59	510	358	221	54	165	161
281	INDUSTRIAL INORGANIC CHEMICALS . . .	188.4	190	37	120	32	4	127	52	46	9	25	41
2812	ALKALIES AND CHLORINE	104.7	22	6	11	1	-	17	6	3	2	3	9
2813	INDUSTRIAL GASES	(D)	17	4	-	-	2	5	4	3	-	2	4
2816	INORGANIC PIGMENTS	(D)	27	1	20	13	-	24	5	14	1	2	7
2819	INDUSTRIAL INORGANIC CHEM., NEC . .	44.0	124	26	81	18	2	81	37	26	6	18	21
282	PLASTICS MATERIALS, SYNTHETICS . . .	177.4	156	76	95	42	20	103	96	66	12	49	27
2821	PLASTICS MATERIALS AND RESINS . . .	105.7	94	51	58	27	12	62	46	33	10	20	17
2822	SYNTHETIC RUBBER	(D)	20	13	14	7	6	15	13	9	-	8	5
2823	CELLULOSIC MANMADE FIBERS	(D)	11	4	4	2	-	9	11	5	1	6	-
2824	ORGANIC FIBERS, NONCELLULOSIC . . .	43.2	31	9	19	6	2	17	26	19	1	15	5
283	DRUGS	15.2	45	13	31	6	2	18	24	12	3	12	8
2831	BIOLOGICAL PRODUCTS . . . . .	.4	4	2	3	-	-	2	3	1	-	3	-
2833	MEDICINALS AND BOTANICALS	3.0	9	6	3	2	2	6	5	4	1	2	2
2834	PHARMACEUTICAL PREPARATIONS	11.8	32	5	20	4	-	10	16	7	2	7	6
284	SOAPS, CLEANERS, TOILET GOODS . . .	4.4	37	12	22	5	4	15	15	5	-	4	6
2841	SOAP AND OTHER DETERGENTS	3.2	10	2	5	1	1	2	5	1	-	1	1
2842	POLISHES AND SANITATION GOODS . . .	.1	6	2	3	-	-	3	2	1	-	1	3
2843	SURFACE ACTIVE AGENTS	1.1	12	6	8	2	1	7	6	2	-	-	3
2844	TOILET PREPARATIONS . . . . .	.1	9	2	6	2	2	3	2	1	-	2	1
2851	PAINTS AND ALLIED PRODUCTS . . . . .	.9	10	5	3	2	-	7	2	3	-	-	-
286	INDUSTRIAL ORGANIC CHEMICALS . . .	1106.0	224	124	164	42	19	134	93	50	20	47	51
2861	GUM AND WOOD CHEMICALS	4.0	8	8	5	1	1	6	2	2	2	-	2
2865	CYCLIC CRUDES AND INTERMEDIATES . .	54.8	61	25	46	14	3	38	20	17	6	12	14
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC .	1047.2	155	91	113	27	15	90	71	31	12	35	35
287	AGRICULTURAL CHEMICALS	62.8	86	31	49	5	1	52	37	16	3	12	18
2873	NITROGENOUS FERTILIZERS	18.2	46	28	22	3	1	30	31	12	2	7	10
2874	PHOSPHATIC FERTILIZERS	18.9	28	2	17	-	-	15	5	4	1	3	4
2875	FERTILIZERS, MIXING ONLY	(D)	1	1	-	-	-	1	-	-	-	1	-
2879	AGRICULTURAL CHEMICALS, NEC	(D)	11	-	10	2	-	6	1	-	-	1	4
289	MISCELLANEOUS CHEMICAL PRODUCTS . .	22.3	83	35	30	11	9	54	39	23	7	16	10
2891	ADHESIVES AND SEALANTS . . . . .	.4	12	5	4	1	-	8	2	2	-	1	1
2892	EXPLOSIVES	11.4	10	3	6	2	2	7	8	1	1	7	1
2893	PRINTING INK	-	1	1	1	-	-	1	-	-	-	-	-
2895	CARBON BLACK . . . . .	.7	19	6	-	-	-	10	16	8	5	4	-
2899	CHEMICAL PREPARATIONS, NEC	9.8	41	20	19	8	7	28	13	12	1	4	8
29	PETROLEUM AND COAL PRODUCTS . . .	694.3	235	207	101	43	67	167	131	93	15	30	34
2911	PETROLEUM REFINING	692.8	205	196	97	41	66	144	127	84	13	27	32
295	PAVING AND ROOFING MATERIALS . . .	1.3	22	5	1	-	-	19	3	8	-	2	1
2951	PAVING MIXTURES AND BLOCKS . . . . .	.5	8	1	-	-	-	7	1	6	-	-	1
2952	ASPHALT FELTS AND COATINGS . . . . .	.8	14	4	1	-	-	12	2	2	-	2	-
299	MISC. PETROLEUM, COAL PRODUCTS . .	.2	8	6	3	2	1	4	1	1	2	1	1
2992	LUBRICATING OILS AND GREASES . . .	(D)	6	6	3	2	1	3	1	1	2	1	-
2999	PETROLEUM AND COAL PRODUCTS, NEC .	(D)	2	-	-	-	-	1	-	-	-	-	1

See footnotes at end of table.

TABLE 9. Number of Establishments Reporting Treatment of Discharged Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Discharged water treated (billion gallons)	Number of establishments treating discharged water, by method of treatment										
			Total ¹	Surface skimming	Neutralization (pH control)	Coagulation	Flotation	Primary settling	Biological oxidation	Secondary settling	Sand filtration	Chlorination	Other
30	RUBBER, MISC. PLASTICS PROD. . .	22.3	152	43	51	14	5	57	43	21	11	29	31
3011	TIRES AND INNER TUBES.	5.0	29	16	10	2	1	18	9	5	1	6	4
3021	RUBBER AND PLASTICS FOOTWEAR . . .	-	4	2	2	-	-	-	1	-	-	1	-
3031	RECLAIMED RUBBER	(D)	1	1	-	-	-	1	-	-	-	-	-
3041	RUBBER, PLASTICS HOSE AND BELTING. .	(D)	5	2	-	-	-	1	1	1	-	-	1
3069	FABRICATED RUBBER PRODUCTS, NEC. .	3.8	31	7	12	8	1	19	9	6	3	4	7
3079	MISCELLANEOUS PLASTICS PRODUCTS. .	17.6	81	15	27	4	3	18	23	9	7	15	19
3111	LEATHER TANNING AND FINISHING. . .	3.0	31	10	11	4	4	20	9	6	-	1	9
32	STONE, CLAY, GLASS PRODUCTS. . .	34.1	294	71	57	33	10	148	87	54	19	31	32
3211	FLAT GLASS	3.3	11	2	3	1	4	3	6	4	2	2	1
322	GLASS, PRESSED OR BLOWN.	8.8	72	49	20	11	3	27	14	13	1	5	6
3221	GLASS CONTAINERS	4.2	41	38	3	-	1	7	5	2	-	2	2
3229	PRESSED AND BLOWN GLASS, NEC . . .	4.6	31	11	17	11	2	20	9	11	1	3	4
3231	PRODUCTS OF PURCHASED GLASS. . . .	(D)	14	4	4	3	2	4	4	4	-	2	-
3241	CEMENT, HYDRAULIC.	6.1	59	2	5	3	-	23	26	6	7	12	14
325	STRUCTURAL CLAY PRODUCTS	(D)	5	2	2	1	-	2	2	1	-	-	1
3253	CERAMIC WALL AND FLOOR TILE. . . .	(D)	1	1	-	1	-	1	-	1	-	-	-
3255	CLAY REFRACTORIES.	(D)	4	1	1	-	-	1	2	-	-	-	1
326	POTTERY AND RELATED PRODUCTS . . .	1.3	20	4	7	6	1	13	5	6	3	3	1
3261	VITREOUS PLUMBING FIXTURES . . . .	.6	8	1	3	1	-	6	2	1	-	1	1
3262	VITREOUS CHINA FOOD UTENSILS . . .	(D)	4	1	-	3	-	1	1	2	2	1	-
3263	FINE EARTHENWARE FOOD UTENSILS . .	(D)	1	-	1	1	-	1	-	-	-	-	-
3264	PORCELAIN ELECTRICAL SUPPLIES. . . .	.6	7	2	3	1	1	5	2	3	1	1	-
327	CONCRETE, GYPSUM, PLASTER PRODS. .	3.6	49	-	3	3	-	32	16	13	5	3	3
3271	CONCRETE BLOCK AND BRICK	(D)	2	-	1	-	-	1	-	-	-	-	-
3272	CONCRETE PRODUCTS, NEC	(D)	3	-	-	-	-	3	-	1	-	-	1
3273	READY-MIXED CONCRETE	1.1	15	-	-	1	-	14	2	7	1	-	-
3274	LIME	1.8	13	-	2	2	-	9	6	4	2	-	-
3275	GYPSUM PRODUCTS. . . . .	.3	16	-	-	-	-	5	8	1	2	3	2
3281	CUT STONE AND STONE PRODUCTS	(D)	7	-	-	-	-	5	1	1	-	-	-
329	MISC. NONMETALLIC MINERAL PRODS. .	9.5	57	8	13	5	-	39	13	6	1	4	6
3291	ABRASIVE PRODUCTS.	1.0	8	1	1	-	-	6	-	-	-	-	2
3292	ASBESTOS PRODUCTS.	3.1	20	5	5	1	-	18	2	1	-	2	1
3293	GASKETS, PACKING, SEALING DEVICES. .	.9	3	2	1	-	-	2	-	-	-	1	-
3295	MINERALS, GROUND OR TREATED. . . .	3.8	9	-	1	2	-	5	2	-	-	-	1
3296	MINERAL WOOL . . . . .	.4	12	-	4	1	-	6	5	4	1	-	2
3297	NONCLAY REFRACTORIES	(D)	1	-	-	-	-	-	1	-	-	-	-
3299	NONMETALLIC MINERAL PRODUCTS, NEC. .	(D)	4	-	-	-	-	2	3	1	-	1	-
33	PRIMARY METAL INDUSTRIES	2055.2	520	229	266	145	38	319	153	127	45	105	79
331	BLAST FURNACE, BASIC STEEL PROD. . .	1710.0	227	116	119	67	19	156	55	63	26	42	29
3312	BLAST FURNACES AND STEEL MILLS . . .	1683.1	153	103	73	53	18	113	34	44	19	25	18
3313	ELECTROMETALLURGICAL PRODUCTS. . .	(D)	20	2	4	3	-	15	10	4	1	2	3
3315	STEEL WIRE AND RELATED PRODUCTS. . .	(D)	24	2	22	3	-	13	4	7	3	4	5
3316	COLD FINISHING OF STEEL SHAPES . . .	(D)	15	6	11	2	-	6	4	3	-	1	1
3317	STEEL PIPE AND TUBES	(D)	15	3	9	6	1	9	3	5	3	4	2
332	IRON AND STEEL FOUNDRIES	23.7	65	19	26	24	4	44	10	14	-	5	7
3321	GRAY IRON FOUNDRIES.	21.7	46	16	20	19	4	31	8	11	-	3	6
3322	MALLEABLE IRON FOUNDRIES	(D)	8	1	3	2	-	3	1	-	-	2	1
3324	STEEL INVESTMENT FOUNDRIES	(D)	1	-	1	-	-	1	1	-	-	-	-
3325	STEEL FOUNDRIES, NEC	1.2	10	2	2	3	-	9	-	2	-	-	-
333	PRIMARY NONFERROUS METALS.	293.2	53	20	20	10	3	36	36	18	5	22	9
3331	PRIMARY COPPER	1.5	8	1	2	1	-	3	5	1	1	2	2
3332	PRIMARY LEAD . . . . .	.8	4	-	1	-	-	3	2	1	-	-	1
3333	PRIMARY ZINC	(D)	5	2	2	1	-	4	2	2	-	2	1
3334	PRIMARY ALUMINUM	(D)	25	15	10	6	3	21	21	10	2	17	2
3339	PRIMARY NONFERROUS METALS, NEC . . .	(D)	11	2	5	2	-	5	6	4	2	1	3
3341	SECONDARY NONFERROUS METALS.	0.9	12	1	5	6	-	7	2	6	1	2	3
335	NONFERROUS ROLLING AND DRAWING . . .	23.5	123	61	80	29	8	57	38	22	10	25	24
3351	COPPER ROLLING AND DRAWING	9.9	39	20	28	11	3	17	6	3	4	2	5
3353	ALUMINUM SHEET, PLATE, AND FOIL. . .	7.6	17	12	12	6	4	9	10	5	1	11	9
3354	ALUMINUM EXTRUDED PRODUCTS	1.9	25	13	16	7	1	17	5	8	2	-	4
3355	ALUMINUM ROLLING AND DRAWING, NEC. .	(D)	5	2	1	-	-	2	2	2	-	2	1
3356	NONFERROUS ROLLING & DRAWING, NEC. .	(D)	11	4	9	3	-	5	5	2	-	2	3
3357	NONFERROUS WIREDRAWING, INSULATING. .	1.0	26	10	14	2	-	7	10	2	3	8	2
336	NONFERROUS FOUNDRIES	2.0	17	8	8	7	2	12	5	4	2	3	1
3361	ALUMINUM FOUNDRIES	1.7	8	6	3	4	1	5	2	1	-	-	1
3362	BRASS, BRONZE, COPPER FOUNDRIES. . .	(D)	2	-	-	-	-	1	-	-	1	1	-
3369	NONFERROUS FOUNDRIES, NEC.	(D)	7	2	5	3	1	6	3	3	1	2	-
339	MISC. PRIMARY METAL PRODUCTS	1.9	23	4	8	2	2	7	7	-	1	6	6
3398	METAL HEAT TREATING.	1.1	12	2	5	1	-	4	1	-	-	4	2
3399	PRIMARY METAL PRODUCTS, NEC. . . . .	.8	11	2	3	1	2	3	6	-	1	2	4
34	FABRICATED METAL PRODUCTS.	27.1	357	106	254	69	23	152	68	62	18	89	76
341	METAL CANS, SHIPPING CONTAINERS. . .	(D)	13	10	11	3	2	-	-	-	2	1	3
3411	METAL CANS	(D)	12	10	11	2	2	-	-	-	2	-	3
3412	METAL BARRELS, DRUMS, AND PAILS. . .	(D)	1	-	-	1	-	-	-	-	-	1	-
342	CUTLERY, HANDTOOLS AND HARDWARE. . .	2.4	47	13	33	11	2	23	3	9	2	15	12
3421	CUTLERY.	-	4	1	1	1	-	2	-	1	-	1	-
3423	HAND AND EDGE TOOLS, NEC	(D)	10	5	7	2	1	4	1	2	-	-	3
3429	HARDWARE, NEC.	(D)	33	7	25	8	1	17	2	6	2	14	9
343	PLUMBING, HEATING, EXCEPT ELEC. . .	(D)	13	3	12	2	-	6	3	4	1	4	2
3431	METAL SANITARY WARE.	(D)	6	2	5	2	-	4	2	3	1	2	-
3432	PLUMBING FITTINGS AND BRASS GOODS. .	.1	4	1	4	-	-	2	1	1	-	2	1
3433	HEATING EQUIPMENT, EXC. ELECTRIC. . .	(D)	3	-	3	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 9. Number of Establishments Reporting Treatment of Discharged Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Discharged water treated (billion gallons)	Number of establishments treating discharged water, by method of treatment										
			Total ¹	Surface skimming	Neutralization (pH control)	Coagulation	Flotation	Primary settling	Biological oxidation	Secondary settling	Sand filtration	Chlorination	Other
34	FABRICATED METAL PRODS.--CON.												
344	FABRICATED STRUC. METAL PRODS.	1.6	28	5	20	5	-	10	10	9	2	2	8
3441	FABRICATED STRUCTURAL METAL	.1	3	1	3	-	-	2	1	-	-	-	-
3442	METAL DOORS, SASH, AND TRIM	.7	9	1	7	2	-	3	3	3	1	1	3
3443	FABRICATED PLATEWORK, BOILER SHOP	.3	6	2	3	1	-	3	2	2	1	1	1
3444	SHEET METALWORK	(D)	6	-	3	1	-	1	4	2	-	-	2
3448	PREFABRICATED METAL BUILDINGS	(D)	1	-	1	-	-	-	-	-	-	-	1
3449	MISCELLANEOUS METALWORK	(D)	3	1	3	1	-	1	-	1	-	-	1
345	SCREW MACHINE PROD., BOLTS, ETC.	(D)	31	15	22	4	4	15	6	4	2	9	7
3451	SCREW MACHINE PRODUCTS	(D)	1	1	1	1	1	-	-	-	-	-	-
3452	BOLTS, NUTS, RIVETS, AND WASHERS	(D)	30	14	21	3	3	15	6	4	2	9	7
346	METAL FORGINGS AND STAMPINGS	3.2	57	25	37	17	11	30	6	6	1	4	8
3462	IRON AND STEEL FORGINGS	.4	9	7	2	1	1	2	-	1	-	-	2
3463	NONFERROUS FORGINGS	.4	3	-	2	-	1	3	1	1	-	1	-
3465	AUTOMOTIVE STAMPINGS	1.3	26	17	20	14	9	18	3	3	-	1	3
3469	METAL STAMPINGS, NEC	1.0	19	1	13	2	-	7	2	1	1	2	3
347	METAL SERVICES, NEC	5.3	96	13	80	14	1	33	13	12	2	36	31
3471	PLATING AND POLISHING	4.9	85	10	72	13	1	28	12	10	1	34	28
3479	METAL COATING AND ALLIED SERVICES	.3	11	3	8	1	-	5	1	2	1	2	3
348	ORDNANCE AND ACCESSORIES, NEC.	4.2	30	14	14	4	2	20	16	14	2	10	4
3482	SMALL ARMS AMMUNITION	1.1	4	3	4	3	1	4	2	4	-	3	1
3483	AMMUNITION, EXC. SMALL ARMS, NEC	2.2	17	6	6	1	-	9	9	6	1	3	1
3484	SMALL ARMS	(D)	3	2	1	-	-	2	1	-	-	-	1
3489	ORDNANCE AND ACCESSORIES NEC	(D)	6	3	3	-	1	5	4	4	1	4	1
349	MISC. FABRICATED METAL PRODUCTS	6.7	42	8	25	9	1	15	11	4	4	8	1
3493	STEEL SPRINGS, EXCEPT WIPE	(D)	1	1	1	-	-	1	-	-	-	1	-
3494	VALVES AND PIPE FITTINGS	(D)	17	1	10	3	-	5	5	2	1	-	-
3495	WIRE SPRINGS	(D)	1	-	-	-	-	-	-	-	-	-	-
3496	MISC. FABRICATED WIRE PRODUCTS	(D)	7	1	4	2	1	4	1	2	-	3	-
3497	METAL FOIL AND LFAF	.2	4	-	4	3	-	2	1	-	2	1	-
3498	FABRICATED PIPE AND FITTINGS	(D)	2	-	-	-	-	-	1	-	-	-	1
3499	FABRICATED METAL PRODUCTS, NEC	.4	10	5	4	1	-	3	3	-	-	3	-
35	MACHINERY, EXCEPT ELECTRICAL	40.7	225	95	130	52	26	88	46	36	16	39	32
351	ENGINES AND TURBINES	13.5	27	16	14	6	4	12	2	5	1	3	5
3511	TURBINES, TURBINE GENERATOR SETS	10.5	9	6	4	-	-	3	-	3	-	1	1
3519	INTERNAL COMBUSTION ENGINES, NEC	3.0	18	10	10	6	4	9	2	2	1	2	4
3523	FARM MACHINERY AND EQUIPMENT	(D)	14	9	8	4	3	8	1	1	1	1	-
353	CONSTRUCTION, RELATED MACHINERY	5.8	26	16	13	7	8	12	6	1	1	3	3
3531	CONSTRUCTION MACHINERY	5.6	16	13	10	6	7	9	3	-	1	1	2
3532	MINING MACHINERY	(D)	4	-	1	-	-	3	1	-	-	1	-
3533	OILFIELD MACHINERY	(D)	2	1	-	-	-	-	1	-	-	1	1
3535	CONVEYORS AND CONVEYING EQUIPMENT	-	2	-	1	-	-	-	1	-	-	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS	(D)	2	2	1	1	1	-	-	-	-	-	-
354	METALWORKING MACHINERY	(D)	27	4	12	3	1	8	6	3	2	6	4
3541	MACHINE TOOLS, METAL-CUTTING	(D)	9	-	5	1	1	4	-	1	1	3	2
3542	MACHINE TOOLS, METAL-FORMING	(D)	1	-	-	-	-	-	1	-	1	-	-
3544	SPECIAL DIES, TOOLS, JIGS, ETC	(D)	1	-	-	-	-	-	-	-	-	-	1
3545	MACHINE TOOL ACCESSORIES	.2	6	1	2	-	-	1	2	1	-	1	1
3546	POWER DRIVEN HANDTOOLS	.1	5	2	3	-	-	1	2	1	-	1	-
3547	ROLLING MILL MACHINERY	(D)	3	1	-	2	-	2	1	-	-	1	-
3549	METALWORKING MACHINERY, NEC	(D)	2	-	2	-	-	-	-	-	-	-	-
355	SPECIAL INDUSTRY MACHINERY	1.1	23	5	13	5	1	7	10	6	4	8	3
3551	FOOD PRODUCTS MACHINERY	.1	4	-	2	1	-	1	-	-	-	1	1
3552	TEXTILE MACHINERY	.6	8	2	4	2	-	3	6	3	1	5	1
3553	WOODWORKING MACHINERY	.2	6	2	4	1	1	2	1	1	3	1	1
3559	SPECIAL INDUSTRY MACHINERY, NEC	.3	5	1	3	1	-	1	3	2	-	1	-
356	GENERAL INDUSTRIAL MACHINERY	1.9	39	23	18	8	6	17	12	6	2	6	3
3561	PUMPS AND PUMPING EQUIPMENT	.2	4	2	3	1	-	-	1	-	-	-	1
3562	BALL AND ROLLER BEARINGS	.8	20	15	12	5	5	9	7	4	2	5	1
3563	AIP AND GAS COMPRESSORS	(D)	4	3	-	-	-	2	-	-	-	-	-
3566	SPEED CHANGERS, DRIVES, AND GEARS	(D)	2	1	-	1	-	1	1	-	-	-	-
3567	INDUSTRIAL FURNACES AND OVENS	(D)	1	-	-	-	-	-	-	-	-	1	1
3568	POWER TRANSMISSION EQUIPMENT, NEC	.6	7	2	2	1	1	5	2	2	-	-	-
3569	GENERAL INDUSTRIAL MACHINERY, NEC	(D)	1	-	1	-	-	-	1	-	-	-	-
357	OFFICE AND COMPUTING MACHINES	1.1	28	1	24	7	1	6	3	6	1	5	7
3573	ELECTRONIC COMPUTING EQUIPMENT	.7	20	1	16	6	1	6	3	3	1	4	5
3574	CALCULATING, ACCOUNTING MACHINES	(D)	3	-	3	-	-	-	-	1	-	1	1
3576	SCALES, BALANCES, EXC. LABORATORY	(D)	1	-	1	-	-	-	-	-	-	-	-
3579	OFFICE MACHINES, TYPEWRITERS, ETC.	(D)	4	-	4	1	-	-	-	2	-	-	1
358	REFRIGERATION AND SERVICE MACH.	7.7	31	16	22	10	2	12	6	6	3	6	4
3581	AUTOMATIC MERCHANDISING MACHINES	(D)	1	1	-	-	-	-	-	-	-	-	-
3582	COMMERCIAL LAUNDRY EQUIPMENT	(D)	1	-	1	-	-	-	-	-	-	-	-
3585	REFRIGERATION, HEATING EQUIPMENT	7.7	27	15	19	10	2	11	6	6	3	6	4
3586	MEASURING AND DISPENSING PUMPS	(D)	1	-	1	-	-	-	-	-	-	-	-
3589	SERVICE INDUSTRY MACHINERY, NEC	(D)	1	-	1	-	-	1	-	-	-	-	-
359	MISC. MACHINERY, EXC. ELEC	(D)	10	5	6	2	-	6	-	2	1	1	3
3592	CARBURETORS, PISTONS, RINGS, ETC.	(D)	8	4	5	1	-	4	-	2	1	1	3
3599	MACHINERY, EXCEPT ELECTRICAL, NEC	(D)	2	1	1	1	-	2	-	-	-	-	-
36	ELECTRIC, ELECTRONIC EQUIP	31.1	365	66	302	85	12	146	52	70	22	77	72
361	ELECTRIC DISTRIBUTING EQUIPMENT	1.6	24	4	20	5	4	12	7	5	4	7	4
3612	TRANSFORMERS	(D)	7	2	6	2	2	6	3	3	3	2	1
3613	SWITCHGEAR, SWITCHBOARD APPARATUS	(D)	17	2	14	3	2	6	4	2	1	5	3

See footnotes at end of table.

TABLE 9. Number of Establishments Reporting Treatment of Discharged Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Discharged water treated (billion gallons)	Number of establishments treating discharged water, by method of treatment										
			Total ¹	Surface skimming	Neutralization (pH control)	Coagulation	Flotation	Primary settling	Biological oxidation	Secondary settling	Sand filtration	Chlorination	Other
36	ELEC., ELECTRONIC EQUIP.--CON.												
362	ELECTRICAL INDUSTRIAL APPARATUS.	3.5	33	14	19	10	1	21	6	9	2	9	7
3621	MOTORS AND GENERATORS.	(D)	10	6	6	3	-	8	2	4	2	4	2
3622	INDUSTRIAL CONTROLS. . . . .	.5	9	4	8	3	1	3	1	3	-	3	4
3623	WELDING APPARATUS, ELECTRIC. . . .	.1	3	2	3	2	-	2	1	-	-	1	1
3624	CARBON AND GRAPHITE PRODUCTS. . .	(D)	9	2	-	2	-	8	2	2	-	1	-
3629	ELEC. INDUSTRIAL APPARATUS, NEC. .	(D)	2	-	2	-	-	-	-	-	-	-	-
363	HOUSEHOLD APPLIANCES.	4.5	53	19	45	19	1	24	4	11	3	7	11
3631	HOUSEHOLD COOKING EQUIPMENT. . . .	(D)	11	2	10	4	-	4	-	3	1	2	1
3632	HOUSEHOLD REFRIGERATORS, FREEZERS.	1.2	7	5	5	3	1	2	-	1	-	1	2
3633	HOUSEHOLD LAUNDRY EQUIPMENT. . . .	1.2	9	5	9	5	-	5	-	3	-	1	-
3634	ELECTRIC HOUSEWARES AND FANS. . . .	.7	16	4	14	4	-	7	3	4	1	2	6
3635	HOUSEHOLD VACUUM CLEANERS.	(D)	4	1	2	1	-	2	1	-	1	-	2
3636	SEWING MACHINES.	(D)	1	1	-	-	-	1	-	-	-	-	-
3639	HOUSEHOLD APPLIANCES, NEC. . . . .	.4	5	1	5	2	-	3	-	-	-	1	-
364	ELEC. LIGHTING, WIRING EQUIP. . . .	3.1	39	5	32	3	1	16	4	4	2	10	6
3641	ELECTRIC LAMPS. . . . .	.1	8	-	7	-	-	-	-	-	-	-	2
3643	CURRENT-CARRYING WIRING DEVICES. .	1.2	8	1	6	1	-	6	-	2	2	1	-
3644	NONCURRENT-CARRYING WIRING DEVICES.	.7	6	2	6	1	-	3	-	-	-	1	1
3645	RESIDENTIAL LIGHTING FIXTURES. . . .	(D)	6	-	4	-	-	2	-	2	-	1	1
3646	COMMERCIAL LIGHTING FIXTURES. . . .	-	3	-	2	-	-	2	1	-	-	1	-
3647	VEHICULAR LIGHTING EQUIPMENT. . . .	(D)	3	1	3	1	1	2	1	-	-	1	1
3648	LIGHTING EQUIPMENT, NEC. . . . .	.6	5	1	4	-	-	1	2	-	-	1	1
365	RADIO, TV RECEIVING EQUIPMENT. . . .	.7	8	1	7	-	-	3	1	1	-	2	3
3651	RADIO AND TV RECEIVING SETS. . . .	(D)	5	-	5	-	-	2	-	-	-	2	2
3652	PHONO, RECORDS, PRERECORDED TAPE. .	(D)	3	1	2	-	-	1	1	1	-	-	1
366	COMMUNICATION EQUIPMENT.	3.4	60	10	55	23	2	21	7	10	2	18	19
3661	TELEPHONE AND TELEGRAPH APPARATUS.	1.9	21	4	20	11	2	4	2	6	1	9	10
3662	RADIO AND TV COMMUNICATION EQUIP. .	1.8	39	6	35	12	-	17	5	4	1	9	9
367	ELECTRONIC COMPONENTS, ACCESS. . .	10.2	88	3	72	16	1	31	18	19	7	17	16
3671	ELECTRON TUBES, RECEIVING TYPE. . .	-	4	-	3	-	-	-	-	-	-	-	1
3672	CATHODE RAY TV PICTURE TUBES. . . .	.7	5	-	3	2	-	3	-	2	1	-	2
3673	ELECTRON TUBES, TRANSMITTING. . . .	.6	9	1	6	1	-	3	1	3	1	2	2
3674	SEMICONDUCTORS, RELATED DEVICES. . .	5.6	27	1	24	6	1	4	4	5	-	5	5
3675	ELECTRONIC CAPACITORS. . . . .	.8	11	1	5	-	-	5	3	3	2	1	1
3676	ELECTRONIC RESISTORS.	(D)	4	-	2	1	-	1	-	-	-	-	1
3677	ELECTRONIC COILS AND TRANSFORMERS.	(D)	2	-	2	1	-	1	1	-	-	1	2
3678	ELECTRONIC CONNECTORS. . . . .	.3	5	-	4	1	-	2	2	1	-	3	1
3679	ELECTRONIC COMPONENTS, NEC.	2.0	22	-	21	4	-	12	7	5	3	5	3
369	MISC. ELEC. EQUIPMENT, SUPPLIES. . .	3.0	60	10	52	9	2	18	5	11	2	7	4
3691	STORAGE BATTERIES.	2.5	40	1	40	-	-	13	2	6	-	1	1
3692	PRIMARY BATTERIES, DRY AND WET. . .	-	3	-	2	1	-	-	-	2	-	1	1
3693	X-RAY APPARATUS AND TUBES.	(D)	1	-	1	-	1	-	1	1	1	1	-
3694	ENGINE ELECTRICAL EQUIPMENT.	1.1	14	9	9	7	1	5	1	1	1	4	2
3699	ELECTRICAL EQUIP., SUPPLIES, NEC. . .	(D)	2	-	1	-	-	-	1	1	-	1	-
37	TRANSPORTATION EQUIPMENT.	43.1	216	103	151	89	48	118	53	42	20	50	46
371	MOTOR VEHICLES AND EQUIPMENT. . . .	28.0	120	72	87	62	40	69	30	23	10	19	29
3711	MOTOR VEHICLES AND CAR BODIES. . . .	(D)	41	20	26	23	17	30	11	7	2	6	12
3713	TRUCK AND BUS BODIES.	(D)	1	1	-	-	1	-	-	-	-	-	-
3714	MOTOR VEHICLE PARTS, ACCESSORIES. . .	18.9	78	51	61	39	22	39	19	16	8	13	17
372	AIRCRAFT AND PARTS.	12.6	52	19	41	20	6	26	13	12	6	17	14
3721	AIRCRAFT.	2.9	15	7	12	8	4	11	5	4	2	5	5
3724	AIRCRAFT ENGINES AND ENGINE PARTS.	8.7	17	6	11	6	1	7	5	4	2	6	5
3726	AIRCRAFT EQUIPMENT, NEC. . . . .	.6	20	6	18	6	1	8	3	4	2	6	4
3731	SHIP BUILDING AND REPAIRING. . . . .	.7	7	3	3	1	1	2	1	1	2	-	-
3743	RAILROAD EQUIPMENT.	(D)	7	5	3	3	-	5	1	1	-	1	1
3751	MOTORCYCLES, BICYCLES, AND PARTS. .	.7	7	2	4	1	-	5	1	1	-	1	2
376	GUIDED MISSILES, SPACE VEHICLES. . .	.6	21	1	11	2	-	9	7	4	2	7	-
3761	GUIDED MISSILES, SPACE VEHICLES. . .	.2	9	-	5	1	-	5	1	1	1	1	-
3764	SPACE PROPULSION UNITS AND PARTS. . .	.1	9	-	2	-	-	2	5	1	1	5	-
3769	SPACE VEHICLE EQUIPMENT, NEC. . . .	.3	4	1	4	1	-	2	1	2	-	1	-
379	MISC. TRANSPORTATION EQUIPMENT. . .	(D)	2	1	2	-	1	2	-	-	-	-	-
3795	TANKS AND TANK COMPONENTS.	(D)	1	-	1	-	-	1	-	-	-	-	-
3799	TRANSPORTATION EQUIPMENT, NEC. . . .	(D)	1	1	1	-	1	1	-	-	-	-	-
38	INSTRUMENTS, RELATED PRODUCTS. . . .	16.4	71	17	52	18	3	31	19	15	4	18	20
3811	ENGINEERING, SCIENTIFIC INSTRU. . . .	(D)	3	-	2	-	-	1	1	1	-	-	1
382	MEASURING, CONTROLLING DEVICES. . . .	1.2	31	7	25	7	1	13	6	7	-	9	10
3822	ENVIRONMENTAL CONTROLS. . . . .	.3	10	3	9	4	1	5	1	3	-	4	3
3823	PROCESS CONTROL INSTRUMENTS. . . . .	.2	9	2	7	1	-	4	2	2	-	2	1
3824	FLUID METERS AND COUNTING DEVICES. . .	(D)	2	-	1	-	-	-	-	-	-	-	1
3825	INSTRU. TO MEASURE ELECTRICITY. . . .	.6	7	2	5	1	-	3	3	2	-	3	2
3829	MEASURING, CONTROLLING DEVICES, NEC.	(D)	3	-	3	1	-	1	-	-	-	-	1
384	MEDICAL INSTRUMENTS, SUPPLIES. . . .	.7	15	4	11	2	-	6	5	1	2	3	2
3841	SURGICAL AND MEDICAL INSTRUMENTS. .	(D)	8	1	5	2	-	3	3	1	1	2	1
3842	SURGICAL APPLIANCES AND SUPPLIES. . .	(D)	4	2	3	-	-	2	1	-	-	-	1
3843	DENTAL EQUIPMENT AND SUPPLIES. . . .	-	3	1	3	-	-	1	1	-	1	1	-
3851	OPHTHALMIC GOODS. . . . .	.7	5	3	2	4	2	4	1	1	-	1	-
3861	PHOTOGRAPHIC EQUIP. AND SUPPLIES. . .	13.6	15	3	10	5	-	7	6	5	2	6	6
3873	WATCHES, CLOCKS, AND WATCHCASES. .	(D)	2	-	2	-	-	-	-	-	-	-	1
39	MISC. MANUFACTURING INDUSTRIES. . . .	2.5	39	3	27	12	4	21	8	13	5	17	5
391	JEWELRY, SILVER AND PLATED WARE. . . .	.2	5	1	5	1	1	4	1	2	1	3	-
3911	JEWELRY, PRECIOUS METAL.	(D)	1	-	1	-	-	1	-	-	-	-	-
3914	SILVERWARE AND PLATED WARE.	(D)	4	1	4	1	1	3	1	2	1	3	-
3931	MUSICAL INSTRUMENTS.	(D)	2	-	1	-	-	-	1	1	-	-	1
394	TOYS AND SPORTING GOODS.	(D)	6	1	4	3	-	5	1	2	1	1	-
3944	GAMES, TOYS, CHILDREN'S VEHICLES. . .	(D)	2	-	1	1	-	1	-	-	1	1	-
3949	SPORTING AND ATHLETIC GOODS, NEC. . .	(D)	4	1	3	2	-	4	1	2	-	-	-

See footnotes at end of table.

TABLE 9. Number of Establishments Reporting Treatment of Discharged Water, for Industry Groups and Selected Industries: 1973—Continued

SIC code	Industry group and industry	Discharged water treated (billion gallons)	Number of establishments treating discharged water, by method of treatment										
			Total ¹	Surface skimming	Neutralization (pH control)	Coagulation	Flotation	Primary settling	Biological oxidation	Secondary settling	Sand filtration	Chlorination	Other
39	MISC. MANUFACTURING INDUSTRIES--CON.												
395	PENS, OFFICE AND ART GOODS . . .	(D)	3	-	2	-	-	1	1	-	1	2	-
3951	PENS AND MECHANICAL PENCILS . . .	(D)	1	-	-	-	-	-	-	-	1	1	-
3952	LEAD PENCILS AND ART GOODS . . .	(D)	2	-	2	-	-	1	1	-	-	1	-
396	COSTUME JEWELRY AND NOTIONS . . .	0.5	14	1	12	6	1	7	3	4	1	2	3
3961	COSTUME JEWELRY. . . . .	.1	4	-	4	-	-	1	1	-	-	2	-
3964	NEEDLES, PINS, AND FASTENERS . . .	.4	10	1	8	6	1	6	2	4	1	6	3
399	MISCELLANEOUS MANUFACTURES . . .	1.4	9	-	3	2	2	4	1	4	1	3	1
3991	BROOMS AND BRUSHES	(D)	1	-	-	-	1	-	-	-	-	-	-
3996	HARD SURFACE FLOOR COVERINGS . . .	(D)	4	-	1	2	1	2	1	3	-	-	-
3999	MANUFACTURING INDUSTRIES, NEC. . .	.9	4	-	2	-	-	2	-	1	1	3	-

Note: Figures for industry groups (3-digit) and major groups (2-digit) include data for all component industries whether or not separate figures are shown for individual industries in group.

- Represents less than .05. (D) Withheld to avoid disclosing the operations of individual companies.

¹Establishments with two or more methods of treating discharge water are counted as one establishment.

²Industries which had no establishments treating discharge water have been omitted. Also, see footnote 4, table 1A.

Textile Machinery in Place

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EXPLANATORY TEXT

GENERAL

This report supplements the 1972 Census of Manufactures data shown for SIC Major Group 22, Textile Mill Products, in the industry reports series. The data included in this report were collected in an independent survey through a mail canvass on Census Form MC-22Z, Textile Machinery in Place as of December 31, 1973, as part of the Census of Manufactures for 1972.

SCOPE OF SURVEY

The manufacturing establishments reporting in this survey are defined as a single physical location where manufacturing operations are performed (e.g., a factory, mill, or plant). They were selected from the 1972 Census of Manufactures mailing panel for specific textile industries as defined and structured in the 1972 edition of the Standard Industrial Classification (SIC) Manual, published by the Office of Management and Budget, Executive Office of the President. The specific industries included cover the major textile operations, as follows: Yarn spinning (SIC 2281 and 2283), yarn texturing and throwing (SIC 2282), weaving (SIC 2211, 2221, and 2231), knitting (SIC 2251, 2252, 2253, 2254, 2257, 2258, and 2259), yarn and fabric finishing (SIC 2261, 2262, and 2269), tire cord and tire cord fabric (SIC 2296), and carpet and rugs (SIC 2271, 2272, and 2279). Since a portion of textured yarn is also produced by chemical companies manufacturing filament yarn (SIC 2823 and 2824), respondents were also selected from these operations. However, the machinery in place at narrow fabric mills (SIC 2241), coated fabric plants (SIC 2295), and nonwoven fabric mills (SIC 2297) were excluded from this survey.

METHOD OF OPERATION

The textile industries are characterized by several major types of business activities: Manufacturers, contractors, jobbers, converters, wholesalers, and piece-goods dealers.

The "manufacturer" purchases materials, employs production workers in his own plant to produce the product, and sells the product; in effect, this establishment performs all of the usual manufacturing functions.

The "contractor" employs production workers in his own establishment to process materials owned by other companies (independent contractors) or supplied by other establishments of the same company (multiplant company contractor),

makes products to specification, and is not involved in the sale of the finished product.

The "jobber", "converter", "wholesaler", and "piece-goods dealer" primarily perform only the entrepreneurial functions of the textile business, such as buying raw materials, designing and preparing samples, arranging for the manufacture of his product from his own materials with contractors, and marketing the finished product.

The reporting establishments were asked to indicate their type of business (manufacturer, contractor, or jobber) and the kinds of operations (spinning, weaving, etc.) performed at each manufacturing location. Since there is a large degree of integrated or vertical operations within the establishments in the textile industries, each respondent received a complete copy of the report form including all machinery descriptions collected in this report. This gave the respondent the opportunity to report the machinery in place for all operations performed at his plant location. The information concerning the type of business and kind of operation of the respondent was then cross-checked against the type of machinery reported by that respondent to ensure a complete and full report from each reporting unit. Basically, the majority of the machinery-in-place data shown in this report are located at manufacturing and contracting establishments. However, only the jobbers within the knitting industries were mailed report forms since they are considered within the scope of the census of manufactures. All other jobbers, wholesalers, converters, and piece-goods dealers were excluded from the mailing panel of this survey.

All respondents were asked to report the number of machines in place. For the purpose of this report, "in place" includes all machinery set up in operating positions even though the machinery may have been idle on December 31, 1973. In addition, the respondents were also asked to include sample machinery.

SURVEY COVERAGE

As a means of evaluating the coverage of this information, the employment figures for those establishments responding to our survey were tabulated by four-digit SIC industries in which the responding establishments are classified. The total employment figure of the reporting establishments of each four-digit SIC industry was then compared to the total employment figure of the respective four-digit SIC industry as shown in the 1972 Census of Manufactures preliminary industry reports. The figures presented in this report are simple aggregates of reported data from companies representing approximately 90

EXPLANATORY TEXT—Continued

percent of total employment in the industries covered by this survey. The reporting percentage shown above may be slightly higher or lower in some cases as a result of plants that were out of scope of this survey or out of business and had sold or dismantled their equipment during 1973. These plants were counted as reporting establishments, and their employment data were used in the computation of the reporting percentage. Also, an attempt was made to contact any known successors to the plants that went out of business during 1973. Conversely, several multiplant companies had new plants come into business during 1973 and they were reported to us. Although the data for the successor establishments and new plants are included in the tables, they had no employees in 1972 and, therefore, could not be included in the reporting percentage.

COMPARABLE CURRENT INDUSTRIAL REPORTS SERIES DATA

The data for selected types of machinery in place are also collected in the Current Industrial Reports (CIR) series of the

Census Bureau. The comparable figures from selected CIR series are shown and each table is footnoted, where applicable, to indicate the appropriate CIR series containing the comparable machinery-in-place data.

Although excluded from this survey, the number of machines in place at narrow fabric mills (SIC 2241) are available in Current Industrial Reports, annual series, MA-22G, Narrow Fabrics.

COMPARABLE PRIOR CENSUS OF MANUFACTURES DATA

Similar textile machinery-in-place data were shown in previous census of manufactures publications. Volume II, Industry Statistics, Part 1, Major Groups 20 to 28 of the 1963 and the 1958 censuses of manufactures included textile machinery-in-place data for selected years between 1954 and 1965. Where applicable, selected comparable figures from these publications are shown in the tables of this report.

TABLE 1A. Cotton System Machinery in Place, for Textile Fiber and Yarn Preparation: December 31, 1973, 1958, and 1954

Type of machinery	Unit of measure	Total number in place at end of year			Type of machinery	Unit of measure	Total number in place at end of year		
		1973 ¹	1958	1954			1973 ¹	1958	1954
Pickers.....	Number....	2,944	3,276	(NA)	Cotton system spinning spindles--Continued				
Cards.....	...do.....	46,505	88,312	88,670	By type of spinning--Con.				
Drawing.....	Deliveries	24,640	(NA)	(NA)	Ringless.....	Producing positions.	30,423	(NA)	(NA)
Combers.....	...do.....	6,311	4,737	5,996					
Roving machinery spindles.....	1,000....	728	1,307	2,034	Doubling and twisting spindles:				
					Ring spindles, total.....	1,000....	1,869	2,657	2,992
Cotton system spinning spindles, total ².....	...do.....	17,865	19,210	21,574	4 inches and smaller.....	...do.....	1,312	³ 1,836	³ 2,333
By type of stand:					Larger than 4 inches.....	...do.....	557	⁴ 821	⁴ 659
Fixed roll.....	...do.....	5,943	(NA)	(NA)	Throwing spindles ⁵.....	...do.....	456	⁶ 1,729	2,629
Variable roll.....	...do.....	11,922	(NA)	(NA)	Winders, spoolers, total.....	Producing positions.	761,987	(NA)	(NA)
					Automatic.....	...do.....	468,567	(NA)	(NA)
By type of spinning:					Manual.....	...do.....	293,420	(NA)	(NA)
Ring spun, total.....	...do.....	17,865	19,210	21,574	Warping and beaming equipment, total.....	Number....	2,862	1,622	(⁷)
1 3/8 inches and smaller..	...do.....	1,303	2,615	3,776	Spindle driven.....	...do.....	1,155	(NA)	(NA)
1 7/16 inches to 1 3/4 in.	...do.....	2,653	3,840	5,242	Drum driven.....	...do.....	1,707	(NA)	(NA)
1 13/16 in. to 2 1/4 in...	...do.....	10,198	9,428	9,856	Slashing and sizing equipment..	...do.....	1,056	(NA)	(NA)
2 5/16 inches and larger..	...do.....	3,711	3,327	2,700					

Note: Cotton system spindles in place are collected on a monthly basis and published in Current Industrial Reports, series M22P, Cotton, Manmade Fiber Staple, and Linters.

(NA) Not available.

¹The figures presented in this table are simple aggregates of reported data from companies representing approximately 90 percent of total employment in the industries covered by this survey.

²The term "cotton system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. (See Table 2A, Woolen, Worsted, and Synthetic Machinery in Place: December 31, 1973 and 1969.)

³Includes ring spindles 3 1/2 inches and smaller.

⁴Includes ring spindles 3 9/16 inches and larger.

⁵Includes up-twisters of either the conventional or 2-for-1 type.

⁶A number of plants reporting the production of throw yarn doubling and twisting spindles rather than throwing spindles.

⁷The 1954 data for high-speed warpers appear to have been overstated. However, the material needed to correct this information was not available.

TABLE 1B. Cotton System Spinning Spindles in Place, by Geographic Area: December 31, 1973 and 1972

(Thousands)

Geographic area	1973—total number in place at end of year			1972—total number in place at end of year ¹
	Type of stand		Ring-spun spindles	
	Fixed roll	Variable roll		
United States, total.....	5,943	11,922	17,865	19,089
Cotton-growing States.....	5,796	11,785	17,581	18,752
Alabama.....	506	1,180	1,686	1,730
Georgia.....	1,045	1,122	2,167	2,532
North Carolina.....	1,699	4,281	5,980	6,470
South Carolina.....	1,992	4,636	6,628	6,698
Tennessee.....	96	306	402	460
Texas.....	(D)	(D)	(D)	189
Virginia.....	(D)	(D)	(D)	588
Other States.....	-	80	80	85
New England.....	147	137	284	337
Rest of United States.....				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

¹Figures are for Current Industrial Reports, series M22P, Cotton, Manmade Fiber Staple, and Linters, January 1973. Data include ringless spindles.

TABLE 1C. Cotton System Spinning Spindles in Place, by Type of Mill: December 31, 1973

(Thousands)

Type of mill	Type of stand		Ring-spun spindles
	Fixed roll	Variable roll	
Total, all industries.....	5,943	11,922	17,865
Cotton mills (SIC 2211).....	1,970	4,349	6,319
Manmade fiber mills (SIC 2221).....	1,924	3,817	5,741
Spinning mills (SIC 2281).....	1,897	3,329	5,226
All other mills (SIC other than above)..	152	427	579

TABLE 2A. Woolen, Worsted, and Synthetic Machinery in Place: December 31, 1973 and 1969

Type of machinery	Total number in place at end of year	
	1973 ¹	1969 ²
Woolen and worsted spindles, total.	1,256,139	1,199,709
Woolen system spindles, total.....	299,963	449,497
By end use:		
For carpet.....	72,947	(NA)
For uses other than carpet.....	227,016	(NA)
By type:		
Mule.....	14,445	(NA)
Frame.....	285,518	(NA)
Worsted system spindles, total.....	769,320	750,212
By end use:		
For carpet yarn (including semi-worsted).....	165,905	(NA)
For uses other than carpet.....	603,415	(NA)
By type:		
Spinning spindles.....	613,711	(NA)
Doubling and twisting spindles.....	155,609	(NA)
American (modified worsted) system spindles.....	141,147	(NA)
All other spinning system spindles.....	45,709	(NA)
Machine for converting manmade fiber tow to top or sliver.....	1,894	(NA)
Woolen and worsted cards.....	2,670	(NA)
Worsted combs.....	870	1,407

(NA) Not available.

¹Figures for 1973 are simple aggregates of reported data from companies representing approximately 90 percent of total employment in the industries covered by this survey.

²Figures for 1969 are from the Current Industrial Reports, series MA22E, Woolen and Worsted Machinery Activity. This report was terminated following the publication for December 31, 1969.

TABLE 2B. Woolen and Worsted System Spinning Spindles in Place, by Type and by Geographic Area: December 31, 1973

Geographic area	Woolen system		Worsted system	
	Mule	Frame	Spinning spindles	Doubling and twisting spindles
United States, total.....	14,445	285,518	613,711	155,609
Northeast Region.....	(D)	123,776	58,456	20,314
New England Division...	(D)	95,303	(D)	13,878
Maine.....	(D)	32,895	(D)	3,600
New Hampshire.....	-	14,586	(D)	(D)
Massachusetts.....	-	31,240	16,732	2,202
Rhode Island.....	-	8,212	20,104	7,276
Middle Atlantic Div....	(D)	28,473	(D)	6,436
New York.....	(D)	(D)	(D)	830
Pennsylvania.....	(D)	16,269	(D)	5,606
South Region.....	(D)	146,487	546,249	134,247
South Atlantic Division	(D)	118,504	512,037	116,959
North Carolina.....	-	44,196	289,220	67,402
South Carolina.....	-	13,224	110,961	17,275
Georgia.....	-	53,506	90,472	31,470
East South Central Division.....	-	25,282	30,452	11,178
Tennessee.....	-	14,440	-	-
Alabama.....	-	(D)	14,990	7,592
West South Central Division.....	-	(D)	(D)	6,110

Note: Detail may not add to total due to region, division, and State data which have been withheld to avoid disclosing figures for individual companies.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 3. Textured-Yarn Machinery in Place, for Filament Yarn Preparation: December 31, 1973

Type of machinery	Unit of measure	Total number in place at end of year ¹	Type of machinery	Unit of measure	Total number in place at end of year ¹
False twist:			Knit-deknit:		
Double heater, total.....	Spindles..	301,979	Circular machines.....	Heads in place.	5,440
Draw texturing ².....	...do....	141,607	V-bed flat machines.....	Units in place.	723
Other.....	...do....	160,372	Edge crimping (Agilon).....	Producing positions	12,224
Single heater.....	...do....	365,013	Gear crimping (Mylast).....	...do....	(D)
Air jet (Taslan).....	Producing positions	8,139	Conventional--twist, heat set, untwist (Helanca)	Spindles..	61,857
			Friction twist.....	Producing positions	14,488
Stuffer box (Banlon).....	...do....	19,247	Trapped twist.....	...do....	2,740

(D) Withheld to avoid disclosing figures for individual companies.

¹The figures presented in this table are simple aggregates of reported data from companies representing approximately 90 percent of total employment in the industries covered by this survey.

²Machines limited to a separate draw zone adjacent to the texturing components of the machine.

TABLE 4A. Broad-Fabric Weaving Looms in Place, by Type and by Width of Loom: December 31, 1973

Width of loom ¹	Total number in place at end of year ²	Type of loom (number)					
		Single shuttle (cam and dobby)	Multiple shuttle-box or head motion looms	Jacquard	Double shuttle pile and plush	Shuttleless looms	
						Single color (cam and dobby)	Multicolor
Total looms.....	331,929	272,275	28,844	9,633	2,359	14,623	4,195
40 inches and under.....	31,202	25,792	3,539	1,391	(D)	(D)	(D)
41 to 50 inches.....	139,260	128,322	5,433	935	(D)	3,659	(D)
51 to 60 inches.....	79,156	61,820	10,079	3,600	797	2,424	436
61 to 70 inches.....	32,022	24,577	1,879	1,750	495	2,744	577
71 to 80 inches.....	8,697	4,996	2,057	995	-	177	472
81 to 90 inches.....	24,743	17,828	2,042	333	-	2,459	2,081
91 to 100 inches.....	6,820	5,102	1,503	142	(D)	(D)	(D)
101 to 130 inches.....	7,315	3,003	1,123	420	(D)	2,349	(D)
131 inches and over.....	2,714	835	1,189	67	-	539	84

Note: Broad-fabric weaving looms in place are collected on a quarterly basis and published in Current Industrial Reports, series MQ-22T.1, Cotton Broadwoven Gray Goods; MQ-22T.2, Manmade Fiber Broadwoven Gray Goods; MQ-22T.3, Wool Broadwoven Goods; and MQ-22T.4, Tire Cord and Tire Cord Fabrics.

- Represents zero. (D) Withheld to avoid disclosure of figures for individual companies.

¹Represents the maximum width that can be woven (width at take-off point) and not the finished width of the fabric. Narrow-fabric looms (12 inches or smaller) are not included.

²The figures presented in this column are simple aggregates of reported data from companies representing approximately 90 percent of total employment in the industries covered by this survey.

TABLE 4B. Broad-Fabric Weaving Looms in Place, by Type of Loom and by Geographic Area: December 31, 1973

Geographic area	Total number in place at end of year	Type of loom (number)					
		Single shuttle (cam and dobby)	Multiple shuttle-box or head motion looms	Jacquard	Double shuttle pile and plush	Shuttleless looms	
						Single color (cam and dobby)	Multicolor
United States, total.....	331,929	272,275	28,844	9,633	2,359	14,623	4,195
Northeast Region.....	27,043	16,518	4,892	2,602	581	1,180	1,270
New England Division.....	15,790	11,647	2,028	372	366	917	460
Maine.....	2,731	(D)	687	(D)	-	41	(D)
New Hampshire.....	3,259	2,852	(D)	-	-	167	(D)
Massachusetts.....	5,104	3,690	543	(D)	(D)	(D)	297
Rhode Island.....	3,971	3,356	322	(D)	(D)	195	(D)
Middle Atlantic Division.....	11,253	4,871	2,864	2,230	215	263	810
New York.....	1,986	867	908	97	(D)	(D)	(D)
New Jersey.....	1,145	67	349	537	(D)	135	(D)
Pennsylvania.....	8,122	3,937	1,607	1,596	(D)	(D)	772
North Central Region.....	1,644	(D)	(D)	(D)	(D)	(D)	(D)
South Region.....	302,874	254,388	23,568	6,996	1,703	13,357	2,862
South Atlantic Division.....	269,922	224,899	21,594	(D)	1,703	12,487	(D)
North Carolina.....	73,913	50,205	11,911	4,842	789	5,340	826
South Carolina.....	135,070	124,715	3,726	382	470	4,785	992
Georgia.....	40,813	35,747	2,287	(D)	(D)	1,633	(D)
East South Central Division.....	29,046	26,088	(D)	(D)	-	(D)	(D)
Tennessee.....	6,320	4,897	(D)	-	-	-	(D)
Alabama.....	21,970	20,469	(D)	(D)	-	(D)	(D)
West South Central Division.....	3,906	3,401	(D)	-	-	(D)	-
West Region.....	368	(D)	(D)	(D)	(D)	(D)	(D)
California.....	147	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detail may not add to total due to region, division, and State data which have been withheld to avoid disclosing figures for individual companies.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 4C. Broad-Fabric Weaving Looms in Place, by Width of Loom and by Geographic Area: December 31, 1973

Geographic area	Total number in place at end of year	Width of loom								
		Up to and including 40" width	41"-50"	51"-60"	61"-70"	71"-80"	81"-90"	91"-100"	101"-130"	Over 130" wide
United States, total.....	331,929	31,202	139,260	79,156	32,022	8,697	24,743	6,820	7,315	2,714
Northeast Region.....	27,043	1,267	11,202	6,924	2,099	1,872	1,559	567	611	942
New England Division.....	15,790	(D)	9,290	2,081	468	569	1,233	497	(D)	122
Maine.....	2,731	(D)	(D)	464	(D)	307	350	283	397	(D)
New Hampshire.....	3,259	(D)	2,030	(D)	-	-	250	(D)	-	(D)
Massachusetts.....	5,104	(D)	(D)	1,213	244	(D)	252	(D)	(D)	(D)
Rhode Island.....	3,971	(D)	3,336	183	(D)	168	214	(D)	-	-
Middle Atlantic Division.....	11,253	(D)	1,912	4,843	1,631	1,303	326	70	(D)	820
New York.....	1,986	(D)	(D)	296	263	496	(D)	(D)	12	792
New Jersey.....	1,145	(D)	(D)	478	342	213	(D)	-	-	(D)
Pennsylvania.....	8,122	141	1,835	4,069	1,026	594	279	(D)	(D)	(D)
North Central Region.....	1,644	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
South Region.....	302,874	29,782	127,426	72,123	29,705	6,793	22,809	6,025	6,501	1,710
South Atlantic Division.....	269,922	22,954	114,596	67,375	25,559	5,914	20,423	5,540	5,907	1,654
North Carolina.....	73,913	3,798	24,478	24,585	8,319	2,725	(D)	2,053	1,984	(D)
South Carolina.....	135,070	13,000	65,224	30,311	9,804	2,015	10,870	1,266	2,201	379
Georgia.....	40,813	5,017	14,125	7,860	6,234	839	3,636	(D)	(D)	637
East South Central Division..	29,046	(D)	10,935	4,636	(D)	(D)	(D)	485	594	56
Tennessee.....	6,320	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Alabama.....	21,970	4,126	9,101	2,852	3,313	403	(D)	(D)	564	(D)
West South Central Division..	3,906	(D)	1,895	112	(D)	(D)	(D)	-	-	-
West Region.....	368	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California.....	147	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)

Note: Detail may not add to total due to region, division, and State data which have been withheld to avoid disclosing figures for individual companies.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 4D. Broad-Fabric Weaving Looms in Place, by Type and Width of Loom and by Type of Mill: December 31, 1973

Type of mill and loom	Total number in place at end of year	Width of loom								
		Up to and including 40" width	41"-50"	51"-60"	61"-70"	71"-80"	81"-90"	91"-100"	101"-130"	Over 130" wide
Cotton mills (SIC 2211).....	139,470	27,472	61,931	25,891	12,686	2,194	5,227	1,518	2,125	426
Single shuttle (cam and dobby).....	121,903	22,721	58,632	22,276	10,301	1,652	4,576	1,272	(D)	(D)
Multiple shuttlebox or head motion looms.....	7,398	3,515	765	1,080	(D)	282	100	220	(D)	(D)
Jacquard.....	4,103	(D)	(D)	(D)	(D)	(D)	(D)	(D)	313	58
Double shuttle pile and plush.....	(D)	-	-	(D)	(D)	-	-	(D)	(D)	-
Shuttleless looms, single color (cam and dobby)...	5,658	-	1,957	1,135	872	(D)	(D)	-	1,016	(D)
Multicolor.....	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)
Manmade fiber mills (SIC 2221).....	169,586	2,181	73,932	46,544	16,045	4,802	16,027	4,166	3,951	1,938
Single shuttle (cam and dobby).....	135,939	(D)	66,829	35,021	11,345	2,525	12,656	3,208	1,731	(D)
Multiple shuttlebox or head motion looms.....	16,628	(D)	4,372	7,394	938	1,156	565	785	628	788
Jacquard.....	4,955	(D)	357	2,304	1,056	654	239	(D)	(D)	-
Double shuttle pile and plush.....	1,903	-	(D)	578	(D)	-	-	-	-	-
Shuttleless looms, single color (cam and dobby)...	7,643	(D)	(D)	855	1,796	99	1,669	(D)	1,171	(D)
Multicolor.....	2,518	(D)	(D)	392	(D)	368	898	-	(D)	(D)
Woolen and worsted mills (SIC 2231).....	4,159	(D)	(D)	(D)	(D)	424	2,031	461	(D)	247
Single Shuttle (cam and dobby).....	(D)	-	(D)	(D)	(D)	(D)	116	(D)	-	-
Multiple shuttlebox or head motion looms.....	2,234	(D)	(D)	(D)	-	275	1,104	363	106	(D)
Jacquard.....	(D)	-	-	-	-	-	-	(D)	-	-
Double shuttle pile and plush.....	-	-	-	-	-	-	-	-	-	-
Shuttleless looms, single color (cam and dobby)...	326	(D)	-	(D)	(D)	(D)	41	(D)	(D)	-
Multicolor.....	834	-	-	-	-	47	770	(D)	(D)	(D)
Tire cord mills (SIC 2296).....	2,040	-	(D)	(D)	1,210	563	-	(D)	-	-
Single shuttle (cam and dobby).....	(D)	-	(D)	(D)	1,210	(D)	-	(D)	-	-
Multiple shuttlebox or head motion looms.....	(D)	-	-	-	-	(D)	-	(D)	-	-
Jacquard.....	-	-	-	-	-	-	-	-	-	-
Double shuttle pile and plush.....	-	-	-	-	-	-	-	-	-	-
Shuttleless looms, single color (cam and dobby)...	-	-	-	-	-	-	-	-	-	-
Multicolor.....	-	-	-	-	-	-	-	-	-	-
All other mills (SIC other than above).....	16,674	(D)	2,924	6,541	(D)	714	1,458	(D)	(D)	103
Single shuttle (cam and dobby).....	11,762	(D)	2,393	4,501	(D)	278	(D)	(D)	(D)	(D)
Multiple shuttlebox or head motion looms.....	(D)	(D)	(D)	(D)	(D)	(D)	273	(D)	(D)	-
Jacquard.....	(D)	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9
Double shuttle pile and plush.....	(D)	(D)	-	(D)	-	-	-	-	-	-
Shuttleless looms, single color (cam and dobby)...	996	-	(D)	(D)	(D)	(D)	(D)	-	D	(D)
Multicolor.....	(D)	(D)	(D)	(D)	-	(D)	413	-	80	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5A. Knitting Machinery in Place, by Type of Machine: December 31, 1973

Type of machinery	Total number in place at end of year ¹	Type of machinery	Total number in place at end of year ¹
Weft knitting machinery--garments, trims, collars: ²		Weft knitting machinery--yard goods--Continued	
Flat bar:		Double-knit cylinder and dial machines: ⁶	
V-bed flat latch needle.....	4,486	No pattern mechanism.....	3,712
Flat-bed purl, or links and links.....	1,592	Fixed selection, including patterns limited to one machine revolution.....	1,864
Multisection spring needle full fashioning.....	747	Patterning devise, mechanical and electronic ⁷	10,014
		Purl, or links and links.....	490
Circular garment length (cylinder and dial, purl or links) ³ ..	6,430		
Circular headwear and other small diameter machines ⁴	4,234	Warp knitting machinery: ²	
		Tricot (spring beard, latch, and compound needle).....	5,537
Weft knitting machinery--yard goods: ^{2 5}		Kettenraschel (cut presser).....	83
Circular open top latch needle machines:		Simplex.....	241
Plain, multiple track, and patterned jersey.....	9,043	Weft insertion, all types.....	38
Sliver knit.....	836	Raschel (latch, compound).....	2,852
		Raschel-crochet (Cidega, Eppler, Kohler, Sander, and Graf types).....	514
Circular spring needle machines.....	5,219	Milanese:	
Cylinder and dial machines:		Flat bed.....	} (D)
Interlock.....	4,712	Circular.....	
Rib body size underwear machines.....	5,889	Loop bonding (knit stitch).....	

Note: Knitting machinery in place are collected on a quarterly basis and published in Current Industrial Reports, series MQ-22K, Knit Fabric Production.

(D) Withheld to avoid disclosure of figures for individual companies.

¹The figures presented in this table are simple aggregates of reported data from companies representing approximately 90 percent of total employment in the industries covered by this survey.

²Excludes hosiery and knit-deknit.

³Includes all machines producing body lengths with attached rib trim and draw thread course.⁴Excludes hosiery.

⁵Includes weft knitting machines producing outerwear, underwear, and industrial fabrics (including home furnishings).

⁶Excludes interlock.

⁷More than one machine revolution.

TABLE 5B. Knitting Machinery in Place, by Geographic Area: December 31, 1973

Geographic area	Weft knitting machines			Warp knitting machines, total	Geographic area	Weft knitting machines			Warp knitting machines, total
	Total	Garments, trims, and collars	Yard goods			Total	Garments, trims, and collars	Yard goods	
United States, total.....	59,268	17,489	41,779	9,379	South Region.....	27,402	4,103	23,299	4,883
Northeast Region.....	26,218	10,109	16,109	4,364	South Atlantic Division....	23,471	3,688	19,783	4,411
New England Division.....	3,821	1,378	2,443	494	Virginia.....	3,289	(D)	(D)	(D)
Maine.....	(D)	(D)	415	-	North Carolina.....	13,655	2,123	11,532	3,082
New Hampshire.....	413	200	213	(D)	South Carolina.....	4,112	769	3,343	668
Massachusetts.....	1,231	265	966	(D)	Georgia.....	1,518	(D)	(D)	(D)
Rhode Island.....	942	(D)	(D)	255	Florida.....	701	145	556	-
Connecticut.....	690	(D)	(D)	161	East South Central Division.	3,540	(D)	(D)	464
Middle Atlantic Division....	22,397	8,731	13,666	3,870	Tennessee.....	1,639	204	1,435	233
New York.....	10,377	5,107	5,270	1,265	Alabama.....	(D)	(D)	1,208	231
New Jersey.....	3,745	1,071	2,674	1,161	Mississippi.....	486	(D)	(D)	-
Pennsylvania.....	8,275	2,553	5,722	1,444	West South Central Division.	391	(D)	(D)	-
North Central Region.....	4,135	2,637	1,498	(D)	West Region.....	1,513	640	873	(D)
East North Central Division..	2,898	(D)	(D)	(D)	Pacific Division.....	(D)	640	(D)	(D)
Ohio.....	1,087	(D)	(D)	(D)	Oregon.....	149	(D)	(D)	-
Illinois.....	580	(D)	(D)	-	California.....	1,290	519	771	46
Wisconsin.....	1,173	706	467	-					
West North Central Division..	1,237	(D)	(D)	-					

Note: Detail may not add to total due to region, division, and State data which have been withheld to avoid disclosing figures for individual companies.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Textile Finishing Machinery in Place: December 31, 1973, 1958, and 1954

Type of equipment	1973 ¹			1958 total	1954 total
	Total	Less than 70"	70" and over		
Preparatory equipment:					
Scouring and bleaching ranges, total.....	797	(X)	(X)	164	105
Rope.....	389	(X)	(X)	81	105
Open width.....	408	240	168	83	
Other.....	546	331	215	540	968
Mercerizing ranges.....	98	78	20	(NA)	(NA)
Batch dyeing machines, total.....	9,017	(X)	(X)	5,581	(NA)
Jigs.....	1,957	(X)	(X)	2,796	3,952
Padders.....	537	(X)	(X)	426	787
Becks (boxes, winches, dye kettles, etc.):					
Atmospheric type.....	3,918	(X)	(X)	1,634	21,724
Pressure type.....	740	(X)	(X)		
Jet dyeing machines.....	727	(X)	(X)	725	(NA)
Other batch dyeing machines.....	1,138	(X)	(X)		
Yarn dyeing machines, total.....	2,912	(X)	(X)	(NA)	(NA)
Package yarn dyeing machines.....	1,436	(X)	(X)	(NA)	(NA)
Beam dyeing machines.....	455	(X)	(X)	(NA)	(NA)
Continuous yarn dyeing ranges.....	43	(X)	(X)	(NA)	(NA)
Skein dyeing machines.....	816	(X)	(X)	(NA)	(NA)
Other yarn dyeing machines.....	162	(X)	(X)	(NA)	(NA)
Raw stock and bale dyeing machines.....	419	(X)	(X)	(NA)	(NA)
Continuous dyeing ranges, total.....	295	177	118	(NA)	(NA)
Thermosol-pad steam ranges.....	132	87	45	(NA)	(NA)
Other continuous ranges.....	163	90	73	(NA)	(NA)
Printing equipment:					
Roller printing machines, total.....	394	356	38	438	636
Using intaglio (gravure) color rolls ³ ⁴	364	330	34	(NA)	(NA)
Using relief (cameo) color rolls ³	30	26	4	(NA)	(NA)
Screen printing machines, total ⁵	515	347	168	37	54
Flat screen, flat bed machines.....	211	148	63	(NA)	(NA)
Rotary screen, flat bed machines.....	136	75	61	(NA)	(NA)
All other types.....	168	124	44	(NA)	(NA)
Stripe printing machines.....	16	(X)	(X)	(NA)	(NA)
Transfer printing machines, total.....	77	(X)	(X)	(NA)	(NA)
Continuous piece goods printing machines only.....	59	(X)	(X)	(NA)	(NA)
Garment presses.....	18	(X)	(X)	(NA)	(NA)
Polychromatic pattern dyeing machines.....	6	(X)	(X)	(NA)	(NA)
Selected finishing equipment:					
Compressive shrinkage machines, total.....	535	391	144	(NA)	(NA)
For woven fabrics.....	368	282	86	(NA)	(NA)
For knit fabrics.....	167	109	58	(NA)	(NA)
Tenter frames, total.....	1,684	962	722	(NA)	(NA)
Clip.....	823	599	224	(NA)	(NA)
Pin.....	762	314	448	(NA)	(NA)
Pin-clip combination.....	99	49	50	(NA)	(NA)
Solvent processing units (batch and continuous).....	196	104	92	(NA)	(NA)
Decating.....	288	(X)	(X)	(NA)	(NA)
Calendering.....	1,054	887	167	(NA)	(NA)

(X) Not applicable. (NA) Not available.

¹The figures for 1973 are simple aggregates of reported data from companies representing approximately 90 percent of total employment in the industries covered by this survey. Data do not include equipment for hosiery and carpet finishing.²Includes Becks and continuous dyeing equipment.³Center cylinder type.⁴Includes vertical printing machines.⁵These data may include an undetermined amount of hand screen printing machines.

TABLE 6B. Textile Finishing Machinery in Place, by Type of Mill: December 31, 1973

Type of machinery	Total number in place at end of year	Number of machines primarily processing—		Knitting mills	Other industries	Type of machinery	Total number in place at end of year	Number of machines primarily processing—		Knitting mills	Other industries
		Cotton broad-woven fabrics	Manmade fiber broad-woven fabrics					Cotton broad-woven fabrics	Manmade fiber broad-woven fabrics		
Preparatory equipment:						Printing equipment--Continued					
Scouring and bleaching ranges, total.....	797	204	269	180	144	Screen printing machines, total.	515	208	156	83	68
Rope.....	389	102	73	105	109	Flat screen, flat bed machines.....	211	60	80	36	35
Open width.....	408	102	196	75	35	Rotary screen, flat bed machines.....	136	41	56	(D)	(D)
Other.....	546	127	100	177	142	All other types.....	168	107	20	(D)	(D)
Mercerizing ranges.....	98	42	48	(D)	(D)	Stripe printing machines.....	16	(D)	(D)	(D)	8
Batch dyeing machines, total.....	9,017	1,140	3,009	3,359	1,509	Transfer printing machines, total.....	77	9	6	49	13
Jigs.....	1,957	608	1,148	91	110	Continuous piece goods, printing machines only.....	59	(D)	(D)	35	(D)
Padders.....	537	116	131	219	71	Garment pressers.....	18	(D)	(D)	14	(D)
Becks (boxes, winches, dye kettles, etc.):						Polychromatic pattern dyeing machines.....	6	(D)	(D)	(D)	(D)
Atmospheric type.....	3,918	303	1,210	1,489	916	Selected finishing equipment:					
Pressure type.....	740	53	210	265	212	Compressive shrinkage machines					
Jet dyeing machines.....	727	15	148	515	49	machines, total.....	535	126	115	149	145
Other batch dyeing machines.....	1,138	45	162	780	151	For woven fabrics.....	368	122	107	15	124
Yarn dyeing machines, total.....	2,912	354	464	251	1,843	For knit fabrics.....	167	4	8	134	21
Package yarn dyeing machines.....	1,436	68	289	103	976	Tenter frames, total.....	1,684	411	653	445	175
Beam dyeing machines.....	455	237	111	42	65	Clip.....	823	352	443	-	28
Continuous yarn dyeing ranges...	43	(D)	(D)	-	21	Pin.....	762	41	178	418	125
Skein dyeing machines.....	816	(D)	(D)	47	725	Pin-clip combination.....	99	18	32	27	22
Other yarn dyeing machines.....	162	(D)	(D)	59	56	Solvent processing units (batch and continuous).....	196	12	44	107	33
Raw stock bale dyeing machines.....	419	24	51	42	302	Decating.....	288	15	68	91	114
Continuous dyeing ranges, total...	295	115	116	7	57	Calendering.....	1,054	259	330	389	76
Thermosol-pad steam ranges.....	132	56	58	(D)	(D)						
Other continuous ranges.....	163	59	58	(D)	(D)						
Printing equipment:											
Roller printing machines, total.	394	165	192	9	28						
Using intaglio (gravure)											
color rolls.....	364	(D)	180	(D)	17						
Using relief (cameo) color rolls.....	30	(D)	12	(D)	11						

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 7A. Circular-Hosiery Machinery in Place, by Type of Machine: December 31, 1973

Type of machinery	Total number in place at end of year ¹	Type of machinery	Total number in place at end of year ¹	Type of machinery	Total number in place at end of year ¹
Ladies' hose machines, total.....	43,683	Men's and boy's hose machines, total.....	33,646	Children's, infants', and misses' hose machines, total.....	12,901
By type:		Single cylinder, total.....	21,438		
Reciprocating.....	21,539	1 feed.....	18,763	Single cylinder, total.....	10,290
Nonreciprocating.....	22,144	2 feed.....	1,514	1 feed.....	8,857
By feed unit:		3 and 4 feed.....	1,161	2 feed.....	985
1 feed.....	3,127	Double cylinder, total.....	12,208	3 and 4 feed.....	448
2 feed.....	19,647	1 feed.....	915		
3 and 4 feed.....	13,673	2 feed.....	10,847	Double cylinder (all types).....	2,611
6 to 8 feed.....	7,236	3 and 4 feed.....	446		

¹The figures presented in this table are simple aggregates of reported data from companies representing approximately 90 percent of total employment in the industries covered by this survey.

TABLE 7B. Circular-Hosiery Machinery in Place, by Type of Machine and by Geographic Area: December 31, 1973

Geographic area	Total number in place at end of year	Ladies' hosiery machines			Men's and boys' hosiery machines			Children's, infants', etc., hosiery machines
		Total	Reciprocating	Nonreciprocating	Total	Single cylinder	Double cylinder	
United States, total.....	90,230	43,683	21,539	22,144	33,646	21,438	12,208	12,901
Northeast Region.....	6,443	3,406	2,612	794	2,379	(D)	(D)	658
New England Division.....	818	-	-	-	(D)	(D)	(D)	(D)
Massachusetts.....	202	-	-	-	(D)	(D)	(D)	(D)
Middle Atlantic Division.....	5,625	3,400	2,612	794	(D)	1,202	(D)	(D)
Pennsylvania.....	4,885	3,068	2,344	724	(D)	(D)	(D)	(D)
South Region.....	80,561	37,732	16,803	20,929	30,586	19,407	11,179	12,243
South Atlantic Division.....	65,055	31,063	14,640	16,423	26,065	16,330	9,735	7,927
Virginia.....	2,244	1,442	811	631	(D)	(D)	(D)	(D)
West Virginia.....	4,773	-	-	-	(D)	-	(D)	(D)
North Carolina.....	49,525	24,650	12,855	11,795	22,997	14,157	8,840	1,878
South Carolina.....	3,630	3,425	(D)	(D)	205	(D)	(D)	-
Georgia.....	4,152	(D)	(D)	(D)	2,111	1,547	564	(D)
East South Central Division.....	14,609	(D)	(D)	(D)	4,521	3,077	1,444	(D)
Tennessee.....	9,454	3,117	1,572	1,545	2,846	1,860	986	3,491
Alabama.....	2,235	(D)	(D)	(D)	733	(D)	(D)	(D)

Note: Detail may not add to total due to region, division, and State data which have been withheld to avoid disclosing figures for individual companies.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 8. Carpet and Rug Machinery in Place: December 31, 1973, 1967, and 1963

Item description	Total number in place at end of year			Item description	Total number in place at end of year		
	1973 ¹	1967 ²	1963 ²		1973 ¹	1967 ²	1963 ²
Weaving looms, total ³	1,071	1,537	2,129	Tufting machines--Continued			
27 inches.....	151	431	663	15 feet.....	1,338	532	335
3 feet to under 9 feet.....	414	148	191	Over 15 feet.....	88	64	46
9 feet.....	87	251	337				
9 1/2 feet to 12 feet.....	302	475	614	Other machines			
15 feet.....	117	225	308	Custom carpet (multipass) tufting machines..	420	161	232
Over 15 feet.....		7	16	Carpet braiding machines.....	1,247	1,987	2,244
Tufting machines, total ⁴	2,666	2,057	2,030	Carpet knitting machines, total.....	72	77	76
81 inches and under.....	865	1,217	1,492	Warp.....	26	(NA)	(NA)
9 feet.....	82	148	76	Circular.....	46	(NA)	(NA)
12 feet.....	293	96	81	Carpet and rug needle punch looms.....	73	(NA)	(NA)

(NA) Not available.

¹The figures for 1973 are aggregates of reported data from companies representing approximately 90 percent of total employment in the industries covered by this survey.

²Figures are from the Current Industrial Reports, series MQ-22Q, Carpets and Rugs, published on an annual basis. The last period covering machines in place in this report was December 31, 1971.

³The size shown represents the maximum width which can be woven and not the finished width of the carpet or rug.

⁴The size shown represents the maximum tufting width of the machine or the maximum width which can be tufted and not the finished width of the goods of the machine bed width.

Fuels and Electric Energy Consumed

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EXPLANATORY TEXT

BACKGROUND

The manufacturing industries in the United States consume a substantial portion of the coal, coke, fuel oil, natural gas, and electric energy produced in this country. These energy inputs are the primary sources for the heat and power used by the manufacturing sector to produce manufactured products. Data on this important aspect of the domestic economy have been collected and published by the Bureau of the Census for more than six decades. This report presents statistics on quantities and costs of specified fuels used for heat and power, quantity and cost of electric energy purchased, and quantity of electric energy generated less sold by manufacturing plants in the United States during 1971. It is the 12th in a series of census reports on this subject that began with the census of manufactures for 1909. This series has continued to be compiled periodically since that time, with the most recent report prior to this one relating to fuels consumed in manufacturing in 1967.

For years covered by the census of manufactures, statistics on quantities of fuels important in manufacturing begin with those for 1909 and were compiled in subsequent censuses of manufactures for 1914, 1919, 1929, 1937, 1939, 1947, 1954, 1958, 1962 (as part of the 1963 Census of Manufactures), and 1967. Data on quantities of electric energy purchased by manufacturers were first collected for the year 1929 and then for the subsequent census years listed above. Data on costs of fuel and electric energy were first published for 1929, although some data on costs had been collected in prior censuses. Data on quantity of electric energy generated by manufacturing plants were first compiled for 1939. The data for that year also provided, for the first time, statistics on fuels purchased for heat and power separate from those purchased as materials.

For the intercensal years which are covered by the Annual Survey of Manufactures, data on total fuel cost, purchased electric energy (quantity and cost), and quantity of electricity generated appear in the Annual Survey of Manufactures volumes for 1950 to 1953, 1955 to 1957, 1959 to 1962, 1964 to 1966, and 1968 to 1971. Except for the 1950-to-1953 statistics on electricity generated, which were prepared from Federal Power Commission data, all of the intercensal statistics are estimates. A description of the sample, sampling technique, coverage, etc., for these years is included in the respective annual-survey reports.

FUELS CONSUMED

Information on fuels consumed by manufacturing establishments in 1971 was obtained as a supplemental inquiry on Census Form MA-100, "Annual Survey of Manufactures." This inquiry requested information on detailed fuels consumed: Quantity and cost of coal, coke, distillate fuel oil, residual fuel oil, and natural gas. It also provided for reporting cost only for other types of fuels consumed. As part of Form MA-100, this inquiry was mailed to all establishments included in the Annual Survey of Manufactures reporting panel for 1971.

Summary U.S. figures on total cost of fuels and electric energy for 1971 and prior years are shown in table 1. The remaining tables of this report show, respectively, detailed fuels consumed by industry group for 1971, 1967, 1962, 1958, and 1954 (table 2); by industry and industry group for 1971 (table 3); by State and industry group for 1971 (table 4); and by Standard Metropolitan Statistical Area and industry group for 1971 (table 5). Tables 6, 7, 8 and 9 provide data on total cost of fuels and purchased electric energy and their kilowatt-hour equivalents.

The term, "Cost of fuels," refers to direct charges actually paid or payable for fuels consumed during the year, including freight charges and other direct charges incurred by the establishment in acquiring these fuels. Manufacturers included the cost of fuels consumed regardless of whether they were purchased by the individual establishment from other companies, transferred to it from other establishments of the same company or withdrawn from inventory during the year.

Data on fuels produced and consumed in the same establishment (such as coke-oven gas or blast-furnace gas); data on fuels used as raw materials, (such as fuel oil and natural gas used to produce carbon black); and fuels converted to other fuel types (such as coal converted to coke) were not obtained in the 1971 survey but are being compiled as part of the 1972 Census of Manufactures.

ELECTRIC ENERGY

Data were also obtained on Form MA-100 for 1971 on the quantity and cost of electric energy purchased from other companies or transferred from other establishments of the same company. In addition, information was collected on the amount of electric energy generated by the establishment, and

EXPLANATORY TEXT—Continued

the quantity of electric energy sold or transferred to other plants of the same company. It should be noted that in reporting figures on energy sold some manufacturing establishments, acting as central distribution stations for several company plants in the same general area, included quantities of purchased electricity which were subsequently transferred to other company plants.

The cost of electric energy represents the amount actually paid during the year for electric energy purchased from other companies or received from other establishments of the same company. It does not include the value of electricity generated and used at the establishment.

ESTIMATED KILOWATT-HOURS EQUIVALENT

In order to provide figures on the basis of a comparable unit of energy used, data on fuels consumed were converted to kilowatt-hour equivalents, a generally recognized international unit of energy. These kilowatt-hour equivalents are shown at each level of publication in tables 2, 3, 4, 5, 8 and 9. The factors used to convert fuels to kilowatt-hour equivalents are shown in table A. In tables 6, 7, 8 and 9 total kilowatt-hour equivalents include quantity of purchased electricity as well as the kilowatt-hour equivalents of purchased fuels.

SPECIAL QUALIFICATIONS OF THE DATA

The general limitations of the data due to the nature of the sample survey are described in detail in the introduction to this report. In addition, the figures in this report are subject to the following special qualifications.

The difference-estimate formula was used for all the total cost of fuels estimates presented in this report. (See the description of the survey sample, in the Introduction.) The estimates for specific fuels, however, are simple linear estimates that involve only the 1971 data, that is, the sum of the weighted 1971 costs and quantities for the sample establishments. The difference-estimate formula was not used for these detailed estimates because the comparable data required were not available from the 1967 Census of Manufactures. The standard errors of estimates shown in the tables reflect the variation in the estimation methods used.

Some small establishments reported total cost of fuels but failed to report the cost and quantity of their specific fuels used. Estimates of their total cost of fuels are included in the tables, under the heading "Fuels, not specified by kind." To the extent that the information on detailed fuels consumed was not obtained, the data shown for individual fuels in tables 2, 3, 4 and 5 of this report tend to be understated.

Further limitations apply to the estimates of cost of "Fuels, not specified by kind." They are residual balancing figures that

were derived by subtracting the sum of the linear estimates for the specified fuels from the total cost of fuels computed by the difference-estimate formula. They include the cost not allocated by kind because of nonresponse, additional adjustments for unresolved imbalances between the sum of the detail and the total in individual reports, and the statistical deviation resulting from the use of two methods of estimation. The standard errors of the cost estimates for "Fuels, not specified by kind" are apt to be higher, often considerably higher, than might be suggested by the standard errors of estimates shown for specific fuels.

CONFIDENTIALITY OF INDIVIDUAL COMPANY DATA AND OTHER PUBLICATION STANDARDS

The Bureau of the Census is prohibited by law from publishing any statistics that would disclose information reported by individual companies. In the tables in this report, data are not shown for any category (industry, industry group, State, or standard metropolitan statistical area) for which the data fail to satisfy the disclosure tests. In addition, data are not shown for any category for which the standard error of estimate for the total cost of fuels was greater than 20 percent. Likewise, in selected instances, quantity or cost data may be withheld if the figures do not meet publication standards on the basis of a consistency review.

TABLE A. Factors Used to Compute Kilowatt-Hour Equivalents of Fuels: 1971

Kind of fuel	Unit of measure	Kilowatt-hour equivalent per unit of measure
Coal	Short ton	7,677
Coke .....	...do	7,618
Fuel oil:		
Distillate	Barrel (42 gal.) .	1,707
Residual .....	...do	1,842
Natural gas	MCF	303.3
Other fuels	Dollar	170

Note: For costs of "Fuels, not specified by kind," conversion factors for 1971 were developed for each 2-digit SIC group, based on the relationship of total cost of fuels to the total kilowatt-hour equivalents for those groups as published in U.S. Bureau of the Census, Census of Manufactures: 1963, "Fuels and Electric Energy Consumed in Manufacturing Industries: 1962," Series MC63(1)-6, U.S. Government Printing Office, Washington, D.C., 1964, adjusted to reflect the change in wholesale prices between 1962 and 1971 for the category, "Fuels and related products, including power" (U.S. Department of Labor, BLS).

TABLE 1. Fuels and Electric Energy Used for Heat and Power: 1971 and Earlier Years

Year	Total cost of purchased fuels and electric energy (million dollars)	Cost of purchased fuels (million dollars)	Electric energy		
			Purchased		Generated less sold (million kw.-hrs.)
			Quantity (million kw.-hrs.)	Cost (million dollars)	
Including establishments in Alaska and Hawaii:					
1971.....	10,441.1	5,360.6	517,780.4	5,079.9	82,750.1
1970.....	9,424.7	4,845.7	500,768.7	4,579.2	83,327.3
1969.....	8,751.4	4,456.6	497,015.7	4,294.8	83,351.7
1968.....	8,272.1	4,263.0	458,908.4	4,009.1	82,752.2
1967.....	7,691.7	3,974.9	427,465.1	3,716.8	78,355.8
1966.....	7,365.9	3,902.3	399,390.0	3,463.6	80,500.0
1965.....	6,973.4	3,727.3	373,428.0	3,246.1	80,453.0
1964.....	6,706.6	3,583.9	357,292.0	3,122.7	79,740.0
1963.....	6,369.7	3,409.0	333,512.0	2,960.7	72,949.0
1962.....	6,184.0	3,360.7	313,961.0	2,823.3	74,261.0
1961.....	5,825.3	3,192.6	298,325.0	2,632.7	68,533.0
1960.....	5,765.1	3,192.9	291,949.0	2,572.2	70,016.0
1959.....	5,544.6	3,082.7	281,301.0	2,461.9	69,291.0
1958.....	5,067.0	2,836.2	252,909.0	2,230.8	66,850.0
Excluding establishments in Alaska and Hawaii (except as otherwise noted):					
1958.....	5,060.0	2,832.1	252,754.0	2,227.9	66,504.0
1957.....	5,628.1	3,393.5	259,414.0	2,234.6	66,031.0
1956.....	5,467.3	3,290.1	257,126.0	2,177.2	66,208.0
1955.....	5,039.3	3,037.6	233,702.0	2,001.7	65,559.0
1954.....	4,924.8	3,199.4	187,027.0	1,725.4	60,639.0
1954 (including Alaska and Hawaii).....	4,931.7	3,203.9	187,148.0	1,727.8	60,639.0
1953.....	5,395.4	3,675.0	216,898.0	1,720.4	(NA)
1952.....	4,861.4	3,288.1	155,965.0	1,573.3	(NA)
1951.....	4,817.0	3,354.9	146,531.0	1,462.1	(NA)
1950.....	4,184.6	2,924.4	131,222.0	1,260.2	(NA)
1947.....	3,602.7	2,648.0	102,822.0	954.7	38,125.0
1939.....	(NA)	(NA)	44,847.0	462.3	25,671.0
1929.....	1,849.7	1,388.6	36,427.0	461.1	(NA)

Note: The cost of purchased fuels for 1954 and earlier years includes the value of coke, coke-oven gas, and coal tar produced in coke ovens and used in associated blast furnaces and steel mills at the same location. It also includes the value of blast-furnace gas produced and used at associated coke ovens at the same location. Such operations, which were reported separately in 1954 and earlier years, were treated together as single establishments after 1954. It was estimated that for 1954 the value of such interplant transfers, which are excluded for later years, was about \$599 million.

(NA) Not available.

¹Represents quantity purchased plus quantity generated minus quantity sold.

TABLE 2. Quantity and Cost of Purchased Fuels Used for Heat and Power by Industry Group:
1971, 1967, 1962, 1958, and 1954

Code	State and industry group	Year	Kilowatt-hours equivalent ¹ (billions) Col. A	Total cost (million dollars) ² Col. B	Fuel oil					
					Total		Distillate ³		Residual ³	
					Quantity	Cost	Quantity	Cost	Quantity	Cost
					(1,000 barrels) Col. C	(million dollars) ² Col. D	(1,000 barrels) Col. E	(million dollars) Col. F	(1,000 barrels) Col. G	(million dollars) Col. H
	All industries, total.....	1971	3,297.9	5,360.6	245,667.2	989.3	104,940.8	453.4	140,726.4	535.9
		1967	3,033.9	3,974.9	178,613.0	535.6	65,653.9	236.9	112,958.9	298.7
		1962	2,561.3	3,360.7	195,615.0	623.3	44,730.0	190.9	150,885.0	432.4
		1958	2,164.4	2,836.2	166,301.0	522.7	(NA)	(NA)	(NA)	(NA)
		1954	2,033.1	3,203.9	186,455.0	581.2	(NA)	(NA)	(NA)	(NA)
20	Food and kindred products.....	1971	266.8	464.7	20,763.1	93.1	10,891.0	50.0	9,872.1	43.1
		1967	239.3	345.4	17,533.6	58.1	8,094.8	30.7	9,438.8	27.4
		1962	216.1	325.3	21,045.0	72.2	5,445.0	25.8	15,600.0	46.4
		1958	208.8	293.9	25,225.0	67.5	(NA)	(NA)	(NA)	(NA)
		1954	224.0	250.4	20,458.0	67.6	(NA)	(NA)	(NA)	(NA)
21	Tobacco manufactures.....	1971	4.6	9.5	704.0	2.9	201.3	0.9	502.7	2.1
		1967	4.9	7.1	421.6	1.3	230.6	0.7	191.0	0.6
		1962	3.6	5.2	374.0	1.2	57.0	0.2	316.0	1.0
		1958	3.6	4.9	400.0	1.1	(NA)	(NA)	(NA)	(NA)
		1954	3.4	4.4	278.0	0.9	(NA)	(NA)	(NA)	(NA)
22	Textile mill products.....	1971	81.6	159.7	11,202.4	48.0	4,648.0	20.7	6,554.4	27.3
		1967	72.2	105.9	6,891.4	19.6	1,675.8	5.9	5,215.4	13.7
		1962	59.1	87.1	9,945.0	30.0	1,321.0	5.6	8,624.0	24.4
		1958	54.7	84.0	7,555.0	23.1	(NA)	(NA)	(NA)	(NA)
		1954	62.8	77.6	10,696.0	29.7	(NA)	(NA)	(NA)	(NA)
23	Apparel and other textile products.....	1971	13.9	33.3	1,159.8	4.8	950.3	4.0	209.5	0.8
		1967	10.3	27.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1962	7.5	19.3	1,140.0	4.7	517.0	2.6	624.0	2.1
		1958	8.2	15.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1954	6.9	13.4	212.0	0.6	(NA)	(NA)	(NA)	(NA)
24	Lumber and wood products.....	1971	57.3	154.7	6,371.6	27.7	5,501.4	24.4	870.2	3.3
		1967	47.7	115.1	3,582.9	18.5	2,476.8	14.1	1,106.1	4.4
		1962	30.0	87.6	3,843.0	17.7	2,447.0	12.7	1,396.0	5.0
		1958	23.0	70.3	2,286.0	13.0	(NA)	(NA)	(NA)	(NA)
		1954	33.0	57.7	4,060.0	17.3	(NA)	(NA)	(NA)	(NA)
25	Furniture and fixtures.....	1971	14.2	30.2	940.2	4.2	580.0	2.7	360.2	1.5
		1967	11.1	21.0	251.0	1.1	102.9	0.5	148.1	0.6
		1962	9.0	17.2	882.0	3.6	329.0	1.7	552.0	1.9
		1958	8.6	14.9	488.0	2.3	(NA)	(NA)	(NA)	(NA)
		1954	8.4	11.8	667.0	2.8	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products.....	1971	350.5	562.4	64,588.6	228.0	18,089.1	67.1	46,499.5	160.9
		1967	313.0	367.2	41,899.4	98.0	10,605.3	26.9	31,294.1	71.1
		1962	255.1	302.9	31,105.0	80.2	2,578.0	8.4	28,527.0	71.8
		1958	223.8	266.4	25,285.0	69.9	(NA)	(NA)	(NA)	(NA)
		1954	179.2	220.0	22,472.0	57.5	(NA)	(NA)	(NA)	(NA)
27	Printing and publishing.....	1971	21.0	46.0	1,323.6	5.7	907.5	4.0	416.1	1.7
		1967	13.6	32.1	1,130.6	4.2	559.7	2.5	570.9	1.7
		1962	10.5	24.7	1,438.0	5.8	488.0	2.5	950.0	3.3
		1958	9.0	21.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1954	6.8	16.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products.....	1971	680.1	894.0	33,861.9	137.2	14,805.2	64.3	19,056.6	72.9
		1967	625.6	605.5	20,562.6	57.2	8,105.5	27.3	12,457.1	29.9
		1962	459.8	451.6	19,866.0	57.2	4,087.0	15.6	15,780.0	41.6
		1958	366.3	359.5	15,714.0	47.8	(NA)	(NA)	(NA)	(NA)
		1954	327.9	335.3	17,688.0	50.4	(NA)	(NA)	(NA)	(NA)
29	Petroleum and coal products.....	1971	443.3	447.6	13,945.0	49.5	3,241.6	12.9	10,703.4	36.6
		1967	390.3	322.4	10,079.1	24.6	1,768.8	6.6	8,310.3	18.0
		1962	322.8	263.0	9,825.0	25.6	1,026.0	4.4	8,799.0	21.2
		1958	263.5	184.9	3,805.0	12.5	(NA)	(NA)	(NA)	(NA)
		1954	183.6	102.9	4,053.0	10.5	(NA)	(NA)	(NA)	(NA)
30	Rubber and plastics products, n.e.c.....	1971	51.3	89.8	5,279.3	22.9	2,902.1	13.0	2,377.2	9.9
		1967	43.4	57.8	3,710.5	10.9	1,270.8	4.8	2,439.7	6.1
		1962	35.2	45.5	3,833.0	11.6	610.0	2.7	3,223.0	9.0
		1958	31.1	39.3	3,061.1	11.8	(NA)	(NA)	(NA)	(NA)
		1954	29.1	31.1	3,107.0	9.1	(NA)	(NA)	(NA)	(NA)
31	Leather and leather products.....	1971	8.3	16.6	1,271.9	5.4	692.1	2.9	579.8	2.5
		1967	8.5	13.5	1,369.3	3.9	328.6	1.2	1,040.7	2.7
		1962	8.4	14.6	1,462.0	4.5	232.0	1.0	1,229.0	3.5
		1958	8.6	13.9	920.0	3.1	(NA)	(NA)	(NA)	(NA)
		1954	7.9	12.2	1,213.0	3.9	(NA)	(NA)	(NA)	(NA)
32	Stone, clay, and glass products.....	1971	357.5	572.3	19,540.4	78.9	11,130.4	49.4	8,410.0	29.4
		1967	340.6	437.5	12,030.4	44.1	5,788.1	26.1	6,242.3	18.0
		1962	294.0	388.4	13,606.0	46.3	4,360.0	20.3	9,246.0	26.1
		1958	264.9	338.1	13,651.0	46.2	(NA)	(NA)	(NA)	(NA)
		1954	256.1	274.7	15,690.0	51.2	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 2. Quantity and Cost of Purchased Fuels Used for Heat and Power by Industry Group:
1971, 1967, 1962, 1958, and 1954—Continued

Code	State and industry group	Year	Bituminous coal, lignite and anthracite		Coke and breeze		Gas (natural manufactured, still, blast-furnace, and coke-oven) ⁴		Other fuels (gasoline, LPG, wood, and purchased steam) ⁵ (million dollars)	Fuels not specified by kind ⁶ (million dollars)
			Quantity	Cost	Quantity	Cost	Quantity	Cost		
			(1,000 short tons) Col. I	(million dollars) ² Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) ² Col. N		
	All industries.....	1971	61,392.6	658.1	13,742.8	317.6	6,454.4	2,559.9	377.5	458.2
		1967	75,100.0	551.7	13,562.5	248.9	5,306.9	1,749.1	220.2	669.4
		1962	89,438.0	639.5	17,747.0	304.8	4,308.1	1,455.9	337.1	-
		1958	81,784.0	638.2	13,585.0	271.0	3,112.2	900.9	147.9	355.6
		1954	91,458.0	676.8	54,372.0	867.9	5,914.9	847.3	202.0	28.7
20	Food and kindred products.....	1971	4,456.1	44.7	153.5	3.8	478.5	220.9	28.5	73.8
		1967	6,600.3	46.7	56.4	1.6	346.3	142.5	23.3	73.2
		1962	8,752.0	64.2	70.0	1.9	330.3	141.6	45.5	-
		1958	8,663.0	66.9	65.0	1.6	243.9	88.5	20.3	49.2
		1954	11,179.0	86.4	99.0	1.9	262.9	69.5	25.0	-
21	Tobacco manufactures.....	1971	173.3	2.9	-	-	4.0	2.3	0.2	1.2
		1967	334.4	3.0	-	-	2.7	1.3	0.4	1.1
		1962	297.0	2.5	-	-	1.7	0.9	0.6	-
		1958	313.0	2.8	-	-	1.2	0.6	0.4	-
		1954	345.0	2.9	2.0	(Z)	0.6	0.3	0.3	-
22	Textile mill products.....	1971	1,545.8	20.5	(S)	(Z)	100.7	53.3	9.7	28.3
		1967	1,975.5	17.7	-	-	55.5	24.8	3.0	40.8
		1962	3,051.0	24.7	(S)	(S)	53.1	22.5	10.0	-
		1958	3,066.0	27.3	-	-	32.2	11.7	5.7	16.3
		1954	4,822.0	37.4	23.0	0.3	22.2	8.1	2.1	-
23	Apparel and other textile products.....	1971	146.7	1.8	-	-	14.2	6.9	2.9	16.9
		1967	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	27.3
		1962	169.0	1.5	(S)	(S)	7.1	4.4	8.7	-
		1958	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	15.8
		1954	16.0	0.2	-	-	0.1	0.1	(Z)	12.5
24	Lumber and wood products.....	1971	184.3	2.8	(S)	0.1	71.1	32.4	38.3	53.4
		1967	267.3	2.4	-	-	54.4	18.7	14.8	60.7
		1962	324.0	2.8	2.0	(Z)	24.5	11.0	56.1	-
		1958	256.0	2.7	-	-	6.9	3.5	10.4	40.7
		1954	847.0	8.0	9.0	0.1	20.5	5.2	27.1	-
25	Furniture and fixtures.....	1971	225.1	3.2	(S)	0.2	18.8	10.7	2.0	9.9
		1967	198.1	1.7	-	-	1.7	1.1	0.3	16.8
		1962	474.0	3.7	(S)	(S)	8.7	5.2	4.8	-
		1958	356.0	3.5	-	-	3.2	1.6	0.6	6.8
		1954	658.0	5.8	3.0	0.1	6.4	2.4	0.8	-
26	Paper and allied products.....	1971	9,439.0	107.8	(S)	1.7	477.0	184.8	24.9	15.2
		1967	12,916.3	103.2	-	-	351.2	109.3	22.9	33.8
		1962	15,145.0	123.8	102.0	0.9	265.1	83.8	14.2	-
		1958	14,465.0	123.5	-	-	212.2	54.0	12.2	6.9
		1954	12,572.0	104.1	12.0	0.2	116.6	24.8	33.4	-
27	Printing and publishing.....	1971	17.6	0.3	(S)	(Z)	38.3	19.6	4.3	16.0
		1967	32.6	0.2	-	-	15.0	9.8	3.0	14.9
		1962	126.0	1.3	-	-	17.9	11.1	6.5	-
		1958	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	21.8
		1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	16.1
28	Chemicals and allied products.....	1971	18,323.6	190.7	155.7	4.3	1,427.5	448.2	79.6	34.1
		1967	21,105.6	141.7	-	-	1,204.3	301.9	52.4	52.3
		1962	22,600.0	147.3	383.0	5.3	782.9	206.2	35.7	-
		1958	19,438.0	139.0	-	-	558.8	124.4	24.1	24.2
		1954	21,009.0	142.2	27.0	0.4	481.5	128.6	13.7	-
29	Petroleum and coal products.....	1971	358.4	3.3	-	-	1,321.5	354.2	32.6	8.0
		1967	891.9	5.2	-	-	1,122.4	263.0	10.4	19.2
		1962	934.0	5.2	5.0	0.1	960.5	218.4	13.7	-
		1958	1,200.0	6.7	-	-	794.5	154.4	8.9	2.3
		1954	942.0	5.6	10.0	0.1	548.6	84.2	2.5	-
30	Rubber and plastics products, n.e.c.....	1971	1,243.9	12.3	-	-	76.6	39.7	2.7	12.3
		1967	1,933.2	13.6	-	-	42.2	20.2	1.8	11.3
		1962	2,339.0	15.4	2.0	0.1	31.0	13.7	4.7	-
		1958	2,426.0	16.5	-	-	20.7	7.2	1.5	2.3
		1954	2,470.0	16.4	1.0	(Z)	14.9	4.7	0.8	-
31	Leather and leather products.....	1971	115.6	1.3	(S)	(Z)	8.2	4.0	1.0	4.9
		1967	277.6	2.5	-	-	4.2	2.4	0.4	4.3
		1962	404.0	3.6	(S)	(S)	6.5	3.4	3.2	-
		1958	467.0	3.6	-	-	1.9	0.9	1.0	5.2
		1954	610.0	6.5	1.0	(Z)	3.4	1.2	0.5	-
32	Stone, clay, and glass products.....	1971	9,708.7	104.7	307.1	6.4	703.9	312.2	30.1	39.9
		1967	11,797.4	87.5	48.5	1.2	624.4	237.7	18.6	48.4
		1962	11,487.0	83.2	156.0	3.2	559.5	217.0	38.6	-
		1958	11,786.0	94.4	166.0	3.5	446.1	155.2	12.9	25.9
		1954	13,634.0	95.8	191.0	3.4	390.8	112.4	11.9	-

See footnotes at end of table.

TABLE 2. Quantity and Cost of Purchased Fuels Used for Heat and Power by Industry Group:
1971, 1967, 1962, 1958, and 1954—Continued

Code	State and industry group	Year	Kilowatt-hours equivalent ¹	Total cost	Fuel oil					
					Total		Distillate ³		Residual ³	
					Quantity	Cost	Quantity	Cost	Quantity	Cost ⁴
					(million dollars) ²	(million dollars) ²	(1,000 barrels)	(million dollars)	(1,000 barrels)	(million dollars)
			(billions)	(million dollars) ²	(1,000 barrels)	(million dollars) ²	(1,000 barrels)	(million dollars)	(1,000 barrels)	(million dollars)
			Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H
33	Primary metal industries.....	1971	595.4	1,151.4	36,935.1	157.6	15,968.4	70.6	20,966.7	87.0
		1967	600.5	942.2	40,712.2	132.8	16,829.7	57.6	23,882.5	75.2
		1962	603.6	879.8	46,182.0	155.5	10,815.0	41.7	35,367.0	114.2
		1958	467.8	743.5	47,083.0	157.8	(NA)	(NA)	(NA)	(NA)
		1954	486.0	1,438.3	56,673.0	176.7	(NA)	(NA)	(NA)	(NA)
34	Fabricated metal products.....	1971	82.8	178.2	4,854.6	21.8	2,960.7	14.2	1,893.9	7.6
		1967	72.6	145.2	4,566.5	16.7	2,474.9	10.3	2,091.6	6.4
		1962	53.6	109.9	7,104.0	25.6	3,125.0	14.4	3,979.0	11.3
		1958	48.4	91.8	6,151.0	20.3	(NA)	(NA)	(NA)	(NA)
		1954	46.7	78.5	6,622.0	25.1	(NA)	(NA)	(NA)	(NA)
35	Machinery, except electrical.....	1971	85.3	172.5	5,934.9	26.3	3,171.5	14.5	2,763.4	11.9
		1967	74.6	138.8	5,206.8	17.1	2,120.1	8.7	3,086.5	8.3
		1962	58.7	106.9	7,705.0	27.0	2,652.0	11.5	5,053.0	15.4
		1958	54.0	95.3	3,747.0	12.1	(NA)	(NA)	(NA)	(NA)
		1954 ¹	86.6	141.5	10,311.0	36.2	(NA)	(NA)	(NA)	(NA)
36	Electrical equipment and supplies.....	1971	56.6	116.4	5,251.0	23.7	2,725.0	12.2	2,526.1	11.5
		1967	50.0	89.5	2,570.1	8.2	1,107.9	4.2	1,462.2	4.0
		1962	39.1	70.2	5,152.0	17.6	1,478.0	6.5	3,674.0	11.1
		1958	33.5	58.5	2,347.0	7.8	(NA)	(NA)	(NA)	(NA)
37	Transportation equipment.....	1971	86.4	178.3	6,760.7	29.3	3,257.2	15.0	3,503.5	14.3
		1967	83.6	141.3	5,856.9	18.5	1,946.0	8.2	3,910.9	10.4
		1962	69.4	112.9	7,003.0	22.5	1,931.0	7.9	5,071.0	14.7
		1958	64.4	100.2	7,388.0	22.0	(NA)	(NA)	(NA)	(NA)
		1954	62.5	94.4	6,691.0	24.0	(NA)	(NA)	(NA)	(NA)
38	Instruments and related products.....	1971	16.5	33.9	1,771.6	8.2	608.0	2.8	1,163.5	5.4
		1967	12.9	21.7	238.3	0.8	167.8	0.6	70.7	0.2
		1962	9.7	17.8	1,476.0	5.0	459.0	1.9	1,017.0	3.2
		1958	8.3	14.4	152.0	0.8	(NA)	(NA)	(NA)	(NA)
		1954	7.3	10.4	889.0	3.0	(NA)	(NA)	(NA)	(NA)
19	Ordnance and accessories, and									
39	Miscellaneous manufacturing industries.....	1971	24.5	49.1	3,207.5	14.2	1,709.9	7.9	1,497.6	6.3
		1967	19.5	38.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1962	16.3	30.9	2,630.0	9.0	773.0	3.6	1,858.0	5.3
		1958	13.9	24.8	1,044.0	3.6	(NA)	(NA)	(NA)	(NA)
		1954	19.2	28.6	3,761.0	11.9	(NA)	(NA)	(NA)	(NA)

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (NA) Not available. (Z) Less than \$50 thousand. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. Unpublished estimates in this table, including those which can be derived by subtraction, should be considered generally unreliable.

¹Represents the kilowatt-hours equivalent of all purchased fuels. For factors used to convert fuels to this international unit of energy, see text.

²See Table 3 for the standard error of estimate associated with 1971 figures in this column. For limitations of data for earlier years, see published Census reports for those years.

TABLE 2. Quantity and Cost of Purchased Fuels Used for Heat and Power by Industry Group:
1971, 1967, 1962, 1958, and 1954—Continued

Code	State and industry group	Year	Bituminous coal, lignite and anthracite		Coke and breeze		Gas (natural manufactured, still, blast-furnace, and coke-oven) ⁴		Other fuels (gasoline, LPG, wood, and pur- chased steam) ⁵ (million dollars)	Fuels not specified by kind ⁶ (million dollars)
			Quantity	Cost	Quantity	Cost	Quantity	Cost		
			(1,000 short tons) Col. I	(million dollars) ² Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) ² Col. N		
33	Primary metal industries.....	1971	9,462.4	90.3	12,228.8	285.7	1,102.0	525.4	62.1	30.3
		1967	9,883.2	71.1	12,990.5	229.0	1,141.6	426.4	30.1	52.8
		1962	13,511.0	84.5	16,515.0	277.9	937.3	333.1	28.5	-
		1958	11,325.0	83.5	12,999.0	254.7	634.7	220.7	19.4	7.3
		1954	10,370.0	70.2	53,275.0	844.2	836.0	312.5	34.8	-
34	Fabricated metal products.....	1971	649.6	7.7	(S)	4.6	157.4	91.6	12.7	39.8
		1967	1,018.0	8.1	113.5	4.0	103.7	59.8	7.4	49.2
		1962	1,045.0	8.0	125.0	4.0	92.6	55.4	16.8	-
		1958	1,020.0	8.7	149.0	4.4	49.2	26.8	4.2	27.4
		1954	1,730.0	14.2	239.0	5.7	62.3	28.7	4.9	-
35	Machinery, except electrical.....	1971	1,214.9	12.7	(S)	6.7	149.2	83.3	12.4	31.0
		1967	1,664.5	12.9	165.7	6.0	79.6	47.4	6.2	49.2
		1962	2,283.0	17.9	185.0	5.7	75.6	42.2	14.0	-
		1958	1,616.0	13.8	121.0	4.0	25.5	12.4	5.3	47.7
		1954 ⁷	4,659.0	36.5	271.0	6.6	78.9	34.6	27.6	-
36	Electrical equipment and supplies.....	1971	685.9	7.1	(S)	0.8	107.6	60.8	9.5	14.6
		1967	771.7	6.0	9.8	0.4	48.0	25.9	3.7	45.3
		1962	1,463.0	10.7	33.0	0.8	53.8	31.7	9.4	-
		1958	968.0	8.4	6.0	0.2	19.1	10.0	4.1	28.0
37	Transportation equipment.....	1971	2,609.7	33.9	(S)	3.2	141.6	80.3	18.9	12.8
		1967	3,432.4	28.2	178.1	6.7	106.6	55.2	15.9	16.8
		1962	3,863.0	29.8	163.0	4.8	73.3	39.1	16.6	-
		1958	3,840.0	31.4	78.0	2.5	55.8	26.0	14.2	4.1
		1954	4,217.0	32.5	198.0	4.5	45.7	20.8	12.7	-
38	Instruments and related products.....	1971	696.9	8.5	-	-	15.8	9.5	2.0	5.7
		1967	-	-	-	-	2.7	1.7	5.6	13.6
		1962	571.0	5.0	(S)	(S)	9.1	5.5	(S)	-
		1958	432.0	4.1	-	-	0.6	0.4	0.9	8.3
		1954	533.0	4.8	2.0	0.1	4.8	1.9	0.6	-
19	Ordnance and accessories, and									
39	Miscellaneous manufacturing industries.....	1971	135.1	1.6	(S)	0.1	40.3	19.6	3.2	10.4
		1967	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	38.5
		1962	600.0	4.7	3.0	0.1	17.6	9.8	7.3	-
		1958	147.0	1.2	-	-	5.8	2.6	1.9	15.4
		1954	844.0	7.2	8.0	0.2	18.7	7.2	2.1	-

³Distillate includes grades 1,2, and 4 fuel oil; light diesel-type fuel oil; light gas-enrichment oil, etc. Residual includes grades 5 and 6 fuel oil; heavy diesel-type fuel oil; bunker "C" fuel oil; heavy gas-enrichment oil, etc.

⁴For 1971 represents natural gas only. For earlier years, represents all listed types of gas.

⁵For 1971, also includes gas (except natural gas).

⁶Represents estimated cost of fuels consumed for those establishments, generally few in number and small in size, which did not report quantity and cost of specified fuels.

⁷Represents combined data for Major Groups 35 and 36.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971**

Code	Industry group and industry	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	All industries, total.....	3,297.9	5,360.6	245,667.2	989.3	104,940.8	453.4	140,726.4	535.9	1	1
20	Food and kindred products.....	266.8	464.7	20,763.1	93.1	10,891.0	50.0	9,872.1	43.1	1	2
201	Meat products.....	33.3	57.1	2,187.2	10.0	1,103.0	5.3	1,084.2	4.7	2	2
2011	Meatpacking plants.....	23.1	38.2	1,261.5	5.7	510.7	2.5	750.7	3.2	3	3
2013	Sausages and other prepared meats.....	5.0	9.3	374.2	1.9	264.1	1.3	110.1	.6	6	6
2015	Poultry dressing plants.....	5.2	9.6	551.5	2.4	328.2	1.5	223.3	.9	2	4
202	Dairy products.....	28.5	54.3	2,162.0	9.7	1,357.8	6.2	804.2	3.4	2	4
2021	Creamery butter.....	2.8	4.9	136.5	.6	115.8	.5	20.7	.1	7	15
2022	Cheese, natural and processed.....	5.7	10.1	392.7	1.8	288.4	1.3	104.3	.4	5	8
2023	Condensed and evaporated milk.....	6.2	11.8	463.2	2.1	185.1	.9	278.0	1.2	1	2
2024	Ice cream and frozen desserts.....	.9	2.0	185.3	.8	103.7	.5	81.5	.3	12	11
2026	Fluid milk.....	12.9	25.6	984.4	4.4	664.8	3.0	319.7	1.4	4	7
203	Canned, cured, and frozen foods.....	34.2	65.0	3,960.7	17.3	2,417.8	10.6	1,542.9	6.6	1	2
2031	Canned and cured seafoods.....	1.5	3.3	343.1	1.4	275.2	1.1	67.9	.3	8	13
2032	Canned specialties.....	5.6	10.7	851.2	3.9	577.8	2.8	273.5	1.1	1	1
2033	Canned fruits and vegetables.....	14.2	26.5	1,357.8	6.0	628.3	2.8	729.5	3.2	2	4
2034	Dehydrated food products.....	2.5	4.6	101.0	.4	94.6	.4	6.4	(Z)	1	10
2035	Pickles, sauces, and salad dressings.....	2.1	3.7	114.6	.5	58.9	.3	55.7	.2	6	11
2036	Fresh or frozen packaged fish.....	.8	2.0	219.4	.9	173.1	.7	46.3	.2	9	16
2037	Frozen fruits and vegetables.....	7.6	14.2	973.6	4.1	609.9	2.5	363.7	1.6	1	1
204	Grain mill products.....	37.6	57.2	1,396.5	6.6	999.7	4.9	396.8	1.7	5	18
2041	Flour and other grain mill products.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
2042	Prepared feeds for animals and fowls.....	13.5	22.7	691.2	3.2	523.6	2.5	167.6	.7	7	9
2043	Cereal preparations.....	2.0	4.0	127.4	.6	18.6	.1	108.8	.5	1	1
2044	Rice milling.....	.5	.6	.3	(Z)	.3	(Z)	-	-	1	1
2045	Blended and prepared flour.....	.5	.9	56.8	.2	5.5	(Z)	51.3	.2	4	4
2046	Wet corn milling.....	17.9	22.7	214.1	1.0	154.1	.7	60.0	.3	1	1
205	Bakery products.....	16.2	32.8	1,167.3	5.1	869.7	3.9	297.6	1.2	4	25
2051	Bread, cake, and related products.....	13.0	26.7	1,053.3	4.5	829.6	3.7	223.7	.9	5	28
2052	Cookies and crackers.....	3.2	6.2	114.0	.6	40.1	.2	73.9	.3	2	8
206	Sugar.....	38.3	56.7	2,441.8	10.6	584.2	2.4	1,857.6	8.2	1	1
2061	Raw cane sugar.....	4.1	6.5	705.2	3.1	124.4	.6	580.8	2.6	4	1
2062	Cane sugar refining.....	10.0	16.8	1,439.4	6.2	288.6	1.1	1,150.8	5.1	1	1
2063	Beet sugar.....	24.2	33.4	297.3	1.2	171.2	.8	126.1	.5	1	1
207	Confectionery and related products.....	5.2	10.5	605.2	2.7	293.8	1.4	311.4	1.3	4	2
2071	Confectionery products.....	3.9	7.6	406.4	1.8	179.6	.8	226.8	1.0	6	4
2072	Chocolate and cocoa products.....	1.0	2.3	78.0	.4	43.0	.2	35.1	.1	3	1
2073	Chewing gum.....	.3	.6	120.7	.5	71.2	.3	49.5	.2	1	2
208	Beverages.....	31.2	57.0	2,981.2	13.3	1,299.4	6.1	1,681.8	7.2	2	4
2082	Malt liquors.....	12.5	22.8	1,712.4	7.6	592.5	2.8	1,119.9	4.7	2	4
2083	Malt.....	2.5	4.9	24.1	.1	12.7	.1	11.4	(Z)	1	1
2084	Wines, brandy, and brandy spirits.....	1.0	1.9	29.2	.2	22.7	.1	6.5	(Z)	5	11
2085	Distilled liquor, except brandy.....	6.0	9.0	364.3	1.6	137.9	.6	226.4	.9	1	8
2086	Bottled and canned soft drinks.....	7.2	14.1	494.4	2.2	390.1	1.8	104.4	.4	8	18
2087	Flavoring extracts and sirups, n.e.c.....	2.0	4.4	356.8	1.6	143.5	.6	213.3	1.0	16	11
209	Miscellaneous foods and kindred products.....	42.2	73.9	3,861.1	17.9	1,965.6	9.1	1,895.5	8.8	3	6
2091	Cottonseed oil mills.....	1.4	1.9	14.7	.1	9.8	(Z)	4.9	(Z)	3	8
2092	Soybean oil mills.....	11.5	17.9	422.9	2.0	199.4	1.0	223.5	1.0	1	1
2093	Vegetable oil mills, n.e.c.....	1.0	1.8	81.1	.4	17.0	.1	64.1	.3	14	1
2094	Animal and marine fats and oils.....	9.9	18.3	1,298.0	5.6	683.6	2.7	614.4	2.9	12	21
2095	Roasted coffee.....	2.6	5.0	372.8	2.0	130.5	.7	242.3	1.3	2	1
2096	Shortening and cooking oils.....	7.2	12.0	892.5	4.2	446.9	2.3	445.6	1.9	1	1
2097	Manufactured ice.....	(S)	(S)	(S)	(S)	(S)	(S)	-	-	(X)	(X)
2098	Macaroni and spaghetti.....	.5	1.2	81.7	.4	57.4	.3	24.2	.1	15	16
2099	Food preparations, n.e.c.....	7.8	15.3	644.9	3.1	368.4	1.8	276.5	1.3	3	4
21	Tobacco manufactures.....	4.6	9.5	704.0	2.9	201.3	.9	502.7	2.1	2	2
2111	Cigarettes.....	2.5	5.3	315.4	1.3	38.6	.2	276.8	1.2	1	1
2121	Cigars.....	.2	.4	32.4	.2	21.0	.1	11.4	.1	4	1
2131	Chewing and smoking tobacco.....	.3	.6	12.1	.1	4.2	(Z)	7.9	(Z)	2	1
2141	Tobacco stemming and redrying.....	1.6	3.2	344.1	1.4	137.5	.6	206.7	.8	6	4
22	Textile mill products.....	81.6	159.7	11,202.4	48.0	4,648.0	20.7	6,554.4	27.3	1	1
2211	Weaving mills, cotton.....	8.8	14.5	508.1	2.1	183.5	.9	324.6	1.2	1	6
2221	Weaving mills, synthetics.....	9.2	16.7	952.4	4.1	391.8	1.6	560.5	2.5	2	1
2231	Weaving and finishing mills, wool.....	3.1	6.6	742.7	3.1	202.4	.9	540.3	2.2	5	8
2241	Narrow fabric mills.....	1.1	2.1	178.7	.7	65.1	.3	113.6	.4	8	19

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	All industries, total.....	61,392.6	658.1	13,742.8	317.6	6,454.4	2,559.9	377.5	458.2	1	1
20	Food and kindred products.....	4,456.1	44.7	153.5	3.8	478.5	220.9	28.5	73.8	1	1
201	Meat products.....	360.1	3.6	-	-	58.8	25.9	4.3	13.3	4	2
2011	Meatpacking plants.....	351.5	3.5	-	-	42.9	18.1	3.3	7.6	4	3
2013	Sausages and other prepared meats.....	6.2	.1	-	-	8.9	4.5	.4	2.4	16	5
2015	Poultry dressing plants.....	2.3	(Z)	-	-	7.0	3.3	.6	3.3	1	2
202	Dairy products.....	186.6	2.5	(S)	(Z)	43.7	22.1	4.9	15.1	6	1
2021	Creamery butter.....	7.1	.1	-	-	4.5	2.0	.4	1.7	37	3
2022	Cheese, natural and processed.....	16.6	.2	(S)	(Z)	8.6	3.9	.6	3.6	13	4
2023	Condensed and evaporated milk.....	99.6	1.6	-	-	12.4	6.3	.6	1.2	2	2
2024	Ice cream and frozen desserts.....	.5	(Z)	-	-	1.8	1.1	(Z)	(Z)	1	7
2026	Fluid milk.....	62.7	.7	-	-	16.4	8.7	3.3	8.6	24	3
203	Canned, cured, and frozen foods.....	266.7	3.6	-	-	64.6	32.6	3.1	8.5	5	1
2031	Canned and cured seafoods.....	3.9	.1	-	-	2.5	1.1	.7	(Z)	93	9
2032	Canned specialties.....	160.9	2.0	-	-	7.3	3.3	.5	1.0	1	2
2033	Canned fruits and vegetables.....	52.9	.8	-	-	28.8	14.7	.9	4.0	13	3
2034	Dehydrated food products.....	4.9	(Z)	-	-	6.7	3.7	(Z)	.5	1	1
2035	Pickles, sauces, and salad dressings.....	24.7	.4	-	-	3.0	1.4	.2	1.2	1	8
2036	Fresh or frozen packaged fish.....	19.4	.2	-	-	.3	.2	.5	.2	77	2
2037	Frozen fruits and vegetables.....	-	-	-	-	15.9	8.1	.4	1.6	(X)	1
204	Grain mill products.....	1,293.0	11.6	(S)	.1	67.2	29.1	2.7	7.2	1	6
2041	Flour and other grain mill products.....	(S)	(S)	-	-	(S)	(S)	(S)	(X)	(X)	(X)
2042	Prepared feeds for animals and fowls.....	58.0	.5	(S)	.1	27.3	11.8	1.7	5.3	4	10
2043	Cereal preparations.....	13.8	.2	-	-	4.1	1.9	.8	.4	2	1
2044	Rice milling.....	-	-	-	-	1.7	.6	-	(Z)	(X)	1
2045	Blended and prepared flour.....	1.6	(Z)	-	-	.8	.5	(Z)	.2	1	2
2046	Wet corn milling.....	1,148.8	10.0	-	-	28.3	11.5	-	.2	1	1
205	Bakery products.....	24.7	.3	-	-	27.3	16.2	2.5	8.8	2	4
2051	Bread, cake, and related products.....	3.9	.1	-	-	21.6	12.9	2.1	7.1	9	5
2052	Cookies and crackers.....	20.8	.2	-	-	5.7	3.3	.4	1.7	1	4
206	Sugar.....	914.2	7.9	145.5	3.6	77.0	29.4	1.7	3.6	1	1
2061	Raw cane sugar.....	-	-	-	-	6.6	1.7	.4	1.3	(X)	16
2062	Cane sugar refining.....	-	-	-	-	23.1	9.4	.8	.4	(X)	1
2063	Beet sugar.....	914.2	7.9	145.5	3.6	47.3	18.3	.5	1.8	1	1
207	Confectionery and related products.....	97.8	1.5	-	-	7.3	4.0	.5	1.8	1	9
2071	Confectionery products.....	26.8	.4	-	-	5.6	3.0	.5	1.8	2	12
2072	Chocolate and cocoa products.....	71.0	1.1	-	-	1.3	.8	-	-	1	1
2073	Chewing gum.....	-	-	-	-	.3	.2	-	(Z)	(X)	1
208	Beverages.....	706.0	7.2	(S)	(Z)	48.1	23.3	4.8	8.4	6	2
2082	Malt liquors.....	158.4	1.8	-	-	24.4	11.0	1.5	.9	13	1
2083	Malt.....	5.0	.1	(S)	(Z)	6.4	3.6	.3	.7	61	1
2084	Wines, brandy, and brandy spirits.....	-	-	-	-	2.1	1.1	.1	.5	(X)	7
2085	Distilled liquor, except brandy.....	479.2	4.7	-	-	3.9	1.9	(Z)	.8	1	1
2086	Bottled and canned soft drinks.....	63.4	.6	(S)	(Z)	9.4	4.8	2.1	4.4	69	10
2087	Flavoring extracts and sirups, n.e.c.....	-	-	-	-	1.8	1.0	.7	1.1	(X)	20
209	Miscellaneous foods and kindred products	607.1	6.6	-	-	84.6	38.2	3.9	7.3	2	3
2091	Cottonseed oil mills.....	-	-	-	-	3.8	1.5	(Z)	.3	(X)	3
2092	Soybean oil mills.....	357.8	3.9	-	-	25.0	11.0	.3	.7	1	1
2093	Vegetable oil mills, n.e.c.....	9.2	.2	-	-	2.2	1.0	(Z)	.2	1	18
2094	Animal and marine fats and oils.....	25.6	.2	-	-	20.2	8.9	2.0	1.6	75	15
2095	Roasted coffee.....	6.1	.1	-	-	5.3	2.3	(Z)	.5	1	1
2096	Shortening and cooking oils.....	143.5	1.5	-	-	14.2	5.9	.2	.2	1	2
2097	Manufactured ice.....	(S)	(S)	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2098	Macaroni and spaghetti.....	1.2	(Z)	-	-	.5	.3	.1	.4	1	6
2099	Food preparations, n.e.c.....	62.0	.6	-	-	13.2	7.3	1.1	3.2	1	4
21	Tobacco manufactures.....	173.3	2.9	-	-	4.0	2.3	.2	1.2	1	3
2111	Cigarettes.....	136.7	2.3	-	-	2.5	1.5	-	.2	1	1
2121	Cigars.....	-	-	-	-	.2	.1	(Z)	.2	(X)	9
2131	Chewing and smoking tobacco.....	12.0	.2	-	-	.2	.1	(Z)	.2	1	7
2141	Tobacco stemming and redrying.....	24.6	.4	-	-	1.1	.6	.1	.6	1	13
22	Textile mill products.....	1,545.8	20.5	(S)	(Z)	100.7	53.3	9.7	28.3	1	1
2211	Weaving mills, cotton.....	354.5	4.3	(S)	(Z)	11.8	5.5	.1	2.6	1	1
2221	Weaving mills, synthetics.....	267.6	3.4	(S)	(Z)	12.4	6.3	.2	2.7	1	1
2231	Weaving and finishing mills, wool.....	31.8	.6	-	-	2.3	1.2	.6	1.1	4	10
2241	Narrow fabric mills.....	3.8	.1	-	-	1.2	.7	.1	.6	27	9

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
22	Textile mill products--Continued										
225	Knitting mills.....	14.3	28.2	2,130.4	9.2	996.1	4.5	1,134.3	4.8	4	6
2251	Women's hosiery, except socks.....	1.9	3.6	205.1	.9	94.3	.5	110.8	.5	5	10
2252	Hosiery, n.e.c.....	1.4	2.7	241.7	1.0	106.5	.4	135.2	.5	11	24
2253	Knit outerwear mills.....	2.8	5.1	208.3	1.0	149.9	.7	58.4	.3	9	13
2254	Knit underwear mills.....	.9	1.8	106.7	.5	80.6	.4	26.0	.1	3	6
2256	Knit fabric mills.....	7.1	14.7	1,365.2	5.8	561.4	2.4	803.8	3.4	6	9
2259	Knitting mills, n.e.c.....	(S)	(S)	(S)	(S)	(S)	(S)	-	-	(X)	(X)
226	Textile finishing, except wool.....	23.7	47.7	3,308.1	13.5	1,185.8	5.1	2,122.2	8.4	2	4
2261	Finishing plants, cotton.....	9.7	20.2	1,448.0	5.7	485.4	2.1	962.6	3.7	5	5
2262	Finishing plants, synthetics.....	11.4	22.3	1,561.1	6.5	521.4	2.2	1,039.7	4.3	3	6
2269	Finishing plants, n.e.c.....	2.6	5.2	299.0	1.2	179.0	.7	119.9	.5	7	12
227	Floor covering mills.....	8.7	18.0	1,356.7	6.4	518.5	2.5	838.2	4.0	1	1
2271	Woven carpets and rugs.....	.7	1.5	111.2	.5	9.5	(Z)	101.6	.5	1	1
2272	Tufted carpets and rugs.....	7.7	15.8	1,215.9	5.8	508.9	2.4	707.1	3.4	1	1
2279	Carpets and rugs, n.e.c.....	.3	.6	29.5	.1	-	-	29.5	.1	9	1
228	Yarn and thread mills.....	5.9	11.3	857.1	3.8	392.2	1.8	465.0	2.0	2	2
2281	Yarn mills, except wool.....	2.8	5.5	441.7	1.9	231.3	1.0	210.5	.9	1	1
2282	Throwing and winding mills.....	1.4	2.5	127.4	.6	40.5	.2	86.9	.4	1	1
2283	Wool yarn mills.....	.7	1.3	120.2	.5	77.5	.3	42.6	.2	14	10
2284	Thread mills.....	1.0	2.0	167.9	.8	42.9	.2	125.0	.5	5	8
229	Miscellaneous textile goods.....	6.9	14.6	1,168.2	5.1	712.6	3.3	455.7	1.8	2	4
2291	Felt goods, n.e.c.....	.7	1.3	174.4	.7	76.8	.4	97.6	.4	3	4
2292	Lace goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
2293	Paddings and upholstery filling.....	.5	1.1	22.5	.1	21.6	.1	.9	(Z)	11	22
2294	Processed textile waste.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
2295	Coated fabrics, not rubberized.....	2.5	5.1	368.1	1.6	198.4	.9	169.7	.7	2	2
2296	Tire cord and fabric.....	.7	1.3	6.8	(Z)	3.5	(Z)	3.3	(Z)	1	1
2297	Scouring and combing plants.....	.8	1.9	190.1	.8	83.6	.4	106.5	.5	12	19
2298	Cordage and twine.....	.3	.6	56.2	.2	44.2	.2	12.0	(Z)	8	14
2299	Textile goods, n.e.c.....	.9	2.1	251.0	1.1	225.8	1.0	25.2	.1	7	13
23	Apparel, other textile products.....	13.9	33.3	1,159.8	4.8	950.3	4.0	209.5	.8	3	9
2311	Men's and boys' suits and coats.....	1.3	3.2	101.8	.4	75.3	.3	26.4	.1	2	10
232	Men's and boys' furnishings.....	3.1	7.0	210.7	.9	151.8	.7	58.9	.2	6	8
2321	Men's and boys' shirts and nightwear.....	.8	1.8	87.2	.4	52.9	.2	34.2	.1	4	15
2322	Men's and boys' underwear.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
2323	Men's and boys' neckwear.....	(S)	(S)	-	-	-	-	-	-	(X)	(X)
2327	Men's and boys' separate trousers.....	1.0	2.0	39.3	.2	38.5	.2	.7	(Z)	4	22
2328	Men's and boys' work clothing.....	.6	1.3	18.2	.1	5.4	(Z)	12.8	(Z)	5	29
2329	Men's and boys' clothing, n.e.c.....	.4	.9	20.1	.1	12.5	.1	7.6	(Z)	18	24
233	Women's and misses' outerwear.....	3.4	9.1	303.8	1.2	285.1	1.1	18.7	.1	10	9
2331	Women's and misses' blouses, waists.....	.4	1.0	43.9	.2	43.9	.2	-	-	9	27
2335	Women's and misses' dresses.....	1.6	4.4	102.5	.4	97.5	.4	5.0	(Z)	7	20
2337	Women's and misses' suits and coats.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
2339	Women's and misses' outerwear, n.e.c.....	.5	1.1	141.4	.5	129.2	.5	12.1	(Z)	11	4
234	Women's, children's undergarments.....	.6	1.6	50.3	.2	45.1	.2	5.2	(Z)	4	7
2341	Women's and children's underwear.....	.5	1.2	39.0	.2	36.0	.2	3.0	(Z)	4	9
2342	Corsets and allied garments.....	.2	.5	11.3	.1	9.1	(Z)	2.2	(Z)	11	1
235	Hats, caps, and millinery.....	.2	.5	24.5	.1	7.5	(Z)	17.0	.1	5	1
2351	Millinery.....	.2	.5	24.5	.1	7.5	(Z)	17.0	.1	5	1
2352	Hats and caps, except millinery.....										
236	Children's outerwear.....	.4	.9	38.6	.2	32.2	.1	6.4	(Z)	11	13
2361	Children's dresses and blouses.....	.2	.4	30.3	.1	28.1	.1	2.2	(Z)	17	15
2363	Children's coats and suits.....	(S)	(S)	(S)	(S)	(S)	(S)	-	-	(X)	(X)
2369	Children's outerwear, n.e.c.....	.1	.3	6.4	(Z)	2.2	(Z)	4.2	(Z)	15	1
2371	Fur goods.....	(S)	(S)	-	-	-	-	-	-	(X)	(X)
238	Miscellaneous apparel and accessories....	.6	1.5	46.7	.2	36.8	.2	9.9	.1	8	13
2381	Fabric dress and work gloves.....	.1	.2	1.8	(Z)	.4	(Z)	1.5	(Z)	5	14
2384	Robes and dressing gowns.....	(S)	(S)	(S)	(S)	(S)	(S)	-	-	(X)	(X)
2385	Waterproof outer garments.....	.2	.5	18.1	.1	11.4	.1	6.7	(Z)	14	27
2386	Leather and sheep lined clothing.....	.1	.2	-	-	-	-	-	-	5	(X)
2387	Apparel belts.....	.1	.1	4.1	(Z)	2.6	(Z)	1.5	(Z)	8	33
2389	Apparel and accessories, n.e.c.....	.1	.2	21.8	.1	21.6	.1	.3	(Z)	15	10

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
22	Textile mill products--Continued										
225	Knitting mills.....	59.3	.9	-	-	15.2	8.2	1.5	8.4	18	5
2251	Women's hosiery, except socks.....	3.3	.1	-	-	2.8	1.4	.2	1.0	1	4
2252	Hosiery, n.e.c.....	19.5	.2	-	-	2.0	1.1	(Z)	.4	70	21
2253	Knit outerwear mills.....	17.1	.3	-	-	1.7	1.0	.1	2.8	7	2
2254	Knit underwear mills.....	3.7	.1	-	-	1.1	.6	(Z)	.6	1	2
2256	Knit fabric mills.....	15.7	.3	-	-	7.4	4.1	1.1	3.4	1	■
2259	Knitting mills, n.e.c.....	-	-	-	-	(S)	(S)	-	(S)	(X)	(X)
226	Textile finishing, except wool.....	606.6	7.9	-	-	28.8	15.3	5.5	5.6	1	2
2261	Finishing plants, cotton.....	364.9	4.5	-	-	11.2	5.9	3.7	.4	1	2
2262	Finishing plants, synthetics.....	220.4	3.1	-	-	13.9	7.4	1.3	4.0	1	3
2269	Finishing plants, n.e.c.....	21.3	.3	-	-	3.6	2.0	.4	1.2	5	6
227	Floor covering mills.....	78.3	1.1	-	-	13.3	7.4	.5	2.6	1	1
2271	Woven carpets and rugs.....	18.2	.4	-	-	.9	.5	(Z)	.2	1	1
2272	Tufted carpets and rugs.....	60.1	.7	-	-	12.1	6.8	.4	2.1	1	1
2279	Carpets and rugs, n.e.c.....	-	-	-	-	.3	.2	(Z)	.3	(X)	29
228	Yarn and thread mills.....	81.0	1.1	(S)	(Z)	7.1	3.5	.5	2.4	1	3
2281	Yarn mills, except wool.....	44.9	.5	(S)	(Z)	4.1	2.1	.2	.7	2	2
2282	Throwing and winding mills.....	2.7	.1	-	-	1.5	.8	(Z)	1.1	24	2
2283	Wool yarn mills.....	-	-	-	-	.6	.3	.2	.4	(X)	11
2284	Thread mills.....	33.4	.5	-	-	.9	.4	(Z)	.2	1	20
229	Miscellaneous textile goods.....	63.0	1.1	-	-	8.8	5.1	.9	2.4	12	2
2291	Felt goods, n.e.c.....	.1	(Z)	-	-	.6	.3	(S)	(S)	1	1
2292	Lace goods.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2293	Paddings and upholstery filling.....	15.6	.2	-	-	.7	.6	(S)	(S)	1	4
2294	Processed textile waste.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2295	Coated fabrics, not rubberized.....	-	-	-	-	3.4	2.0	.1	1.3	(X)	2
2296	Tire cord and fabric.....	5.9	.1	-	-	1.8	1.0	(S)	(S)	1	1
2297	Scouring and combing plants.....	38.5	.7	-	-	.2	.1	(S)	(S)	19	36
2298	Cordage and twine.....	2.7	(Z)	-	-	.3	.1	(S)	(S)	34	12
2299	Textile goods, n.e.c.....	.2	(Z)	-	-	1.4	.6	.3	(Z)	1	1
23	Apparel, other textile products.....	146.7	1.8	-	-	14.2	6.9	2.9	16.9	2	3
2311	Men's and boys' suits and coats.....	2.0	(Z)	-	-	1.0	.5	.3	2.0	1	6
232	Men's and boys' furnishings.....	3.9	.1	-	-	5.2	2.3	.7	2.9	25	4
2321	Men's and boys' shirts and nightwear.....	2.2	(Z)	-	-	1.1	.4	.1	.9	60	10
2322	Men's and boys' underwear.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2323	Men's and boys' neckwear.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2327	Men's and boys' separate trousers.....	.8	(Z)	-	-	2.1	.9	.1	.9	(X)	10
2328	Men's and boys' work clothing.....	.6	(Z)	-	-	1.1	.5	.1	.6	11	4
2329	Men's and boys' clothing, n.e.c.....	.3	(Z)	-	-	.5	.2	(Z)	.6	(X)	8
233	Women's and misses' outerwear.....	4.6	.1	-	-	1.6	.6	1.2	6.1	42	9
2331	Women's and misses' blouses, waists.....	.9	(Z)	-	-	.2	.1	-	.7	51	19
2335	Women's and misses' dresses.....	3.4	.1	-	-	.6	.2	.2	3.4	55	18
2337	Women's and misses' suits and coats.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2339	Women's and misses' outerwear, n.e.c.....	.3	(Z)	-	-	.5	.2	(Z)	.4	(X)	14
234	Women's children's undergarments.....	1.2	(Z)	-	-	.5	.2	(Z)	1.1	(X)	5
2341	Women's and children's underwear.....	.2	(Z)	-	-	.4	.2	(Z)	.4	(X)	7
2342	Corsets and allied garments.....	1.1	(Z)	-	-	.1	.1	(Z)	.3	(X)	8
235	Hats, caps, and millinery.....	1.5	(Z)	-	-	.2	.1	-	.3	36	11
2351	Millinery.....	1.5	(Z)	-	-	.2	.1	-	.3	36	11
2352	Hats and caps, except millinery.....										
236	Children's outerwear.....	2.2	(Z)	-	-	.3	.1	(Z)	.6	99	15
2361	Children's dresses and blouses.....	2.2	(Z)	-	-	.2	.1	(Z)	.2	99	25
2363	Children's coats and suits.....	-	-	-	-	-	-	-	(S)	(X)	(X)
2369	Children's outerwear, n.e.c.....	-	-	-	-	.1	.1	(Z)	.2	(X)	12
2371	Fur goods.....	-	-	-	-	-	-	(S)	(S)	(X)	(X)
238	Miscellaneous apparel and accessories....	.3	(Z)	-	-	.6	.3	(Z)	1.0	63	5
2381	Fabric dress and work gloves.....	.3	(Z)	-	-	.2	.1	(Z)	.1	63	4
2384	Robes and dressing gowns.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2385	Waterproof outer garments.....	-	-	-	-	.2	.1	(Z)	.2	(X)	2
2386	Leather and sheep lined clothing.....	-	-	-	-	.1	(Z)	-	.2	(X)	15
2387	Apparel belts.....	-	-	-	-	(Z)	(Z)	-	.1	(X)	(X)
2389	Apparel and accessories, n.e.c.....	-	-	-	-	.1	(Z)	(Z)	.1	(X)	46

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity	Cost	Quantity	Cost	Quantity	Cost	B	D
				(1,000 barrels) Col. C	(million dollars) Col. D	(1,000 barrels) Col. E	(million dollars) Col. F	(1,000 barrels) Col. G	(million dollars) Col. H		
23	Apparel, other textile products--Con.										
239	Miscellaneous fabricated textile products	4.3	9.3	383.4	1.5	316.4	1.2	67.1	.3	6	27
2391	Curtains and draperies.....	(S)	(S)	(S)	(S)	(S)	(S)	-	-	(X)	(X)
2392	Housefurnishings, n.e.c.....	1.7	2.1	51.3	.2	30.2	.1	21.1	.1	10	33
2393	Textile bags.....	(S)	(S)	(S)	(S)	(S)	(S)	-	-	(X)	(X)
2394	Canvas products.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
2395	Pleating and stitching.....	.1	.3	9.5	(Z)	9.0	(Z)	.5	(Z)	18	59
2396	Automotive and apparel trimmings.....	.6	1.5	35.3	.1	20.4	.1	14.8	.1	8	4
2397	Schiffli machine embroideries.....	.2	.4	19.0	.1	17.7	.1	1.3	(Z)	20	40
2399	Fabricated textile products, n.e.c.....	.7	1.5	202.3	.8	174.8	.7	27.5	.1	11	52
24	Lumber and wood products.....	57.3	154.7	6,371.6	27.7	5,501.4	24.4	870.2	3.3	4	9
2411	Logging camps, logging contractors.....	13.2	45.4	2,336.6	10.5	2,301.8	10.4	34.8	.1	9	17
242	Sawmills and planing mills.....	20.7	58.7	2,605.0	11.0	2,267.1	9.7	337.9	1.3	7	15
2421	Sawmills and planing mills, general.....	19.5	55.6	2,504.4	10.5	2,184.2	9.3	320.2	1.2	7	16
2426	Hardwood dimension and flooring.....	.9	2.3	73.7	.4	58.7	.3	15.0	.1	14	34
2429	Special product sawmills, n.e.c.....	.2	.8	26.9	.1	24.2	.1	2.7	(Z)	15	34
243	Millwork, plywood, related products.....	10.7	24.4	653.8	2.7	418.0	1.9	235.7	.9	3	4
2431	Millwork.....	2.0	4.8	142.0	.6	105.6	.5	36.4	.1	6	13
2432	Veneer and plywood.....	8.0	17.2	444.2	1.9	251.7	1.2	192.5	.7	2	4
2433	Prefabricated wood structures.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
244	Wooden containers.....	.7	1.8	51.6	.3	49.5	.2	2.1	(Z)	11	36
2441	Nailed wooden boxes and shooks.....	.4	1.1	36.8	.2	36.1	.2	.7	(Z)	17	51
2442	Wirebound boxes and crates.....	.1	.3	3.6	(Z)	2.9	(Z)	.7	(Z)	12	1
2443	Veneer and plywood containers.....	(Z)	.1	2.0	(Z)	1.5	(Z)	.5	(Z)	12	55
2445	Cooperage.....	.1	.2	9.3	(Z)	9.1	(Z)	.2	(Z)	6	1
249	Miscellaneous wood products.....	12.0	24.5	724.5	3.1	464.9	2.1	259.6	1.0	3	12
2491	Wood preserving.....	2.6	5.0	223.0	1.0	164.8	.7	58.3	.3	6	9
2499	Wood products, n.e.c.....	9.4	19.5	501.5	2.1	300.1	1.4	201.4	.7	3	17
25	Furniture and fixtures.....	14.2	30.2	940.2	4.2	580.0	2.7	360.2	1.5	2	6
251	Household furniture.....	8.4	18.2	689.4	3.1	379.2	1.7	310.2	1.4	4	8
2511	Wood household furniture.....	4.9	10.2	392.2	1.7	196.8	.9	195.4	.8	3	9
2512	Upholstered household furniture.....	1.6	3.5	147.3	.7	80.4	.3	66.9	.3	9	25
2514	Metal household furniture.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
2515	Mattresses and bedsprings.....	.9	1.8	66.2	.3	55.4	.2	10.8	.1	10	29
2519	Household furniture, n.e.c.....	.1	.1	2.0	(Z)	2.0	(Z)	-	-	18	1
252	Office furniture.....	1.5	3.3	53.4	.3	53.4	.3	-	-	2	14
2521	Wood office furniture.....	.2	.5	8.0	(Z)	8.0	(Z)	-	-	5	1
2522	Metal office furniture.....	1.3	2.8	45.3	.2	45.3	.2	-	-	3	17
2531	Public building furniture.....	.9	1.7	31.7	.2	27.1	.1	4.5	(Z)	5	20
254	Partitions and fixtures.....	2.4	4.7	97.9	.4	59.8	.3	38.0	.1	7	13
2541	Wood partitions and fixtures.....	1.1	2.0	45.9	.2	42.3	.2	3.5	(Z)	9	17
2542	Metal partitions and fixtures.....	1.3	2.7	52.0	.2	17.5	.1	34.5	.1	10	20
259	Miscellaneous furniture and fixtures....	1.1	2.2	67.9	.3	60.6	.3	7.4	(Z)	4	8
2591	Venetian blinds and shades.....	.7	1.5	50.4	.2	43.0	.2	7.4	(Z)	2	1
2599	Furniture and fixtures, n.e.c.....	.4	.8	17.6	.1	17.6	.1	-	-	10	38
26	Paper and allied products.....	350.5	562.4	64,588.6	228.0	18,089.1	67.1	46,499.5	160.9	1	1
2611	Pulpmills.....	23.8	41.5	6,312.7	21.9	1,473.9	6.3	4,838.8	15.7	1	1
2621	Papermills, except building paper.....	154.3	240.4	26,905.8	94.5	7,451.1	25.0	19,454.7	69.5	1	1
2631	Paperboard mills.....	128.0	200.1	26,236.1	88.9	6,988.6	25.7	19,247.5	63.2	1	1
264	Miscellaneous converted paper products..	16.4	28.6	2,171.0	9.5	818.3	3.8	1,352.7	5.6	2	6
2641	Paper coating and glazing.....	5.9	10.0	567.7	2.5	182.2	.9	385.5	1.6	2	4
2642	Envelopes.....	.5	1.1	54.2	.2	40.7	.2	13.5	.1	9	7
2643	Bags, except textile bags.....	2.2	3.5	120.9	.6	80.7	.4	40.2	.2	8	11
2644	Wallpaper.....	.3	.5	19.1	.1	14.4	.1	4.7	(Z)	10	21
2645	Die-cut paper and board.....	1.2	2.0	116.4	.7	43.6	.2	72.8	.5	18	54
2646	Pressed and molded pulp goods.....	2.4	4.2	293.0	1.3	79.5	.4	213.5	.9	6	1
2647	Sanitary paper products.....	2.6	5.2	788.4	3.2	309.3	1.5	479.2	1.7	9	14
2649	Converted paper products, n.e.c.....	1.3	2.3	211.3	.9	68.0	.3	143.3	.6	4	1
265	Paperboard containers and boxes.....	16.3	31.0	1,722.6	7.6	933.5	4.4	789.2	3.2	2	6
2651	Folding paperboard boxes.....	2.0	3.8	201.1	.9	107.2	.5	93.9	.4	8	15
2652	Setup paperboard boxes.....	.4	.9	72.5	.4	57.1	.3	15.4	.1	18	24
2653	Corrugated and solid fiber boxes.....	10.0	19.6	1,137.5	5.1	615.0	2.9	522.5	2.2	3	8
2654	Sanitary food containers.....	2.0	3.5	213.3	.8	76.6	.3	136.7	.4	2	2
2655	Fiber cans, drums, related material.....	1.8	3.2	98.2	.4	77.5	.4	20.7	.1	1	2
2661	Building paper and board mills.....	11.6	20.8	1,240.5	5.6	423.7	1.9	816.7	3.6	2	1

See footnotes at end of table.

TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued

Code	Industry group and industry	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(billion cu. ft.)	(million dollars)	(million dollars)	(million dollars)		
		Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O	Col. P		
23	Apparel, and other textile products--Con.										
239	Miscellaneous fabricated textile products	130.9	1.6	-	-	4.9	2.8	.6	2.8	1	6
2391	Curtains and draperies.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2392	Housefurnishings, n.e.c.....	108.6	1.2	-	-	2.0	1.1	.2	.4	1	7
2393	Textile bags.....	(S)	(S)	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2394	Canvas products.....	(S)	(S)	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2395	Pleating and stitching.....	1.3	(Z)	-	-	.1	(Z)	(Z)	.2	98	21
2396	Automotive and apparel trimmings.....	18.1	.3	-	-	.8	.5	.2	.4	1	7
2397	Schiffli machine embroideries.....	-	-	-	-	(Z)	(Z)	-	.3	(X)	47
2399	Fabricated textile products, n.e.c.....	2.6	(Z)	-	-	1.0	.6	(Z)	.1	1	25
24	Lumber and wood products.....	184.3	2.8	(S)	.1	71.1	32.4	38.3	53.4	2	3
2411	Logging camps, logging contractors.....	2.8	(Z)	-	-	1.8	.9	14.0	19.9	80	50
242	Sawmills and planing mills.....	17.6	.2	(S)	.1	20.2	8.4	16.4	22.6	25	8
2421	Sawmills and planing mills, general.....	13.5	.1	(S)	.1	19.1	8.0	16.1	20.8	30	8
2426	Hardwood dimension and flooring.....	4.1	.1	-	-	1.1	.5	.2	1.3	43	18
2429	Special product sawmills, n.e.c.....	-	-	-	-	-	-	.1	.5	(X)	(X)
243	Millwork, plywood, related products.....	52.6	.8	(S)	-	21.2	9.8	5.1	5.9	6	2
2431	Millwork.....	21.7	.3	(S)	-	2.7	1.3	.6	2.0	4	6
2432	Veneer and plywood.....	29.2	.4	-	-	17.8	8.1	3.9	2.9	11	3
2433	Prefabricated wood structures.....	(S)	(S)	-	-	(S)	(S)	(S)	(S)	(X)	(X)
244	Wooden containers.....	1.0	(Z)	-	-	.9	.5	.2	.8	18	10
2441	Nailed wooden boxes and shooks.....	.1	-	-	-	.5	.3	.1	.5	(X)	16
2442	Wirebound boxes and crates.....	-	-	-	-	.3	.1	-	.2	(X)	24
2443	Veneer and plywood containers.....	.5	(Z)	-	-	.1	(Z)	(Z)	(Z)	61	16
2445	Cooperage.....	.4	(Z)	-	-	.2	.1	-	.1	1	13
249	Miscellaneous wood products.....	110.4	1.8	-	-	26.9	12.8	2.5	4.2	1	2
2491	Wood preserving.....	9.3	.1	-	-	5.5	2.3	.1	1.4	9	9
2499	Wood products, n.e.c.....	101.1	1.7	-	-	21.4	10.5	2.4	2.8	1	2
25	Furniture and fixtures.....	225.1	3.2	(S)	.2	18.8	10.7	2.0	9.9	3	2
251	Household furniture.....	173.3	2.4	(S)	.1	8.0	4.5	1.6	6.6	4	5
2511	Wood household furniture.....	153.3	2.1	(S)	.1	4.2	2.4	.5	3.4	4	8
2512	Upholstered household furniture.....	11.2	.2	(S)	(Z)	1.4	.7	.3	1.6	4	9
2514	Metal household furniture.....	(S)	(S)	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2515	Mattresses and bedsprings.....	.2	(Z)	-	-	1.1	.6	.1	.9	1	9
2519	Household furniture, n.e.c.....	.2	(Z)	-	-	(Z)	(Z)	(Z)	.1	1	1
252	Office furniture.....	6.9	.1	(S)	(Z)	3.1	2.1	.1	.8	11	3
2521	Wood office furniture.....	6.3	.1	(S)	(Z)	.3	.2	(Z)	.1	13	6
2522	Metal office furniture.....	.6	(Z)	-	-	2.8	1.8	.1	.6	1	4
2531	Public building furniture.....	18.2	.3	-	-	1.5	.7	(Z)	.5	2	8
254	Partitions and fixtures.....	1.9	(Z)	-	-	4.5	2.5	.2	1.6	26	6
2541	Wood partitions and fixtures.....	1.9	(Z)	-	-	1.9	.9	.1	.9	26	17
2542	Metal partitions and fixtures.....	-	-	-	-	2.6	1.6	.2	.7	(X)	3
259	Miscellaneous furniture and fixtures.....	24.8	.4	-	-	1.7	1.0	(Z)	.5	5	10
2591	Venetian blinds and shades.....	21.3	.4	-	-	1.1	.5	(Z)	.2	1	4
2599	Furniture and fixtures, n.e.c.....	3.6	.1	-	-	.6	.3	(Z)	.3	37	29
26	Paper and allied products.....	9,439.0	107.8	(S)	1.7	477.0	184.8	24.9	15.2	1	1
2611	Pulpmills.....	157.1	2.0	-	-	36.2	14.5	3.1	-	1	1
2621	Papermills, except building paper.....	5,679.1	63.4	(S)	.5	195.2	73.0	7.1	1.9	1	1
2631	Paperboard mills.....	3,124.3	36.4	(S)	1.2	175.3	62.8	9.3	1.5	2	1
264	Miscellaneous converted paper products...	105.4	1.4	-	-	23.0	10.8	1.0	5.9	2	3
2641	Paper coating and glazing.....	52.2	.7	-	-	7.0	3.4	.4	3.0	1	4
2642	Envelopes.....	-	-	-	-	.9	.5	.1	.2	(X)	12
2643	Bags, except textile bags.....	13.5	.1	-	-	2.9	1.4	.2	1.3	4	2
2644	Wallpaper.....	-	-	-	-	.2	.1	.1	.2	(X)	16
2645	Die-cut paper and board.....	-	-	-	-	1.6	.6	(Z)	.7	(X)	3
2646	Pressed and molded pulp goods.....	20.4	.3	-	-	4.9	2.3	(Z)	.3	1	12
2647	Sanitary paper products.....	13.3	.2	-	-	3.4	1.6	.1	.1	1	8
2649	Converted paper products, n.e.c.....	6.1	.1	-	-	2.1	.9	.1	.3	64	5
265	Paperboard containers and boxes.....	129.4	1.7	(S)	(Z)	24.6	13.6	2.5	5.6	3	1
2651	Folding paperboard boxes.....	13.1	.3	-	-	2.4	1.4	.3	1.0	8	5
2652	Setup paperboard boxes.....	6.5	.1	-	-	.3	.2	.1	.1	97	38
2653	Corrugated and solid fiber boxes.....	18.0	.2	(S)	(Z)	16.5	9.2	1.8	3.3	1	2
2654	Sanitary food containers.....	27.3	.3	-	-	2.3	1.3	.3	.9	1	3
2655	Fiber cans, drums, related material.....	64.4	1.0	-	-	3.0	1.5	(Z)	.3	1	2
2661	Building paper and board mills.....	243.7	3.0	-	-	22.8	10.0	1.9	.3	7	3

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity	Cost	Quantity	Cost	Quantity	Cost		
				(1,000 barrels) Col. C	(million dollars) Col. D	(1,000 barrels) Col. E	(million dollars) Col. F	(1,000 barrels) Col. G	(million dollars) Col. H	B	D
27	Printing and publishing.....	21.0	46.0	1,323.6	5.7	907.5	4.0	416.1	1.7	3	4
2711	Newspapers.....	4.4	9.6	261.2	1.1	212.1	.9	49.1	.2	5	15
2721	Periodicals.....	.6	1.2	19.6	.1	5.9	(Z)	13.7	.1	12	8
273	Books.....	1.7	4.1	190.6	.7	51.6	.2	138.9	.5	4	8
2731	Book publishing.....	.7	1.5	66.5	.3	23.2	.1	43.3	.2	4	4
2732	Book printing.....	1.1	2.6	124.1	.5	28.4	.1	95.7	.3	7	12
2741	Miscellaneous publishing.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
275	Commercial printing.....	10.5	23.0	658.4	2.9	526.0	2.3	132.4	.5	3	6
2751	Commercial printing, except lithographic..	5.8	12.4	385.4	1.6	306.5	1.3	78.9	.3	4	7
2752	Commercial printing, lithographic.....	4.5	10.1	228.9	1.1	198.4	1.0	30.5	.1	4	7
2753	Engraving and plate printing.....	(S)	(S)	(S)	(S)	(S)	(S)	(\$)	(S)	(X)	(X)
2761	Manifold business forms.....	.8	1.9	56.8	.3	26.4	.1	30.4	.2	10	9
2771	Greeting card publishing.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
278	Blankbooks and bookbinding.....	.7	1.7	43.5	.2	28.7	.1	14.8	.1	6	3
2782	Blankbooks and looseleaf binders.....	.5	1.0	28.8	.1	14.0	.1	14.8	.1	7	3
2789	Bookbinding and related work.....	.3	.6	14.7	.1	14.7	.1	-	-	10	9
279	Printing trade services.....	.6	1.6	10.1	(Z)	6.0	(Z)	4.2	(Z)	12	10
2791	Typesetting.....	.3	.9	2.3	(Z)	1.4	(Z)	.9	(Z)	20	43
2793	Photoengraving.....	.2	.5	4.6	(Z)	4.6	(Z)	-	-	17	1
2794	Electrotyping and stereotyping.....	(S)	(S)	(S)	(S)	-	-	(S)	(S)	(X)	(X)
28	Chemicals and allied products.....	680.1	894.0	33,861.9	137.2	14,805.3	64.3	19,056.6	72.9	1	1
281	Industrial chemicals.....	469.7	576.9	15,829.3	66.9	7,420.0	32.9	8,409.3	34.0	1	1
2812	Alkalies and chlorine.....	40.9	57.3	697.3	2.3	291.5	1.1	405.7	1.2	1	1
2813	Industrial gases.....	12.6	12.9	105.9	.4	97.2	.4	8.6	(Z)	1	1
2815	Cyclic intermediates and crudes.....	37.0	60.6	4,748.1	21.0	3,148.8	14.0	1,599.3	7.0	1	1
2816	Inorganic pigments.....	14.5	24.9	2,008.0	8.7	278.1	1.3	1,730.0	7.4	1	3
2818	Industrial organic chemicals, n.e.c.....	231.8	269.1	4,358.0	18.1	2,254.2	10.0	2,103.8	8.0	1	1
2819	Industrial inorganic chemicals, n.e.c.....	132.8	152.1	3,912.0	16.4	1,350.2	6.0	2,561.8	10.4	2	3
282	Plastics materials and synthetics.....	118.7	173.8	9,784.2	36.0	3,638.8	14.8	6,145.4	21.1	1	1
2821	Plastics materials and resins.....	39.3	63.5	4,886.8	18.6	1,610.3	7.2	3,276.5	11.4	1	1
2822	Synthetic rubber.....	17.3	18.3	175.6	.8	162.1	.7	13.4	.1	1	1
2823	Cellulosic manmade fibers.....	23.5	34.1	303.8	1.2	136.9	.7	166.9	.5	1	1
2824	Organic fibers, noncellulosic.....	38.6	57.9	4,418.1	15.4	1,729.5	6.2	2,688.6	9.2	1	1
283	Drugs.....	16.7	30.1	3,607.4	14.2	1,378.5	6.1	2,228.9	8.1	1	1
2831	Biological products.....	.5	1.0	25.4	.1	22.5	.1	2.9	(Z)	1	1
2833	Medicinals and botanicals.....	7.0	10.6	1,994.4	6.4	782.6	3.0	1,211.7	3.5	1	1
2834	Pharmaceutical preparations.....	9.2	18.5	1,587.6	7.6	573.3	3.0	1,014.3	4.6	1	1
284	Soap, cleaners, and toilet goods.....	14.2	24.2	1,439.7	6.4	753.6	3.4	686.0	3.0	2	2
2841	Soap and other detergents.....	7.8	13.1	639.6	2.9	278.1	1.2	361.5	1.7	1	1
2842	Polishes and sanitation goods.....	1.6	2.4	93.2	.4	61.8	.3	31.4	.2	8	8
2843	Surface active agents.....	3.1	5.5	497.5	2.1	293.2	1.3	204.3	.8	9	6
2844	Toilet preparations.....	1.8	3.1	209.3	1.0	120.5	.6	88.8	.4	6	1
2851	Paints and allied products.....	5.2	9.3	315.8	1.3	169.9	.8	145.9	.6	4	10
2861	Gum and wood chemicals.....	2.7	5.3	414.0	1.7	140.5	.6	273.6	1.1	3	1
287	Agricultural chemicals.....	21.1	25.2	578.4	2.4	389.3	1.6	189.1	.8	1	4
2871	Fertilizers.....	15.9	17.9	341.8	1.4	235.3	1.0	106.5	.4	1	1
2872	Fertilizers, mixing only.....	1.7	2.7	121.1	.5	100.8	.4	20.4	.1	6	20
2879	Agricultural chemicals, n.e.c.....	3.5	4.6	115.4	.5	53.2	.3	62.2	.3	6	4
289	Miscellaneous chemical products.....	31.7	49.3	1,893.2	8.2	914.7	4.1	978.5	4.1	3	4
2891	Adhesives and gelatin.....	4.1	7.6	855.4	3.5	303.6	1.2	551.9	2.3	7	10
2892	Explosives.....	7.8	15.4	267.5	1.2	157.8	.8	109.7	.5	1	1
2893	Printing ink.....	1.1	1.8	151.7	.7	84.6	.4	67.1	.3	12	7
2895	Carbon black.....	5.8	4.6	-	-	-	-	-	-	1	(X)
2899	Chemical preparations, n.e.c.....	12.9	19.9	618.6	2.7	368.8	1.7	249.8	1.0	9	5
29	Petroleum and coal products.....	443.3	447.6	13,945.0	49.5	3,241.6	12.9	10,703.4	36.6	1	1
2911	Petroleum refining.....	422.3	412.4	11,415.9	37.9	1,574.2	4.7	9,841.7	33.1	1	1
295	Paving and roofing materials.....	17.4	30.2	2,304.2	10.7	1,530.9	7.5	773.3	3.2	4	6
2951	Paving mixtures and blocks.....	10.7	20.1	1,587.5	7.6	1,301.5	6.4	286.3	1.2	6	8
2952	Asphalt felts and coatings.....	6.6	10.1	716.4	3.1	229.4	1.1	487.0	2.0	2	4
299	Miscellaneous petroleum and coal products	3.6	5.0	224.9	.9	136.5	.6	88.4	.3	5	7
2992	Lubricating oils and greases.....	1.5	2.2	170.9	.7	88.5	.4	82.4	.3	11	10
2999	Petroleum and coal products, n.e.c.....	2.1	2.8	54.0	.3	48.0	.2	6.0	(Z)	2	1

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
27	Printing and publishing.....	17.6	.3	(S)	(Z)	38.3	19.6	4.3	16.0	5	3
2711	Newspapers.....	.8	(Z)	(S)	(Z)	8.4	3.7	1.8	2.9	97	11
2721	Periodicals.....	-	-	-	-	1.0	.4	(Z)	.6	(X)	20
273	Books.....	-	-	-	-	2.9	1.7	.6	1.0	(X)	6
2731	Book publishing.....	-	-	-	-	.9	.5	.1	.6	(X)	6
2732	Book printing.....	-	-	-	-	2.0	1.3	.5	.4	(X)	8
2741	Miscellaneous publishing.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
275	Commercial printing.....	16.5	.3	(S)	(Z)	20.3	11.0	1.4	7.5	1	4
2751	Commercial printing, except lithographic...	3.3	.1	-	-	12.7	6.9	1.0	2.9	1	6
2752	Commercial printing, lithographic.....	13.3	.2	(S)	(Z)	7.3	4.0	.4	4.3	2	4
2753	Engraving and plate printing.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
2761	Manifold business forms.....	-	-	-	-	1.4	.8	.1	.2	(X)	7
2771	Greeting card publishing.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
278	Blankbooks and bookbinding.....	.3	(Z)	-	-	1.2	.7	.1	.7	74	10
2782	Blankbooks and looseleaf binders.....	.3	(Z)	-	-	1.0	.6	(Z)	.3	74	11
2789	Bookbinding and related work.....	-	-	-	-	.3	.1	.1	.4	(X)	17
279	Printing trade services.....	-	-	-	-	.6	.3	.2	1.0	(X)	21
2791	Typesetting.....	-	-	-	-	.3	.2	.1	.6	(X)	36
2793	Photoengraving.....	-	-	-	-	.2	.1	(Z)	.3	(X)	27
2794	Electrotyping and stereotyping.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
28	Chemicals and allied products.....	18,323.6	190.7	155.7	4.3	1,427.5	448.2	79.6	34.1	1	1
281	Industrial chemicals.....	10,339.8	102.6	155.6	4.3	1,122.0	334.5	56.4	12.3	1	1
2812	Alkalies and chlorine.....	3,049.4	29.7	106.8	3.4	45.2	12.3	9.4	.2	1	1
2813	Industrial gases.....	89.2	.8	(S)	.1	36.0	10.2	.6	.7	1	1
2815	Cyclic intermediates and crudes.....	497.0	5.5	(S)	(Z)	69.4	25.0	6.1	3.0	1	1
2816	Inorganic pigments.....	334.3	3.2	(S)	.6	20.8	10.5	.1	1.9	1	1
2818	Industrial organic chemicals, n.e.c.....	5,036.6	47.8	(S)	.1	586.1	165.3	35.8	2.0	1	1
2819	Industrial inorganic chemicals, n.e.c.....	1,333.3	15.6	(S)	.1	364.5	111.2	4.2	4.6	1	3
282	Plastics materials and synthetics.....	6,349.7	69.8	-	-	153.9	54.0	10.0	4.1	1	1
2821	Plastics materials and resins.....	1,419.4	14.5	-	-	52.3	21.3	6.2	2.8	1	1
2822	Synthetic rubber.....	238.2	2.0	-	-	49.0	12.1	3.4	-	1	1
2823	Cellulosic manmade fibers.....	2,440.4	27.3	-	-	11.6	4.9	-	.7	1	1
2824	Organic fibers, noncellulosic.....	2,296.8	26.0	-	-	41.0	15.6	.3	.6	1	2
283	Drugs.....	362.6	3.6	-	-	17.0	9.1	.9	2.3	1	1
2831	Biological products.....	-	-	-	-	1.3	.7	.1	.1	(X)	2
2833	Medicinals and botanicals.....	174.3	1.4	-	-	1.9	1.2	(Z)	1.6	1	2
2834	Pharmaceutical preparations.....	188.3	2.2	-	-	13.8	7.3	.8	.7	1	2
284	Soap, cleaners, and toilet goods.....	190.2	2.2	-	-	20.6	10.0	1.5	4.0	1	1
2841	Soap and other detergents.....	175.0	2.0	-	-	14.0	6.7	.6	1.0	1	2
2842	Polishes and sanitation goods.....	.6	(Z)	-	-	2.1	1.0	.1	.8	1	9
2843	Surface active agents.....	2.9	(Z)	-	-	3.3	1.6	.6	1.2	1	3
2844	Toilet preparations.....	11.7	.2	-	-	1.2	.7	.2	1.0	1	2
2851	Paints and allied products.....	10.9	.2	-	-	6.2	3.7	1.4	2.7	1	6
2861	Gum and wood chemicals.....	-	-	-	-	5.2	2.0	1.4	.2	(X)	2
287	Agricultural chemicals.....	98.4	.9	-	-	56.0	18.5	1.1	2.3	1	1
2871	Fertilizers.....	37.6	.3	-	-	46.6	14.7	.6	.9	1	1
2872	Fertilizers, mixing only.....	-	-	-	-	3.2	1.4	.3	.5	(X)	4
2879	Agricultural chemicals, n.e.c.....	60.8	.6	-	-	6.2	2.4	.2	1.0	2	1
289	Miscellaneous chemical products.....	926.9	11.5	(S)	(Z)	46.7	16.4	6.9	6.3	2	10
2891	Adhesives and gelatin.....	3.0	.1	-	-	4.2	2.1	.6	1.3	1	15
2892	Explosives.....	547.0	6.8	-	-	7.0	2.7	4.5	.3	1	1
2893	Printing ink.....	-	-	(S)	(Z)	.9	.5	(Z)	.6	(X)	5
2895	Carbon black.....	-	-	-	-	18.7	4.1	.6	(Z)	(X)	1
2899	Chemical preparations, n.e.c.....	376.9	4.6	-	-	15.9	7.1	1.3	4.2	7	24
29	Petroleum and coal products.....	358.4	3.3	-	-	1,321.5	354.2	32.6	8.0	1	1
2911	Petroleum refining.....	344.6	3.2	-	-	1,291.1	340.3	29.0	2.1	1	1
295	Paving and roofing materials.....	6.6	.1	-	-	22.4	10.6	3.6	5.2	10	5
2951	Paving mixtures and blocks.....	-	-	-	-	10.3	5.5	3.1	3.9	(X)	9
2952	Asphalt felts and coatings.....	6.6	.1	-	-	12.1	5.1	.5	1.4	10	3
299	Miscellaneous petroleum and coal products	7.2	.1	-	-	7.9	3.2	(Z)	.7	28	6
2992	Lubricating oils and greases.....	2.8	(Z)	-	-	1.6	.9	(Z)	.6	1	22
2999	Petroleum and coal products, n.e.c.....	4.4	.1	-	-	6.3	2.4	(Z)	.1	40	■

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
30	Rubber and plastics products, n.e.c....	51.3	89.8	5,279.3	22.9	2,902.1	13.0	2,377.2	9.9	1	1
3011	Tires and inner tubes.....	19.6	29.6	1,769.2	7.3	1,220.9	5.1	548.3	2.2	1	1
3021	Rubber footwear.....	.8	1.8	195.0	.9	119.4	.5	75.7	.4	9	5
3031	Reclaimed rubber.....	.3	.6	12.0	(Z)	5.8	(Z)	6.2	(Z)	1	23
3069	Fabricated rubber products, n.e.c.....	13.1	24.9	1,925.4	8.4	682.7	3.3	1,242.7	5.1	2	3
3079	Miscellaneous plastics products.....	17.3	33.0	1,377.7	6.3	873.4	4.0	504.2	2.2	2	3
31	Leather and leather products.....	8.3	16.6	1,271.9	5.4	692.1	2.9	579.8	2.5	2	3
3111	Leather tanning and finishing.....	4.8	10.0	785.7	3.3	353.6	1.4	432.1	1.9	4	4
3121	Industrial leather belting.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
3131	Footwear cut stock.....	.4	.8	69.1	.3	50.9	.2	18.2	.1	14	40
314	Footwear, except rubber.....	2.1	4.0	291.2	1.2	194.1	.9	97.0	.4	2	3
3141	Shoes, except rubber.....	2.0	3.7	281.6	1.2	184.5	.8	97.0	.4	3	3
3142	House slippers.....	.1	.2	9.6	(Z)	9.6	(Z)	-	-	4	14
3151	Leather gloves and mittens.....	.2	.3	54.0	.2	53.5	.2	.5	(Z)	6	5
3161	Luggage.....	.2	.4	26.6	.1	16.8	.1	9.8	.1	10	23
317	Handbags, personal leather goods.....	.3	.6	24.7	.1	0.6	.1	15.1	.1	11	1
3171	Women's handbags and purses.....	.2	.3	7.1	(Z)	2.4	(Z)	4.6	(Z)	9	1
3172	Personal leather goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
3199	Leather goods, n.e.c.....	.2	.2	4.0	(Z)	4.0	(Z)	-	-	17	42
32	Stone, clay, and glass products.....	357.5	572.3	19,540.4	78.9	11,130.4	49.4	8,410.0	29.4	1	10
3211	Flat glass.....	16.4	25.7	59.7	.2	1.8	(Z)	58.0	.2	1	1
322	Glass, glassware, pressed or blown.....	56.7	99.7	1,806.7	8.4	1,207.1	5.6	599.6	2.8	1	1
3221	Glass containers.....	38.2	66.1	1,479.3	6.8	1,048.1	4.8	431.2	2.0	1	1
3229	Pressed and blown glass, n.e.c.....	18.5	33.6	327.4	1.6	159.0	.8	168.4	.8	1	1
3231	Products of purchased glass.....	3.5	6.6	84.1	.3	67.8	.3	16.3	.1	2	2
3241	Cement, hydraulic.....	125.9	163.7	6,808.3	22.2	2,176.7	7.9	4,631.6	14.3	1	1
325	Structural clay products.....	39.0	63.7	922.3	4.3	799.8	3.9	122.4	.4	5	30
3251	Brick and structural clay tile.....	22.5	35.7	539.6	2.7	539.6	2.7	-	-	9	50
3253	Ceramic wall and floor tile.....	1.7	3.4	25.1	.1	25.1	.1	-	-	8	9
3255	Clay refractories.....	7.6	13.4	175.1	.8	124.6	.6	50.4	.2	5	5
3259	Structural clay products, n.e.c.....	7.2	11.3	182.5	.8	110.5	.6	72.0	.2	10	1
326	Pottery and related products.....	7.0	12.6	168.1	.6	73.5	.4	94.6	.3	3	12
3261	Vitreous plumbing fixtures.....	2.4	3.8	51.1	.1	2.4	(Z)	48.8	.1	1	1
3262	Vitreous china food utensils.....	1.0	1.8	50.4	.2	10.8	.1	39.6	.1	11	30
3263	Fine earthenware food utensils.....	.8	1.6	16.6	.1	16.6	.1	-	-	12	71
3264	Porcelain electrical supplies.....	1.8	3.7	49.2	.2	43.0	.2	6.2	(Z)	4	7
3269	Pottery products, n.e.c.....	1.1	1.8	.7	(Z)	.7	(Z)	-	-	11	1
327	Concrete, gypsum, plaster products.....	72.4	133.9	6,897.3	30.5	5,534.4	25.3	1,362.8	5.2	7	27
3271	Concrete block and brick.....	3.7	8.5	651.1	2.8	567.7	2.4	83.4	.4	14	19
3272	Concrete products, n.e.c.....	7.6	14.7	746.6	3.4	601.3	2.8	145.3	.6	7	13
3273	Ready-mixed concrete.....	23.5	53.8	3,937.4	17.4	3,400.0	15.8	537.4	1.6	17	47
3274	Lime.....	26.4	38.6	688.8	2.8	483.3	2.0	205.5	.9	6	26
3275	Gypsum products.....	11.3	18.5	873.4	4.1	482.1	2.3	391.3	1.8	1	1
3281	Cut stone and stone products.....	1.1	2.1	88.9	.4	84.9	.4	4.0	(Z)	13	36
329	Miscellaneous nonmetallic mineral products	35.4	64.4	2,705.0	11.8	1,184.4	5.7	1,520.6	6.1	4	3
3291	Abrasive products.....	3.3	6.6	552.1	2.0	247.7	1.1	304.4	.9	3	1
3292	Asbestos products.....	3.1	6.3	498.5	2.4	227.7	1.1	270.8	1.2	1	1
3293	Gaskets and insulations.....	1.9	3.6	439.2	1.8	143.6	.6	295.6	1.2	3	4
3295	Minerals, ground or treated.....	8.9	15.1	539.9	2.5	181.9	.9	358.1	1.6	14	12
3296	Mineral wool.....	11.9	21.4	341.0	1.7	140.1	.8	200.9	.9	5	2
3297	Nonclay refractories.....	4.3	8.1	229.7	1.0	197.1	.9	32.6	.1	3	20
3299	Nonmetallic mineral products, n.e.c.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
33	Primary metal industries.....	595.4	1,151.4	36,935.1	157.6	15,968.4	70.6	20,966.7	87.0	1	1
331	Blast furnace, basic steel products.....	395.5	784.2	28,406.3	119.9	11,761.4	51.4	16,644.9	68.5	1	1
3312	Blast furnaces and steel mills.....	367.9	741.7	27,780.3	117.0	11,354.0	49.5	16,426.4	67.6	1	1
3313	Electrometallurgical products.....	16.3	19.2	111.7	.6	111.6	.6	.1	-	1	1
3315	Steel wire and related products.....	3.8	7.4	221.9	1.0	120.7	.6	101.2	.4	1	2
3316	Cold finishing of steel shapes.....	4.0	8.8	203.8	.8	113.4	.4	90.4	.4	1	2
3317	Steel pipe and tubes.....	3.5	7.1	85.6	.4	61.8	.3	26.8	.1	2	13
332	Iron and steel foundries.....	38.5	109.6	863.6	3.9	547.4	2.5	316.3	1.4	2	4
3321	Gray iron foundries.....	24.8	79.4	383.8	1.6	317.8	1.4	66.0	.3	2	10
3322	Malleable iron foundries.....	5.1	12.6	108.3	.5	56.4	.3	51.9	.2	3	14
3323	Steel foundries.....	8.5	17.6	371.5	1.7	173.2	.8	198.4	.9	1	4

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
30	Rubber and plastics products, n.e.c....	1,243.9	12.3	-	-	76.6	39.7	2.7	12.3	1	1
3011	Tires and inner tubes.....	824.3	7.4	-	-	28.9	12.7	.1	2.0	1	1
3021	Rubber footwear.....	1.0	(Z)	-	-	.7	.4	.3	.3	1	14
3031	Reclaimed rubber.....	17.3	.1	-	-	.5	.2	.2	(Z)	1	1
3069	Fabricated rubber products, n.e.c.....	324.7	3.7	-	-	19.6	10.4	.9	1.5	1	2
3079	Miscellaneous plastics products.....	76.6	1.0	-	-	27.0	16.1	1.2	8.4	1	2
31	Leather and leather products.....	115.6	1.3	(S)	(Z)	8.2	4.0	1.0	4.9	3	5
3111	Leather tanning and finishing.....	96.7	1.1	-	-	4.6	2.6	.7	2.2	4	■
3121	Industrial leather belting.....	(S)	(S)	-	-	(S)	(S)	(S)	(S)	(X)	(X)
3131	Footwear cut stock.....	1.1	(Z)	-	-	.2	.1	(Z)	.4	1	14
314	Footwear, except rubber.....	15.0	.2	(S)	(Z)	2.1	.8	.2	1.5	5	3
3141	Shoes, except rubber.....	13.6	.2	(S)	(Z)	2.0	.7	.2	1.4	1	3
3142	House slippers.....	1.3	(Z)	-	-	.1	(Z)	(Z)	.1	86	1
3151	Leather gloves and mittens.....	-	-	-	-	.1	(Z)	-	.1	(X)	24
3161	Luggage.....	1.4	(Z)	-	-	.5	.2	(Z)	.1	1	18
317	Handbags, personal leather goods.....	.8	(Z)	-	-	.3	.1	(Z)	.4	1	13
3171	Women's handbags and purses.....	.8	(Z)	-	-	.1	.1	(Z)	.2	1	31
3172	Personal leather goods.....	-	-	-	-	(S)	(S)	-	(S)	(X)	(X)
3199	Leather goods, n.e.c.....	-	-	-	-	.2	(Z)	(Z)	.2	(X)	39
32	Stone, clay, and glass products.....	9,708.7	104.7	307.1	6.4	703.9	312.2	30.1	39.9	2	1
3211	Flat glass.....	144.8	1.9	-	-	50.4	23.6	(Z)	(Z)	1	1
322	Glass, glassware, pressed or blown.....	3.8	(Z)	(S)	(Z)	171.3	87.0	2.6	1.6	1	1
3221	Glass containers.....	-	-	-	-	116.2	57.9	1.1	.3	(X)	1
3229	Pressed and blown glass, n.e.c.....	3.8	(Z)	(S)	(Z)	55.0	29.2	1.5	1.3	1	1
3231	Products of purchased glass.....	25.5	.2	-	-	7.7	4.2	(S)	(S)	4	3
3241	Cement, hydraulic.....	6,876.2	73.7	(S)	(S)	201.7	67.1	(S)	(S)	2	1
325	Structural clay products.....	248.5	2.5	(S)	.1	102.3	49.2	1.5	6.0	29	5
3251	Brick and structural clay tile.....	119.9	1.4	(S)	.1	57.3	26.0	1.1	4.4	39	10
3253	Ceramic wall and floor tile.....	-	-	-	-	4.4	2.8	(Z)	.5	(X)	9
3255	Clay refractories.....	3.2	(Z)	-	-	23.6	12.2	.2	.2	1	6
3259	Structural clay products, n.e.c.....	125.5	1.1	-	-	16.9	8.2	.2	1.0	46	10
326	Pottery and related products.....	28.4	.3	(S)	(Z)	15.5	8.8	.3	2.6	1	3
3261	Vitreous plumbing fixtures.....	7.9	.1	(S)	(Z)	5.4	2.6	(Z)	.8	1	2
3262	Vitreous china food utensils.....	10.2	.1	-	-	2.0	1.2	(Z)	.3	1	12
3263	Fine earthenware food utensils.....	2.0	(Z)	-	-	2.1	1.2	.2	.1	1	10
3264	Porcelain electrical supplies.....	8.2	.1	-	-	4.0	2.7	(Z)	.6	1	6
3269	Pottery products, n.e.c.....	-	-	-	-	1.9	1.1	(Z)	.7	(X)	17
327	Concrete, gypsum, plaster products.....	1,890.9	21.1	(S)	.2	85.6	37.0	21.5	23.6	4	5
3271	Concrete block and brick.....	9.9	.1	-	-	5.9	3.1	(S)	(S)	75	16
3272	Concrete products, n.e.c.....	6.4	.1	-	-	6.9	3.5	(S)	(S)	57	7
3273	Ready-mixed concrete.....	3.8	(Z)	-	-	5.3	2.4	(S)	(S)	40	16
3274	Lime.....	1,818.0	20.1	(S)	(S)	38.0	15.2	(S)	(S)	4	11
3275	Gypsum products.....	52.7	.7	(S)	(S)	29.6	12.7	(S)	(S)	1	1
3281	Cut stone and stone products.....	11.4	.1	(S)	(Z)	.4	.2	(S)	(S)	75	20
329	Miscellaneous nonmetallic mineral products	479.2	4.7	243.6	5.5	69.0	34.8	2.2	5.4	16	3
3291	Abrasive products.....	27.5	.3	(S)	.3	2.8	1.9	.4	1.6	1	2
3292	Asbestos products.....	29.8	.4	(S)	(Z)	5.2	2.8	.2	.5	1	1
3293	Gaskets and insulations.....	12.8	.2	(S)	(Z)	2.0	1.0	.1	.5	1	5
3295	Minerals, ground or treated.....	208.5	1.5	(S)	1.2	16.2	7.9	.7	1.2	51	14
3296	Mineral wool.....	61.6	.5	(S)	3.9	30.0	14.3	.4	.6	1	1
3297	Nonclay refractories.....	135.0	1.7	(S)	(Z)	8.0	4.8	(Z)	.6	1	2
3299	Nonmetallic mineral products, n.e.c.....	(S)	(S)	-	-	(S)	(S)	(S)	(S)	(X)	(X)
33	Primary metal industries.....	9,462.4	90.3	12,228.8	285.7	1,102.0	525.4	62.1	30.3	1	1
331	Blast furnace, basic steel products.....	7,094.4	63.5	10,284.4	217.1	661.5	333.4	44.1	6.2	1	1
3312	Blast furnaces and steel mills.....	5,085.0	48.0	10,240.4	215.7	632.8	316.1	41.2	3.7	1	1
3313	Electrometallurgical products.....	1,942.7	14.9	42.9	1.4	2.3	1.1	1.1	-	1	1
3315	Steel wire and related products.....	10.1	.1	1.0	(Z)	8.8	5.1	.3	.9	28	1
3316	Cold finishing of steel shapes.....	27.0	.3	-	-	8.3	5.8	.7	1.3	1	1
3317	Steel pipe and tubes.....	29.7	.3	-	-	9.3	5.4	.7	.3	1	2
332	Iron and steel foundries.....	365.6	4.8	1,383.1	53.1	59.5	35.0	5.3	7.5	3	1
3321	Gray iron foundries.....	151.4	1.9	1,250.1	48.3	32.7	19.1	3.9	4.6	6	2
3322	Malleable iron foundries.....	131.6	1.9	126.7	4.5	8.2	4.7	.3	.7	6	2
3323	Steel foundries.....	82.6	1.0	6.4	.3	18.6	11.3	1.1	2.2	1	1

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column--	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
33	Primary metal industries--Con.										
333	Primary nonferrous metals.....	81.3	100.1	2,628.6	11.9	909.2	4.1	1,719.4	7.7	1	1
3331	Primary copper.....	19.6	32.8	2,266.2	10.2	600.7	2.7	1,665.5	7.5	1	1
3332	Primary lead.....	3.9	11.0	27.1	.1	23.8	.1	3.3	(Z)	1	1
3333	Primary zinc.....	12.4	17.1	9.4	.1	9.4	.1	-	-	1	1
3334	Primary aluminum.....	41.9	35.0	166.6	.8	156.0	.7	10.6	.1	1	1
3339	Primary nonferrous metals, n.e.c.....	3.5	4.1	159.4	.7	119.4	.5	40.0	.2	1	1
3341	Secondary nonferrous metals.....	7.5	15.5	579.4	2.6	434.3	2.0	145.1	.6	3	5
335	Nonferrous rolling and drawing.....	37.0	71.3	2,338.5	10.1	1,227.4	5.6	1,111.1	4.5	1	1
3351	Copper rolling and drawing.....	7.6	16.5	1,067.6	4.4	313.3	1.3	754.3	3.0	1	1
3352	Aluminum rolling and drawing.....	21.1	37.3	401.0	1.9	364.3	1.7	36.7	.2	1	1
3356	Nonferrous rolling and drawing, n.e.c.....	3.2	6.4	93.2	.4	71.8	.3	21.4	.1	1	6
3357	Nonferrous wiredrawing, insulating.....	5.1	11.1	776.7	3.4	478.0	2.2	298.7	1.2	1	1
336	Nonferrous foundries.....	10.3	20.7	221.2	1.0	142.1	.8	79.0	.3	4	14
3361	Aluminum castings.....	6.4	12.4	90.2	.4	50.4	.2	39.8	.1	6	20
3362	Brass, bronze, and copper castings.....	1.8	.37	96.7	.5	61.9	.4	34.8	.2	8	22
3369	Nonferrous castings, n.e.c.....	2.1	4.6	34.3	.2	29.8	.2	4.5	(Z)	10	25
339	Miscellaneous primary metal products.....	25.3	50.1	1,897.5	8.1	946.5	4.3	951.0	3.8	3	4
3391	Iron and steel forgings.....	13.6	27.6	1,428.6	6.5	836.7	3.8	591.9	2.7	2	4
3392	Nonferrous forgings.....	2.8	4.5	101.0	.4	8.7	(Z)	92.3	.4	3	7
3399	Primary metal products, n.e.c.....	8.8	18.0	367.8	1.2	101.0	.4	266.8	.7	9	17
34	Fabricated metal products.....	82.8	178.2	4,854.6	21.8	2,960.7	14.2	1,893.9	7.6	1	6
3411	Metal cans.....	7.2	15.2	314.0	1.5	226.8	1.1	87.3	.4	1	1
342	Cutlery, handtools, and hardware.....	8.0	17.3	854.9	3.8	410.2	2.0	444.7	1.8	2	4
3421	Cutlery.....	.8	1.8	182.5	.7	109.5	.5	72.9	.2	4	5
3423	Hand and edge tools, n.e.c.....	2.5	5.3	236.6	1.1	91.7	.5	144.9	.6	4	2
3425	Handsaws and saw blades.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
3429	Hardware, n.e.c.....	4.4	9.5	421.1	1.9	204.9	1.0	216.2	1.0	3	7
343	Plumbing and heating except electric.....	5.2	11.4	247.9	1.2	143.9	.7	104.0	.4	2	8
3431	Metal sanitary ware.....	2.1	4.8	30.9	.2	24.2	.1	6.7	(Z)	1	8
3432	Plumbing fittings and brass goods.....	.8	1.6	31.1	.2	12.2	.1	19.0	.1	5	19
3433	Heating equipment, except electric.....	2.3	5.0	185.9	.8	107.5	.5	78.4	.3	5	10
344	Fabricated structural metal products.....	19.9	43.1	1,256.7	5.8	966.9	4.7	289.8	1.0	4	20
3441	Fabricated structural steel.....	4.1	9.7	209.0	1.0	185.2	.9	23.8	.1	8	10
3442	Metal doors, sash, and trim.....	2.6	5.7	107.3	.5	79.1	.3	28.3	.1	5	11
3443	Fabricated platework (boiler shops).....	6.3	13.0	408.8	1.9	311.1	1.4	97.8	.4	4	6
3444	Sheet metalwork.....	3.8	7.6	404.8	1.9	276.8	1.6	128.0	.4	15	60
3446	Architectural metalwork.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
3449	Miscellaneous metalwork.....	2.2	4.5	75.2	.4	71.7	.3	3.5	(Z)	5	10
345	Screw machine products, bolts, etc.....	5.4	11.9	475.7	2.0	206.2	1.0	269.5	1.0	3	11
3451	Screw machine products.....	1.2	2.5	149.7	.7	85.3	.5	64.4	.2	14	34
3452	Bolts, nuts, rivets, and washers.....	4.2	9.4	326.0	1.4	120.9	.6	205.1	.8	2	3
3461	Metal stampings.....	11.6	25.5	529.7	2.6	306.6	1.5	223.2	1.0	2	7
347	Metal services, n.e.c.....	8.8	20.0	272.2	1.1	194.9	.8	77.3	.4	10	36
3471	Plating and polishing.....	5.8	13.2	249.3	1.0	172.4	.7	76.9	.4	13	39
3479	Metal coating and allied services.....	2.9	6.8	23.0	.1	22.6	.1	.4	(Z)	12	42
3481	Miscellaneous fabricated wire products.....	2.5	5.0	207.4	.8	88.9	.4	118.5	.4	5	23
349	Miscellaneous fabricated metal products..	14.3	28.8	696.0	3.1	416.4	1.9	279.6	1.2	3	8
3491	Metal barrels, drums, and pails.....	1.4	3.1	78.6	.3	76.7	.3	1.9	(Z)	3	5
3492	Safes and vaults.....	.2	.4	1.7	(Z)	1.7	(Z)	-	-	10	1
3493	Steel springs.....	1.3	2.8	4.4	(Z)	4.4	(Z)	-	-	5	1
3494	Valves and pipe fittings.....	7.1	12.9	387.2	1.8	237.5	1.1	149.7	.7	4	13
3496	Collapsible tubes.....	.2	.4	9.5	(Z)	3.3	(Z)	6.2	(Z)	1	1
3497	Metal foil and leaf.....	.5	1.1	42.9	.2	20.7	.1	22.2	.1	14	10
3498	Fabricated pipe and fittings.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
3499	Fabricated metal products, n.e.c.....	2.7	5.6	142.1	.6	51.1	.2	91.0	.4	6	10
35	Machinery, except electrical.....	85.3	172.5	5,934.9	26.3	3,171.5	14.5	2,763.4	11.9	1	1
351	Engines and turbines.....	6.2	14.4	876.8	3.5	509.3	2.1	367.5	1.4	1	1
3511	Steam engines and turbines.....	2.1	6.0	406.7	1.6	99.7	.5	307.0	1.1	1	1
3519	Internal combustion engines, n.e.c.....	4.1	8.3	470.1	1.9	409.6	1.6	60.5	.3	1	1
3522	Farm machinery.....	9.8	18.6	299.7	1.3	194.8	.8	104.9	.4	2	5

See footnotes at end of table.

TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued

Code	Industry group and industry	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	K
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
33	Primary metal industries--Con.										
333	Primary nonferrous metals.....	1,452.5	15.6	483.5	13.8	199.0	54.7	2.6	1.5	1	1
3331	Primary coppers.....	182.2	2.3	38.4	1.9	43.6	16.7	1.1	.7	1	1
3332	Primary lead.....	71.3	1.0	232.9	7.2	4.4	1.9	.6	.2	1	1
3333	Primary zinc.....	592.7	6.0	208.1	4.5	20.2	6.3	.1	.1	1	1
3334	Primary aluminum.....	603.2	6.2	-	-	120.8	27.0	.6	.4	1	1
3339	Primary nonferrous metals, n.e.c.....	3.2	(Z)	4.2	.2	10.0	2.9	.3	.1	1	1
3341	Secondary nonferrous metals.....	.3	(Z)	(S)	1.3	14.0	7.7	1.4	2.5	28	3
335	Nonferrous rolling and drawing.....	225.9	2.7	(S)	.2	91.4	50.0	4.1	4.1	1	1
3351	Copper rolling and drawing.....	55.7	.6	(S)	(Z)	14.6	9.4	1.2	.9	1	1
3352	Aluminum rolling and drawing.....	120.2	1.5	(S)	(Z)	59.2	30.3	1.7	1.9	1	1
3356	Nonferrous rolling and drawing, n.e.c.....	23.9	.3	(S)	.2	8.1	4.5	.4	.5	1	1
3357	Nonferrous wiredrawing, insulating.....	26.2	.3	-	-	9.5	5.8	.8	.8	1	1
3361	Nonferrous foundries.....	11.0	.1	(S)	.2	22.3	13.9	1.0	4.5	1	5
3361	Aluminum castings.....	7.0	(Z)	-	-	15.0	9.2	.3	2.5	1	7
3362	Brass, bronze, and copper castings.....	3.8	(Z)	(S)	.2	2.8	1.8	.1	1.1	1	7
3369	Nonferrous castings, n.e.c.....	.1	(Z)	-	-	4.6	2.9	.6	.9	1	9
339	Miscellaneous primary metal products.....	312.6	3.5	(S)	.1	54.3	30.8	3.6	3.9	1	3
3391	Iron and steel forgings.....	260.8	3.1	(S)	(Z)	26.0	15.4	.9	1.7	1	2
3392	Nonferrous forgings.....	47.2	.4	-	-	7.2	3.3	.2	.1	1	2
3399	Primary metal products, n.e.c.....	4.6	(Z)	(S)	.1	21.2	12.1	2.6	2.0	1	9
34	Fabricated metal products.....	649.6	7.7	(S)	4.6	157.4	91.6	12.7	39.8	2	1
3411	Metal cans.....	4.1	.1	-	-	19.1	11.1	1.1	1.4	1	1
342	Cutlery, handtools, and hardware.....	136.3	1.5	(S)	.2	11.4	7.3	.2	4.3	1	3
3421	Cutlery.....	1.4	(Z)	-	-	.7	.5	(Z)	.5	54	2
3423	Hand and edge tools, n.e.c.....	15.5	.1	(S)	.1	4.5	2.7	(Z)	1.3	1	2
3425	Handsaws and saw blades.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
3429	Hardware, n.e.c.....	119.4	1.4	(S)	(Z)	5.8	3.9	.1	2.2	2	5
343	Plumbing and heating except electric.....	55.8	.9	(S)	2.3	10.1	5.7	.3	1.1	14	1
3431	Metal sanitary ware.....	40.6	.6	(S)	1.5	4.2	2.4	(Z)	.1	1	1
3432	Plumbing fittings and brass goods.....	1.9	(Z)	(S)	.1	1.7	1.0	.1	.3	13	4
3433	Heating equipment, except electric.....	13.3	.2	(S)	.7	4.2	2.3	.1	.7	57	3
344	Fabricated structural metal products.....	38.4	.4	(S)	.3	37.2	20.3	4.7	11.7	8	3
3441	Fabricated structural steel.....	12.0	.1	(S)	.1	6.4	3.7	1.7	3.1	13	3
3442	Metal doors, sash, and trim.....	2.1	(Z)	-	-	4.2	2.5	.2	2.4	55	2
3443	Fabricated platework (boiler shops).....	11.4	.1	(S)	.3	12.8	6.7	1.3	2.9	7	4
3444	Sheet metalwork.....	.3	(Z)	-	-	7.6	3.9	.2	1.6	1	14
3446	Architectural metalwork.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
3449	Miscellaneous metalwork.....	12.7	.1	-	-	5.0	2.8	.4	.9	21	1
345	Screw machine products, bolts, etc.....	22.1	.3	-	-	11.1	7.2	.2	2.2	1	4
3451	Screw machine products.....	4.3	(Z)	-	-	2.6	1.5	.1	.2	1	15
3452	Bolts, nuts, rivets, and washers.....	17.9	.2	-	-	8.5	5.6	.1	2.0	1	2
3461	Metal stampings.....	331.4	3.9	(S)	(Z)	18.5	11.6	2.8	4.6	1	3
347	Metal services, n.e.c.....	8.3	.1	-	-	13.3	8.5	1.5	8.8	53	11
3471	Plating and polishing.....	5.5	.1	-	-	8.5	5.1	1.3	5.8	51	15
3479	Metal coating and allied services.....	2.9	.1	-	-	4.8	3.3	.2	3.1	85	14
3481	Miscellaneous fabricated wire products.....	.9	(Z)	-	-	5.2	2.9	.3	1.0	1	10
349	Miscellaneous fabricated metal products..	52.1	.5	(S)	1.9	31.6	17.1	1.7	4.6	2	2
3491	Metal barrels, drums, and pails.....	.4	(Z)	-	-	3.4	2.1	.3	.4	83	4
3492	Safes and vaults.....	-	-	-	-	.6	.4	(Z)	(Z)	(X)	7
3493	Steel springs.....	-	-	-	-	3.2	2.1	(Z)	.7	(X)	3
3494	Valves and pipe fittings.....	37.3	.4	(S)	1.8	14.9	6.9	.4	1.7	1	2
3496	Collapsible tubes.....	-	-	-	-	.6	.3	(Z)	(Z)	(X)	1
3497	Metal foil and leaf.....	-	-	-	-	.9	.6	(Z)	.3	(X)	5
3498	Fabricated pipe and fittings.....	(S)	(S)	-	-	(S)	(S)	(S)	(S)	(X)	(X)
3499	Fabricated metal products, n.e.c.....	13.8	.1	(S)	.1	5.9	3.6	.2	1.0	6	6
35	Machinery, except electrical.....	1,214.9	12.7	(S)	6.7	149.2	83.3	12.4	31.0	1	1
351	Engines and turbines.....	102.6	1.3	(S)	.5	9.1	5.4	2.9	.7	1	1
3511	Steam engines and turbines.....	-	-	-	-	2.8	1.8	2.6	.1	(X)	1
3519	Internal combustion engines, n.e.c.....	102.6	1.3	(S)	.5	6.3	3.6	.4	.6	1	1
3522	Farm machinery.....	204.0	2.0	(S)	3.0	17.4	9.3	.9	2.2	1	2

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual		B	D
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H		
35	Machinery, except electrical--Con.										
353	Construction and related machinery.....	15.2	26.6	599.3	2.9	381.5	1.9	217.8	1.0	1	3
3531	Construction machinery.....	8.9	15.3	263.5	1.3	211.1	1.1	52.4	.2	1	7
3532	Mining machinery.....	1.2	2.1	59.2	.3	36.7	.2	22.5	.1	3	11
3533	Oilfield machinery.....	1.8	2.5	8.6	(Z)	8.6	(Z)	-	-	4	65
3534	Elevators and moving stairways.....	.5	1.2	83.5	.4	22.8	.1	60.7	.3	6	1
3535	Conveyors and conveying equipment.....	1.0	1.9	46.1	.2	39.9	.2	6.3	(Z)	7	11
3536	Hoists, cranes, and monorails.....	.7	1.3	29.1	.1	1.6	(Z)	27.6	.1	1	2
3537	Industrial trucks and tractors.....	1.1	2.3	109.2	.5	60.8	.3	48.4	.2	6	3
354	Metalworking machinery.....	11.5	24.8	990.4	4.1	602.0	2.6	388.4	1.5	3	6
3541	Machine tools, metal-cutting types.....	2.4	5.7	211.5	.9	132.0	.6	79.6	.3	1	3
3542	Machine tools, metal-forming types.....	1.1	2.1	90.4	.4	45.2	.2	45.3	.2	3	3
3544	Special dies, tools, jigs, fixtures.....	3.9	8.5	190.9	.8	124.2	.6	66.8	.2	9	18
3545	Machine tool accessories.....	1.7	3.4	172.2	.8	90.7	.4	81.5	.4	6	16
3548	Metalworking machinery, n.e.c.....	2.4	5.0	325.3	1.2	109.9	.8	115.3	.4	4	12
355	Special industry machinery.....	7.5	15.8	1,035.2	4.6	604.1	2.7	431.2	1.9	2	7
3551	Food products machinery.....	1.2	2.3	88.2	.4	55.7	.3	32.5	.2	7	9
3552	Textile machinery.....	1.5	3.6	400.9	1.7	273.4	1.1	127.5	.6	8	20
3553	Woodworking machinery.....	.5	.9	33.4	.1	21.5	.1	12.0	(Z)	8	37
3554	Paper industries machinery.....	.9	1.9	84.1	.4	52.0	.3	32.1	.1	4	9
3555	Printing trades machinery.....	.8	1.6	113.5	.5	44.6	.2	68.9	.3	4	3
3559	Special industry machinery, n.e.c.....	2.6	5.5	315.1	1.4	156.9	.8	158.2	.7	4	4
356	General industrial machinery.....	13.4	29.1	1,010.7	4.8	464.2	2.3	546.5	2.5	1	1
3561	Pumps and compressors.....	3.9	7.8	260.0	1.2	174.2	.8	85.8	.4	1	1
3562	Ball and roller bearings.....	3.5	8.6	312.1	1.5	74.3	.4	237.9	1.1	1	2
3564	Blowers and fans.....	1.1	2.2	134.6	.6	35.1	.2	99.5	.4	4	1
3565	Industrial patterns.....	(S)	(S)	(S)	(S)	(S)	(S)	-	-	(X)	(X)
3566	Power transmission equipment.....	2.7	5.9	160.9	.8	70.0	.3	90.9	.5	2	3
3567	Industrial furnaces and ovens.....	.3	.9	21.0	.1	10.4	(Z)	10.6	.1	17	11
3569	General industrial machinery, n.e.c.....	1.3	2.8	110.3	.5	88.5	.5	21.8	.1	10	13
357	Office and computing machines.....	4.6	8.8	391.5	1.8	124.0	.6	267.8	1.2	1	1
3572	Typewriters.....	.6	1.3	15.8	.1	2.8	(Z)	13.0	.1	1	1
3573	Electronic computing equipment.....	2.2	4.5	273.1	1.3	72.0	.4	201.1	.9	1	1
3574	Calculating and accounting machines.....	.9	1.2	26.4	.1	25.2	.1	1.1	(Z)	2	1
3576	Scales and balances.....	.2	.5	10.7	.1	.4	(Z)	10.3	.1	4	1
3579	Office machines, n.e.c.....	.6	1.3	65.8	.3	23.5	.1	42.3	.2	4	2
358	Service industry machines.....	9.6	18.8	457.0	2.2	113.8	.6	343.2	1.6	2	2
3581	Automatic merchandising machines.....	.5	.9	6.9	(Z)	6.9	(Z)	-	-	4	1
3582	Commercial laundry equipment.....	.3	.5	7.6	(Z)	2.5	(Z)	5.0	(Z)	4	25
3585	Refrigeration machinery.....	7.4	14.5	356.9	1.7	65.1	.3	291.8	1.4	1	3
3586	Measuring and dispensing pumps.....	.2	.4	6.6	(Z)	6.6	(Z)	-	-	1	1
3589	Service industry machines, n.e.c.....	1.2	2.5	78.9	.3	32.6	.2	46.3	.2	17	2
3599	Miscellaneous machinery, except electrical.	7.5	15.7	274.1	1.2	178.0	.8	96.1	.4	7	15
36	Electrical equipment and supplies.....	56.6	116.4	5,251.0	23.7	2,725.0	12.2	2,526.1	11.5	1	1
361	Electric test, distributing equipment....	4.7	10.0	727.5	3.3	212.2	1.0	515.3	2.3	1	1
3611	Electric measuring instruments.....	.9	1.8	88.6	.4	50.5	.2	38.1	.1	2	1
3612	Transformers.....	2.5	5.0	443.8	2.0	53.1	.3	390.7	1.7	2	1
3613	Switchgear and switchboard apparatus.....	1.3	3.3	195.2	.9	108.7	.5	86.5	.4	3	5
362	Electrical industrial apparatus.....	10.0	21.4	478.2	2.1	257.4	1.1	220.8	1.0	1	3
3621	Motors and generators.....	4.6	10.5	137.8	.6	75.9	.4	61.7	.2	1	1
3622	Industrial controls.....	1.1	2.4	112.3	.5	93.9	.4	18.4	.1	3	16
3623	Welding apparatus.....	.8	1.5	20.6	.1	15.4	.1	5.1	(Z)	4	14
3624	Carbon and graphite products.....	3.0	5.9	110.8	.5	22.9	.1	87.9	.4	1	1
3629	Electrical industrial apparatus, n.e.c.....	.6	1.2	96.7	.4	49.2	.2	47.5	.2	2	3
363	Household appliances.....	9.5	18.2	346.5	1.6	139.9	.7	206.7	.9	1	1
3631	Household cooking equipment.....	1.6	3.1	19.9	.1	1.8	(Z)	18.1	.1	4	1
3632	Household refrigerators and freezers.....	2.4	4.2	6.6	(Z)	5.7	(Z)	.8	(Z)	1	17
3633	Household laundry equipment.....	2.1	3.6	35.6	.1	35.6	.2	-	-	1	1
3634	Electric housewares and fans.....	1.7	3.5	128.7	.6	49.6	.2	79.1	.4	1	1
3635	Household vacuum cleaners.....	.4	.9	40.1	.1	5.8	(Z)	34.3	.1	1	1
3636	Sewing machines.....	.2	.5	71.7	.3	1.4	(Z)	70.3	.3	14	1
3639	Household appliances, n.e.c.....	1.2	2.4	44.0	.2	40.0	.2	4.0	(Z)	1	1
364	Electric lighting, and wiring equipment..	7.7	16.0	499.3	2.3	365.6	1.7	133.8	.6	2	3
3641	Electric lamps.....	1.6	3.6	93.6	.5	55.8	.3	37.9	.2	1	1
3642	Lighting fixtures.....	3.4	6.5	126.7	.5	88.5	.4	38.2	.2	2	12
3643	Current-carrying wiring devices.....	1.0	2.4	135.0	.6	108.9	.5	26.1	.1	16	6
3644	Noncurrent-carrying wiring devices.....	1.6	3.8	144.0	.7	112.4	.5	31.6	.2	2	3
365	Radio and TV receiving equipment.....	2.3	4.8	314.1	1.5	257.3	1.2	56.5	.3	3	8
3651	Radio and TV receiving sets.....	1.3	2.8	187.0	.9	167.2	.8	19.9	.1	2	3
3652	Phonograph records.....	1.0	2.0	127.0	.6	90.1	.4	36.9	.2	8	19

See footnotes at end of table.

TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued

Code	Industry group and industry	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
35	Machinery, except electrical--Con.										
353	Construction and related machinery.....	372.2	3.3	(S)	.8	30.3	15.0	1.2	3.3	1	1
3531	Construction machinery.....	341.5	2.9	(S)	.5	15.8	8.4	.7	1.5	1	1
3532	Mining machinery.....	14.1	.1	(S)	.2	2.6	1.3	.1	.1	3	3
3533	Oilfield machinery.....	-	-	(S)	.1	5.0	1.7	.2	.4	(X)	2
3534	Elevators and moving stairways.....	10.9	.2	-	-	.6	.4	(Z)	.2	1	4
3535	Conveyors and conveying equipment.....	5.0	.1	-	-	2.1	1.1	.1	.4	1	7
3536	Hoists, cranes, and monorails.....	-	-	-	-	1.7	.9	(Z)	.2	(X)	1
3537	Industrial trucks and tractors.....	.6	(Z)	(S)	.1	2.3	1.2	.1	.4	1	2
354	Metalworking machinery.....	79.7	1.0	(S)	.3	19.9	11.5	3.0	5.0	1	4
3541	Machine tools, metal-cutting types.....	25.8	.3	(S)	.2	4.0	2.3	1.1	.8	2	2
3542	Machine tools, metal-forming types.....	.6	(Z)	(S)	.1	1.9	1.0	.1	.5	1	2
3544	Special dies, tools, jigs, fixtures.....	24.3	.3	(S)	.1	6.2	3.4	1.4	2.5	3	12
3545	Machine tool accessories.....	.9	(Z)	-	-	2.4	1.3	.2	1.1	1	5
3548	Metalworking machinery, n.e.c.....	28.1	.3	(S)	(Z)	5.3	3.3	.2	(Z)	1	3
355	Special industry machinery.....	25.4	.3	(S)	.6	11.2	6.1	.6	3.6	16	4
3551	Food products machinery.....	6.5	.1	(S)	(Z)	2.5	1.1	.1	.5	1	16
3552	Textile machinery.....	.5	(Z)	(S)	.2	1.4	.9	.1	.7	1	11
3553	Woodworking machinery.....	1.0	(Z)	(S)	(Z)	.9	.5	(Z)	.3	37	13
3554	Paper industries machinery.....	-	-	(S)	.3	1.4	.7	(Z)	.5	(X)	11
3555	Printing trades machinery.....	10.3	.1	-	-	.9	.5	(Z)	.4	60	4
3559	Special industry machinery, n.e.c.....	7.3	.1	(S)	.1	4.1	2.3	.3	1.3	1	6
359	General industrial machinery.....	82.3	1.0	(S)	1.3	26.2	16.0	1.6	4.5	1	2
3561	Pumps and compressors.....	30.4	.3	(S)	.9	7.1	3.2	.2	1.4	1	1
3562	Ball and roller bearings.....	31.1	.4	-	-	7.2	5.1	.8	.8	1	1
3564	Blowers and fans.....	1.7	(Z)	-	-	2.6	1.5	(Z)	.1	80	5
3565	Industrial patterns.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
3566	Power transmission equipment.....	16.4	.3	(S)	.4	5.5	3.4	.2	.8	1	5
3567	Industrial furnaces and ovens.....	-	-	-	-	.8	.7	(Z)	.1	(X)	22
3569	General industrial machinery, etc.....	2.7	(Z)	-	-	2.0	1.1	.2	.9	1	6
357	Office and computing machines.....	90.7	.8	(S)	(Z)	8.6	5.0	.2	1.0	1	2
3572	Typewriters.....	-	-	-	-	1.9	1.2	(Z)	(Z)	(X)	1
3573	Electronic computing equipment.....	3.5	.1	-	-	4.6	2.6	(Z)	.5	1	4
3574	Calculating and accounting machines.....	69.3	.6	-	-	.8	.4	.1	(Z)	1	1
3576	Scales and balances.....	-	-	(S)	(Z)	.4	.2	(Z)	.2	(X)	3
3579	Office machines, n.e.c.....	18.0	.1	-	-	1.0	.7	(Z)	.2	1	7
358	Service industry machines.....	232.8	2.7	-	-	17.7	10.0	1.1	2.8	1	4
3581	Automatic merchandising machines.....	2.8	(Z)	-	-	.7	.4	(Z)	.4	1	4
3582	Commercial laundry equipment.....	(Z)	(Z)	-	-	.5	.2	(Z)	.3	1	6
3585	Refrigeration machinery.....	224.5	2.6	-	-	13.4	7.7	1.0	1.5	1	1
3586	Measuring and dispensing pumps.....	-	-	-	-	.3	.2	(Z)	.2	(X)	1
3589	Service industry machines, n.e.c.....	5.4	.1	-	-	2.8	1.5	.1	.4	1	27
3599	Miscellaneous machinery, except electrical	25.1	.3	(S)	.2	8.9	5.1	1.0	7.9	1	9
36	Electrical equipment and supplies.....	685.9	7.1	(S)	.8	107.6	60.8	9.5	14.6	1	1
361	Electric test, distributing equipment...	69.3	.6	(S)	(Z)	7.1	4.4	.4	1.3	1	1
3611	Electric measuring instruments.....	-	-	-	-	1.9	1.0	(Z)	.4	(X)	2
3612	Transformers.....	54.1	.5	-	-	3.0	1.8	.1	.6	1	2
3613	Switchgear and switchboard apparatus.....	15.2	.1	(S)	(Z)	2.2	1.6	.3	.3	1	2
362	Electrical industrial apparatus.....	87.8	.9	(S)	.2	22.2	12.7	3.2	2.3	1	1
3621	Motors and generators.....	72.8	.7	-	-	9.0	5.1	2.9	1.2	1	1
3622	Industrial controls.....	-	-	-	-	1.7	1.1	.1	.7	(X)	3
3623	Welding apparatus.....	7.8	.1	-	-	2.0	1.1	(Z)	.2	1	4
3624	Carbon and graphite products.....	6.6	.1	(S)	.2	8.5	4.9	.2	.1	1	1
3629	Electrical industrial apparatus, n.e.c.....	.2	(Z)	-	-	1.1	.5	(Z)	.2	1	3
363	Household appliances.....	213.6	2.1	(S)	.1	19.0	10.9	.9	2.6	1	1
3631	Household cooking equipment.....	25.8	.3	(S)	.1	2.8	1.7	.2	.8	1	3
3632	Household refrigerators and freezers.....	125.7	1.3	-	-	4.4	2.5	.3	(Z)	1	1
3633	Household laundry equipment.....	46.3	.4	-	-	5.4	2.9	.1	.2	1	1
3634	Electric housewares and fans.....	-	-	-	-	2.9	1.7	.2	1.0	(X)	1
3635	Household vacuum cleaners.....	-	-	-	-	1.0	.6	-	.1	(X)	1
3636	Sewing machines.....	-	-	-	-	.1	.1	-	.1	(X)	1
3639	Household appliances, n.e.c.....	15.9	.1	-	-	2.5	1.4	.2	.5	1	1
364	Electric lighting, and wiring equipment.	86.5	1.0	(S)	.5	12.2	7.4	.8	4.1	1	1
3641	Electric lamps.....	.8	-	-	-	4.1	2.5	.4	.2	1	1
3642	Lighting fixtures.....	63.5	.7	-	-	5.1	3.0	.1	2.2	1	2
3643	Current-carrying wiring devices.....	.5	(Z)	-	-	.9	.6	.2	1.0	1	7
3644	Noncurrent-carrying wiring devices.....	21.6	.3	(S)	.5	2.1	1.3	.2	.7	1	5
365	Radio and TV receiving equipment.....	12.9	.1	-	-	5.1	2.8	.1	.3	1	2
3651	Radio and TV receiving sets.....	12.9	.1	-	-	3.0	1.7	.1	.2	1	3
3652	Phonograph records.....	-	-	-	-	2.1	1.1	(Z)	.3	(X)	4

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column--		
				Total		Distillate		Residual				
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D	
36	Electrical equipment and supplies--Con.											
366	Communication equipment.....	8.6	17.0	1,072.2	5.2	464.0	2.3	608.2	2.9	1	1	
3661	Telephone and telegraph apparatus.....	4.0	7.0	213.0	1.1	72.5	.4	140.6	.7	1	2	
3662	Radio and TV communication equipment.....	4.5	10.0	859.2	4.1	391.5	1.9	467.7	2.2	1	1	
367	Electronic components, accessories.....	9.0	19.1	1,482.6	6.3	864.3	3.5	618.3	2.8	3	1	
3671	Electron tubes, receiving type.....	.3	.7	38.1	.2	6.7	(Z)	31.4	.2	1	1	
3672	Cathode ray picture tubes.....	1.3	2.8	137.3	.4	12.7	.1	124.6	.4	2	1	
3673	Electron tubes, transmitting.....	.3	.8	70.7	.4	22.7	.1	48.0	.3	4	10	
3674	Semiconductors.....	1.8	3.5	279.8	1.4	73.8	.4	206.0	1.0	1	1	
3679	Electronic components, n.e.c.....	5.3	11.3	956.7	3.9	748.4	3.0	208.3	1.0	6	2	
369	Miscellaneous electrical equipment, supplies.....	4.7	9.9	330.6	1.4	164.4	.7	166.2	.7	5	3	
3691	Storage batteries.....	1.8	4.0	149.0	.6	45.0	.2	104.0	.5	6	7	
3692	Primary batteries, dry and wet.....	.3	.7	54.6	.3	38.0	.2	16.6	.1	1	1	
3693	X-ray apparatus and tubes.....	.2	.4	10.8	(Z)	-	-	10.8	(Z)	2	1	
3694	Engine electrical equipment.....	2.3	4.5	64.1	.3	48.2	.2	15.9	(Z)	9	3	
37	Transportation equipment.....	86.4	178.3	6,760.7	29.3	3,257.2	15.0	3,503.5	14.3	1	1	
371	Motor vehicles and equipment.....	57.1	119.0	3,137.6	13.4	1,685.2	7.6	1,452.4	5.8	1	1	
3711	Motor vehicles.....	} 26.3	57.2	1,552.1	6.7	790.3	3.7	761.8	3.0	1	1	
3712	Passenger car bodies.....		1,552.1	6.7	790.3	3.7	761.8	3.0	1	1		
3713	Truck and bus bodies.....		2.3	3.9	224.9	.9	63.9	.3	161.0	.6	1	13
3714	Motor vehicle parts and accessories.....		27.8	56.5	1,338.8	5.7	820.4	3.6	518.4	2.1	1	1
3715	Truck trailers.....	.8	1.4	21.8	.1	10.6	(Z)	11.2	.1	6	4	
372	Aircraft and parts.....	17.5	34.5	2,094.7	9.0	774.6	3.5	1,320.1	5.5	1	1	
3721	Aircraft.....	6.4	12.5	455.4	2.3	94.9	.5	360.5	1.8	1	1	
3722	Aircraft engines and engine parts.....	6.1	12.9	1,189.9	4.6	505.2	2.2	684.7	2.4	1	1	
3729	Aircraft equipment, n.e.c.....	5.0	9.1	449.4	2.1	174.5	.8	274.9	1.2	2	1	
373	Ship and boat building, repairing.....	4.4	10.3	999.0	4.2	348.7	1.7	650.3	2.6	3	4	
3731	Ship building and repairing.....	3.4	8.0	906.6	3.8	270.9	1.3	635.7	2.5	3	3	
3732	Boat building and repairing.....	1.0	2.3	92.4	.4	77.8	.4	14.6	.1	9	23	
374	Railroad equipment.....	3.9	7.9	407.4	2.0	355.3	1.8	52.1	.2	1	1	
3741	Locomotives and parts.....	} 3.9	7.9	407.4	2.0	355.3	1.8	52.1	.2	1	1	
3742	Railroad and street cars.....		407.4	2.0	355.3	1.8	52.1	.2	1	1		
3751	Motorcycles, bicycles, and parts.....	.7	1.4	59.2	.3	37.3	.2	21.9	.1	7	1	
379	Miscellaneous transportation equipment...	2.8	5.3	62.8	.3	56.1	.3	6.7	(Z)	4	9	
3791	Trailer coaches.....	2.2	4.0	37.1	.2	36.6	.2	.5	(Z)	5	14	
3799	Transportation equipment, n.e.c.....	.7	1.3	25.8	.1	19.6	.1	6.2	(Z)	5	9	
38	Instruments and related products.....	16.5	33.9	1,771.6	8.2	608.0	2.8	1,163.5	5.4	1	2	
3811	Engineering, scientific instruments.....	1.5	3.0	254.8	.8	81.7	.3	173.0	.5	12	13	
382	Mechanical measuring, control devices....	2.2	4.8	300.0	1.4	135.4	.6	164.6	.8	2	7	
3821	Mechanical measuring devices.....	1.5	3.3	252.1	1.1	97.5	.4	154.6	.7	3	9	
3822	Automatic temperature controls.....	.7	1.5	47.9	.2	37.9	.2	10.0	(Z)	2	1	
3831	Optical instruments and lenses.....	.3	.6	31.2	.1	17.0	.1	14.2	.1	6	10	
384	Medical instruments and supplies.....	2.0	4.3	182.5	.8	120.0	.6	62.5	.3	2	9	
3841	Surgical and medical instruments.....	.7	1.3	52.2	.3	32.8	.2	19.4	.1	3	7	
3842	Surgical appliances and supplies.....	1.1	2.4	122.3	.5	86.5	.4	35.8	.1	3	14	
3843	Dental equipment and supplies.....	.2	.6	8.0	(Z)	.8	(Z)	7.2	(Z)	5	1	
3851	Ophthalmic goods.....	.7	1.9	129.3	.6	100.2	.5	29.1	.1	4	2	
3861	Photographic equipment and supplies.....	9.2	18.1	816.5	4.1	123.1	.5	693.3	3.6	1	1	
387	Watches, clocks, and watchcases.....	.7	1.2	57.4	.3	30.6	.1	26.8	.1	3	1	
3871	Watches and clocks.....	.6	1.1	49.4	.2	24.8	.1	24.6	.1	3	1	
3872	Watchcases.....	.1	.1	8.0	(Z)	5.8	(Z)	2.2	(Z)	4	3	
39	Miscellaneous manufacturing industries.	14.6	30.4	1,779.2	7.8	934.8	4.3	844.4	3.5	3	8	
391	Jewelry, silverware, plated ware.....	1.7	3.6	201.4	.9	92.7	.4	108.6	.4	9	8	
3911	Jewelry, precious metal.....	.5	1.0	62.4	.3	45.9	.2	16.5	.1	9	20	
3912	Jewelers, findings and materials.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)	
3913	Lapidary work.....	(S)	(S)	(S)	(S)	(S)	(S)	-	-	(X)	(X)	
3914	Silverware and plated ware.....	.8	1.8	109.7	.5	24.2	.1	85.6	.4	7	7	
3931	Musical instruments and parts.....	.6	1.2	31.8	.2	19.3	.1	12.5	.1	10	1	

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(billion cu. ft.)	(million dollars)	(million dollars)	(million dollars)		
		Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O	Col. P		
36	Electrical equipment and supplies--Con.										
366	Communication equipment.....	69.4	.8	(S)	(Z)	19.6	10.1	.8	.2	1	3
3661	Telephone and telegraph apparatus.....	55.2	.6	-	-	10.3	5.0	.1	.2	1	1
3662	Radio and TV communication equipment.....	14.2	.2	(S)	(Z)	9.4	5.0	.7	-	1	6
367	Electronic components, accessories.....	37.4	.4	-	-	13.7	7.5	1.8	3.2	1	4
3671	Electron tubes, receiving type.....	.4	(Z)	-	-	.6	.4	.1	(Z)	1	1
3672	Cathode ray picture tubes.....	6.8	.1	-	-	2.8	1.9	.3	.1	1	1
3673	Electron tubes, transmitting.....	-	-	-	-	.5	.3	.2	(Z)	(X)	1
3674	Semiconductors.....	-	-	-	-	3.4	1.4	.3	.4	(X)	1
3679	Electronic components, n.e.c.....	30.2	.3	-	-	6.4	3.6	.9	2.6	1	9
369	Miscellaneous electrical equipment, supplies.....	109.5	1.2	-	-	8.7	5.0	1.4	.8	1	1
3691	Storage batteries.....	2.0	(Z)	-	-	3.2	1.9	.6	.9	1	2
3692	Primary batteries, dry and wet.....	5.7	.1	-	-	.4	.3	(Z)	.1	1	1
3693	X-ray apparatus and tubes.....	-	-	-	-	.6	.3	(Z)	(Z)	(X)	2
3694	Engine electrical equipment.....	101.8	1.1	-	-	3.8	2.2	.6	.3	1	1
37	Transportation equipment.....	2,609.7	33.9	(S)	3.2	141.6	80.3	18.9	12.8	1	1
371	Motor vehicles and equipment.....	2,182.1	29.1	(S)	3.2	96.0	56.4	12.4	4.5	1	1
3711	Motor vehicles.....	1,060.2	14.0	(S)	.5	44.9	26.7	9.2	0.1	1	1
3712	Passenger car bodies.....		.5	(Z)	-	4.0	1.8	.1	1.1	35	17
3713	Truck and bus bodies.....	1,104.4	14.9	(S)	2.7	45.7	27.2	3.0	2.9	1	1
3714	Motor vehicle parts and accessories.....	17.1	.2	-	-	1.4	.8	.1	.4	1	4
3715	Truck trailers.....										
372	Aircraft and parts.....	226.1	2.4	-	-	31.8	16.3	3.7	3.1	1	1
3721	Aircraft.....	31.7	.3	-	-	15.0	6.5	2.8	.6	1	1
37221	Aircraft engines and engine parts.....	112.5	1.2	-	-	8.4	5.6	.6	.8	1	1
3729	Aircraft equipment, n.e.c.....	81.9	.9	-	-	8.4	4.2	.3	1.7	1	3
373	Ship and boat building, repairing.....	26.5	.4	(S)	(Z)	3.0	1.7	1.8	2.1	1	2
3731	Ship building and repairing.....	25.2	.4	(S)	(Z)	2.4	1.3	1.4	1.0	1	2
3732	Boat building and repairing.....	1.2	(Z)	-	-	.7	.4	.3	1.1	55	7
374	Railroad equipment.....	170.9	1.9	(S)	(Z)	5.2	3.1	.4	.4	1	2
3741	Locomotives and parts.....	170.9	1.9	(S)	(Z)	5.2	3.1	.4	.4	1	2
3742	Railroad and street cars.....										
3751	Motorcycles, bicycles, and parts.....	1.9	(Z)	-	-	1.2	.7	(Z)	.4	1	1
379	Miscellaneous transportation equipment...	2.2	(Z)	-	-	4.4	2.0	.6	2.3	22	7
3791	Trailer coaches.....	.3	(Z)	-	-	3.3	1.5	.5	1.8	1	9
3799	Transportation equipment, n.e.c.....	1.9	(Z)	-	-	1.2	.6	.2	.4	23	4
38	Instruments and related products.....	696.9	8.5	-	-	15.8	9.5	2.0	5.7	1	1
3811	Engineering, scientific instruments.....	2.4	(Z)	-	-	1.6	1.1	.1	1.0	13	14
382	Mechanical measuring, control devices....	-	-	-	-	3.9	2.2	.4	.8	(X)	2
3821	Mechanical measuring devices.....	-	-	-	-	2.5	1.3	.3	.5	(X)	3
3822	Automatic temperature controls.....	-	-	-	-	1.4	.9	.1	.3	(X)	1
3831	Optical instruments and lenses.....	.2	(Z)	-	-	.3	.1	-	.3	86	13
384	Medical instruments and supplies.....	.6	(Z)	-	-	3.7	2.1	.3	1.1	44	2
3841	Surgical and medical instruments.....	.6	(Z)	-	-	1.4	.8	(Z)	.2	44	4
3842	Surgical appliances and supplies.....	-	-	-	-	1.9	1.1	.1	.7	(X)	1
3843	Dental equipment and supplies.....	-	-	-	-	.4	.2	.2	.1	(X)	12
3851	Ophthalmic goods.....	-	-	-	-	.7	.6	.4	.3	(X)	2
3861	Photographic equipment and supplies.....	670.9	8.3	-	-	5.1	3.2	.7	1.8	1	2
387	Watches, clocks, and watchcases.....	22.8	.2	-	-	.5	.3	-	.4	1	1
3871	Watches and clocks.....	21.9	.2	-	-	.5	.3	-	.4	1	1
3872	Watchcases.....	.9	(Z)	-	-	(Z)	(Z)	-	(Z)	1	41
39	Miscellaneous manufacturing industries.	79.7	.9	(S)	.1	21.3	11.6	1.7	8.3	7	4
391	Jewelry, silverware, plated ware.....	22.7	.2	-	-	.9	.5	.4	1.6	1	6
3911	Jewelry, precious metal.....	-	-	-	-	.4	.1	(Z)	.6	(X)	16
3912	Jewelers' findings and materials.....	-	-	-	-	(S)	(S)	-	(S)	(X)	(X)
3913	Lapidary work.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
3914	Silverware and plated ware.....	22.7	.2	-	-	.4	.3	.3	.6	1	5
3931	Musical instruments and parts.....	8.5	.1	(S)	.1	1.3	.7	(Z)	.1	8	12

See footnotes at end of table.

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
39	Miscellaneous manufacturing industries--Continued										
394	Toys and sporting goods.....	3.0	6.3	320.9	1.5	132.6	.6	188.4	.9	2	2
3941	Games and toys.....	1.3	2.7	178.8	.8	85.9	.4	93.0	.4	4	1
3942	Dolls.....	.1	.2	9.1	(Z)	2.5	(Z)	6.6	(Z)	7	10
3943	Children's vehicles, except bicycles.....	.2	.4	20.5	.1	8.9	(Z)	11.6	(Z)	2	12
3949	Sporting and athletic goods, n.e.c.....	1.4	3.0	112.5	.5	35.3	.2	77.2	.4	4	6
395	Pens, pencils, office, art goods.....	1.1	2.4	91.0	.4	61.9	.3	29.1	.1	7	5
3951	Pens and mechanical pencils.....	.1	.3	13.7	.1	4.7	(Z)	9.1	.1	9	22
3952	Lead pencils and art goods.....	.4	.9	50.9	.2	37.0	.2	13.9	.1	13	1
3953	Marking devices.....	.3	.7	9.3	(Z)	8.2	(Z)	1.1	(Z)	17	44
3955	Carbon paper and inked ribbons.....	.3	.6	17.1	.1	12.0	.1	5.0	(Z)	12	1
396	Costume jewelry and notions.....	1.3	3.0	269.9	1.1	95.1	.5	174.8	.7	6	10
3961	Costume jewelry.....	.4	.9	55.8	.2	30.3	.1	25.6	.1	10	7
3962	Artificial flowers.....	.1	.2	9.6	.1	9.6	.1	-	-	16	31
3963	Buttons.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
3964	Needles, pins, and fasteners.....	.6	1.4	183.5	.7	45.1	.2	138.4	.5	8	15
399	Miscellaneous manufactures.....	6.9	13.9	864.3	3.8	533.2	2.4	331.0	1.4	6	16
3991	Brooms and brushes.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
3993	Signs and advertising displays.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
3994	Morticians' goods.....	1.5	2.9	36.4	.1	25.1	.1	11.3	(Z)	15	27
3996	Hard surface floor coverings.....	1.0	2.3	346.1	1.5	136.0	.6	210.2	.9	1	1
3999	Manufactures, n.e.c.....	2.0	4.1	226.7	1.0	152.4	.7	74.3	.3	8	16
19	Ordnance and accessories.....	10.0	18.7	1,428.3	6.4	775.1	3.6	653.2	2.8	1	1

Note: Detailed figures may not add to totals because of independent rounding. The totals shown for industry groups include data for all component industries whether or not separate figures are shown for the individual industries that comprise the totals.

- Represents zero. (X) Not applicable. (Z) For costs, represents less than \$50 thousand; for kilowatt-hour equivalents and quantity of natural gas, represents less than 50 million units; for quantity of fuel oil, coal, and coke, represents less than 50 units. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. Unpublished estimates in this table, including those which can be derived by subtraction, should be considered generally unreliable.

¹A description of the standard error of estimate is given in the text. The percentage standard errors shown for columns B, D, J, and N are the approximate relative standard errors of the estimates of level. Standard errors of estimates for the cost of coke for the 92 industries that reported this fuel are not shown in the tables, nor are the standard errors of estimates for "All other fuels" shown. The standard errors for "All other fuels" are generally higher, and may sometimes be considerably higher, than those for specified kinds of fuel for which standard errors of estimates are shown. The estimated standard error for the cost of coke consumed is nearly zero at the United States level; equal to zero for 60 of the 92 industries reporting this fuel; between 1 and 20

**TABLE 3. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Industry Group and Industry: 1971—Continued**

Code	Industry group and industry	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column--	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(billion cu. ft.)	(million dollars)				
		Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O	Col. P		
39	Miscellaneous manufacturing industries--Continued										
394	Toys and sporting goods.....	14.7	.1	-	-	5.9	3.5	.2	1.0	1	6
3941	Games and toys.....	7.9	.1	-	-	2.3	1.3	.1	.4	1	3
3942	Dolls.....	-	-	-	-	.1	.1	-	.1	(X)	5
3943	Children's vehicles, except bicycles.....	2.0	(Z)	-	-	.6	.3	(Z)	(Z)	1	2
3949	Sporting and athletic goods, n.e.c.....	4.8	.1	-	-	3.0	1.8	.1	.5	1	11
395	Pens, pencils, office, art goods.....	4.7	.1	-	-	1.0	.8	(Z)	1.1	13	11
3951	Pens and mechanical pencils.....	-	-	-	-	.3	.2	(Z)	.1	(X)	5
3952	Lead pencils and art goods.....	2.9	(Z)	-	-	.3	.3	-	.3	23	26
3953	Marking devices.....	.5	(Z)	-	-	.2	.1	(Z)	.5	1	20
3955	Carbon paper and inked ribbons.....	1.3	(Z)	-	-	.2	.1	(Z)	.3	1	20
396	Costume jewelry and notions.....	1.0	(Z)	-	-	1.0	.6	.2	1.0	1	3
3961	Costume jewelry.....	-	-	-	-	.3	.2	.1	.4	(X)	13
3962	Artificial flowers.....	.8	(Z)	-	-	(Z)	(Z)	(Z)	.1	1	1
3963	Buttons.....	-	-	-	-	(S)	(S)	(S)	(S)	(X)	(X)
3964	Needles, pins, and fasteners.....	.2	(Z)	-	-	.6	.4	.1	.2	1	1
399	Miscellaneous manufactures.....	28.2	.4	-	-	11.1	5.5	.8	3.4	17	9
3991	Brooms and brushes.....	(S)	(S)	-	-	(S)	(S)	(S)	(S)	(X)	(X)
3993	Signs and advertising displays.....	(S)	(S)	-	-	(S)	(S)	(S)	(S)	(X)	(X)
3994	Morticians' goods.....	7.9	.1	-	-	3.0	1.5	.1	1.0	60	4
3996	Hard surface floor coverings.....	4.9	.1	-	-	.9	.7	.1	(Z)	1	1
3999	Manufactures, n.e.c.....	14.9	.2	-	-	1.9	1.0	.1	1.8	1	8
19	Ordnance and accessories.....	55.4	.7	-	-	19.0	8.0	1.5	2.1	1	1

percent for 15 of the industries; and greater than 20 percent for the remaining 17 industries. The estimated standard errors for the 10 most important coke-consuming industries, which collectively account for 93 percent of the total cost of coke consumed, are as follows:

Industry	Standard error of estimate (percent)	Industry	Standard error of estimate (percent)
2063	1	3322	6
2812	1	3332	1
3296	24	3333	1
3312	1	3522	1
3321	3	3714	1

**TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971**

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual		B	D
				Quantity	Cost	Quantity	Cost	Quantity	Cost		
				(1,000 barrels) Col. C	(million dollars) Col. D	(1,000 barrels) Col. E	(million dollars) Col. F	(1,000 barrels) Col. G	(million dollars) Col. H		
	United States, total.....	3,297.9	5,360.6	245,667.2	989.3	104,940.8	453.4	140,726.4	535.9	1	1
	Maine, total.....	22.4	44.2	10,737.6	36.2	1,546.8	6.0	9,190.8	30.2	1	1
20	Food and kindred products.....	1.5	3.6	450.4	1.7	310.7	1.2	139.7	0.5	7	7
22	Textile mill products.....	1.0	2.2	312.9	1.1	4.7	(Z)	308.3	1.0	9	11
23	Apparel, other textile products.....	(Z)	.1	4.1	(Z)	1.3	(Z)	2.8	(Z)	14	7
26	Paper and allied products.....	16.0	29.0	8,629.8	28.2	788.9	2.8	7,840.9	25.4	1	1
27	Printing and publishing.....	(Z)	.1	7.5	(Z)	4.0	(Z)	3.4	(Z)	20	19
28	Chemicals and allied products.....	.5	.6	176.9	.5	2.1	(Z)	174.8	.4	2	1
30	Rubber and plastics products, n.e.c.....	.3	.6	147.9	.6	8.3	(Z)	139.6	.5	5	6
31	Leather and leather products.....	.5	1.2	176.7	.8	33.9	.2	142.8	.6	1	2
32	Stone, clay, and glass products.....	.9	1.6	330.0	1.2	30.0	.1	300.0	1.0	6	7
33	Primary metal industries.....	.1	.2	15.7	.1	4.3	(Z)	11.4	(Z)	1	1
35	Machinery, except electrical.....	.1	.3	29.3	.1	15.3	.1	14.1	(Z)	16	20
37	Transportation equipment.....	.2	.4	77.6	.3	17.1	.1	60.6	.2	7	9
	New Hampshire, total.....	8.3	18.6	3,255.9	13.0	635.1	2.7	2,620.8	10.2	3	3
20	Food and kindred products.....	.4	.9	172.6	.7	30.3	.1	142.3	.6	17	6
22	Textile mill products.....	.6	1.5	320.7	1.3	141.1	.6	179.6	.7	17	18
26	Paper and allied products.....	4.3	9.3	2,050.0	7.9	70.5	.3	1,979.5	7.6	3	3
27	Printing and publishing.....	.1	.3	20.4	.1	5.4	(Z)	15.0	.1	14	2
28	Chemicals and allied products.....	.1	.3	48.6	.2	27.5	.1	21.1	.1	15	21
30	Rubber and plastics products, n.e.c.....	.4	.6	38.2	.2	11.1	.1	27.2	.1	3	1
31	Leather and leather products.....	.4	.8	172.6	.7	42.5	.2	130.0	.5	11	14
32	Stone, clay, and glass products.....	.6	1.1	92.7	.4	40.7	.2	51.9	.2	18	4
33	Primary metal industries.....	.3	.5	36.4	.2	36.4	.2	-	-	8	1
34	Fabricated metal products.....	.1	.2	27.7	.1	20.9	.1	6.8	(Z)	17	27
35	Machinery, except electrical.....	.2	.6	80.3	.3	40.3	.2	40.0	.2	11	11
36	Electrical equipment and supplies.....	.3	.8	110.6	.5	103.8	.5	6.8	(Z)	1	1
38	Instruments and related products.....	(Z)	.1	7.9	(Z)	7.9	(Z)	-	-	7	1
39	Miscellaneous manufacturing industries.....	(Z)	.1	10.7	(Z)	6.7	(Z)	4.0	(Z)	14	21
	Vermont, total.....	2.6	5.4	631.0	2.8	211.2	1.1	419.8	1.7	6	4
25	Furniture and fixtures.....	.1	.1	7.3	(Z)	7.3	(Z)	-	-	11	1
28	Chemicals and allied products.....	.4	.4	19.1	.1	19.1	.1	-	-	7	41
31	Leather and leather products.....	(Z)	.1	.8	(Z)	.8	(Z)	-	-	8	57
35	Machinery, except electrical.....	.2	.5	47.1	.2	36.2	.2	10.9	(Z)	19	38
	Massachusetts, total.....	42.1	97.3	11,926.5	52.4	4,556.1	20.9	7,370.4	31.4	2	3
20	Food and kindred products.....	4.3	9.6	1,164.0	5.1	355.3	1.8	808.8	3.4	8	9
22	Textile mill products.....	3.8	8.6	1,047.3	4.6	383.2	1.8	664.1	2.8	6	5
23	Apparel, other textile products.....	.3	.9	30.9	.2	24.0	.1	6.9	(Z)	19	17
24	Lumber and wood products.....	.3	.9	92.7	.4	61.4	.3	31.3	.1	17	36
25	Furniture and fixtures.....	.5	1.0	99.4	.4	24.9	.1	74.5	.3	13	10
26	Paper and allied products.....	6.8	15.7	2,545.2	11.1	896.2	3.8	1,648.9	7.3	4	5
27	Printing and publishing.....	1.1	2.6	128.8	.5	41.9	.2	87.0	.3	7	12
28	Chemicals and allied products.....	4.1	8.6	1,103.5	4.7	374.4	1.6	729.2	3.1	2	5
30	Rubber and plastics products, n.e.c.....	2.6	5.9	669.8	3.1	212.2	1.0	457.6	2.1	3	4
31	Leather and leather products.....	1.3	2.9	329.0	1.4	135.7	.5	193.3	.8	6	10
32	Stone, clay, and glass products.....	2.5	5.3	880.0	3.4	392.6	1.7	487.4	1.7	13	21
33	Primary metal industries.....	2.6	6.9	553.8	2.6	285.7	1.4	268.1	1.2	7	3
34	Fabricated metal products.....	2.7	7.1	765.2	3.7	573.3	3.0	191.9	.8	17	32
35	Machinery, except electrical.....	2.3	5.2	637.3	2.8	287.0	1.3	350.3	1.5	7	3
36	Electrical equipment and supplies.....	2.7	6.5	896.8	4.0	152.1	.7	744.7	3.3	4	2
37	Transportation equipment.....	1.0	2.7	271.0	1.2	21.6	.1	249.4	1.1	4	1
38	Instruments and related products.....	1.0	2.4	212.5	1.0	130.6	.6	81.9	.4	4	6
39	Miscellaneous manufacturing industries.....	1.2	3.1	364.1	1.7	161.8	.8	202.4	.9	6	4
	Rhode island, total.....	8.6	18.0	2,042.4	8.1	725.4	3.2	1,317.0	4.9	3	3
22	Textile mill products.....	2.1	4.3	527.6	2.2	156.7	.7	371.0	1.5	6	8
23	Apparel, other textile products.....	(Z)	.1	5.1	(Z)	5.1	(Z)	-	-	16	50
24	Lumber and wood products.....	(Z)	.1	-	-	-	-	-	-	18	(X)
25	Furniture and fixtures.....	(Z)	(Z)	-	(Z)	.9	(Z)	-	-	14	84
26	Paper and allied products.....	.6	1.0	239.4	.8	12.2	(Z)	227.2	.7	8	5
27	Printing and publishing.....	.1	.3	24.5	.1	16.8	.1	7.8	(Z)	20	17
28	Chemicals and allied products.....	.6	1.0	134.5	.5	5.0	(Z)	129.4	.5	6	4
32	Stone, clay, and glass products.....	.9	2.0	193.8	.9	146.9	.7	46.9	.2	3	3
33	Primary metal industries.....	1.1	2.6	237.4	1.0	118.4	.5	119.1	.5	2	4
36	Electrical equipment and supplies.....	.2	.4	53.5	.2	44.8	.2	8.7	(Z)	9	13
38	Instruments and related products.....	.1	.2	32.7	.1	8.2	.1	24.5	.1	14	9
39	Miscellaneous manufacturing industries.....	.5	1.2	81.3	.4	34.4	.2	46.9	.2	7	10

See footnotes at end of table.

TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued

Code	State and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	R
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	United States, total.....	61,392.6	658.1	13,742.8	317.6	6,454.4	2,559.9	377.5	458.2	1	1
	Maine, total.....	20.0	0.4	-	-	1.0	1.0	2.5	4.1	25	10
20	Food and kindred products.....	3.9	.1	-	-	.6	.6	.6	.6	93	17
22	Textile mill products.....	-	-	-	-	(Z)	(Z)	.6	.5	(X)	1
23	Apparel, other textile products.....	-	-	-	-	-	-	-	.1	(X)	(X)
26	Paper and allied products.....	16.1	.3	-	-	(Z)	.1	.4	-	1	1
27	Printing and publishing.....	-	-	-	-	(Z)	(Z)	-	.1	(X)	1
28	Chemicals and allied products.....	-	-	-	-	-	-	-	.2	(X)	(X)
30	Rubber and plastics products, n.e.c.....	-	-	-	-	-	-	-	(Z)	(X)	(X)
31	Leather and leather products.....	-	-	-	-	.1	(Z)	-	.4	(X)	9
32	Stone, clay, and glass products.....	-	-	-	-	-	-	.1	.4	(X)	(X)
33	Primary metal industries.....	-	-	-	-	.1	.1	-	(Z)	(X)	1
35	Machinery, except electrical.....	-	-	-	-	(Z)	(Z)	.1	(Z)	(X)	15
37	Transportation equipment.....	-	-	-	-	(Z)	(Z)	-	.1	(X)	1
	New Hampshire, total.....	7.0	.2	-	-	1.6	1.4	1.1	2.9	82	1
20	Food and kindred products.....	-	-	-	-	.1	.1	.1	.1	(X)	20
22	Textile mill products.....	6.0	.2	-	-	.1	.1	-	-	93	1
26	Paper and allied products.....	-	-	-	-	.8	.7	.4	.3	(X)	1
27	Printing and publishing.....	-	-	-	-	.1	.1	(Z)	.1	(X)	5
28	Chemicals and allied products.....	-	-	-	-	.1	.1	-	(Z)	(X)	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	.1	(Z)	-	.4	(X)	1
31	Leather and leather products.....	-	-	-	-	-	-	(Z)	.1	(X)	(X)
32	Stone, clay, and glass products.....	-	-	-	-	.2	.1	.1	.5	(X)	1
33	Primary metal industries.....	-	-	-	-	-	-	(Z)	.4	(X)	(X)
34	Fabricated metal products.....	-	-	-	-	.1	(Z)	(Z)	.1	(X)	1
35	Machinery, except electrical.....	-	-	-	-	(Z)	(Z)	.1	.1	(X)	15
36	Electrical equipment and supplies.....	-	-	-	-	.1	.1	.1	.1	(X)	1
38	Instruments and related products.....	-	-	-	-	(Z)	(Z)	(Z)	(Z)	(X)	1
39	Miscellaneous manufacturing industries.....	.1	(Z)	-	-	-	-	(Z)	(Z)	1	(X)
	Vermont, total.....	13.5	.1	-	-	1.4	.8	.2	1.4	58	1
25	Furniture and fixtures.....	.1	(Z)	-	-	-	-	-	.1	1	(X)
28	Chemicals and allied products.....	-	-	-	-	-	-	(Z)	.4	(X)	(X)
31	Leather and leather products.....	.8	(Z)	-	-	-	-	-	.1	1	(X)
35	Machinery, except electrical.....	-	-	-	-	-	-	-	.3	(X)	(X)
	Massachusetts, total.....	33.4	.5	(S)	.6	24.7	18.2	6.3	19.5	14	2
20	Food and kindred products.....	-	-	-	-	2.9	1.8	.7	2.0	(X)	16
22	Textile mill products.....	.3	(Z)	-	-	1.1	.8	.8	2.3	1	9
23	Apparel, other textile products.....	-	-	-	-	.1	.1	.1	.6	(X)	43
24	Lumber and wood products.....	-	-	-	-	.1	.1	.3	.2	(X)	35
25	Furniture and fixtures.....	10.9	.1	-	-	.1	(Z)	(Z)	.4	63	16
26	Paper and allied products.....	10.9	.2	-	-	2.5	2.0	.7	1.7	1	1
27	Printing and publishing.....	-	-	-	-	1.0	.6	.2	1.4	(X)	14
28	Chemicals and allied products.....	-	-	-	-	2.8	1.6	1.2	1.2	(X)	6
30	Rubber and plastics products, n.e.c.....	.8	(Z)	-	-	.8	.6	.6	1.5	1	11
31	Leather and leather products.....	.3	(Z)	-	-	.2	.2	.3	1.0	1	24
32	Stone, clay, and glass products.....	-	-	-	-	1.0	.9	.2	.9	(X)	5
33	Primary metal industries.....	3.9	.1	(S)	.4	2.8	2.8	.1	1.0	1	5
34	Fabricated metal products.....	5.4	.1	(S)	.1	2.6	2.0	.2	1.0	57	3
35	Machinery, except electrical.....	.4	(Z)	(S)	.1	1.5	.9	.3	1.2	1	22
36	Electrical equipment and supplies.....	.5	(Z)	-	-	2.1	1.5	.3	.7	1	9
37	Transportation equipment.....	-	-	-	-	1.0	1.0	.2	.4	(X)	1
38	Instruments and related products.....	-	-	-	-	1.0	.6	.1	.7	(X)	3
39	Miscellaneous manufacturing industries.....	-	-	-	-	.8	.6	.2	.7	(X)	5
	Rhode Island, total.....	-	-	-	-	6.2	4.3	.8	4.8	(X)	6
22	Textile mill products.....	-	-	-	-	.8	.5	.3	1.3	(X)	24
23	Apparel, other textile products.....	-	-	-	-	(Z)	(Z)	-	.1	(X)	56
24	Lumber and wood products.....	-	-	-	-	(Z)	(Z)	-	(Z)	(X)	86
25	Furniture and fixtures.....	-	-	-	-	-	-	-	(Z)	(X)	(X)
26	Paper and allied products.....	-	-	-	-	.2	.1	(Z)	.1	(X)	22
27	Printing and publishing.....	-	-	-	-	.1	.1	(Z)	.1	(X)	33
28	Chemicals and allied products.....	-	-	-	-	.3	.2	(Z)	.3	(X)	29
32	Stone, clay, and glass products.....	-	-	-	-	1.8	1.0	-	.1	(X)	6
33	Primary metal industries.....	-	-	-	-	1.4	1.1	.3	.3	(X)	1
36	Electrical equipment and supplies.....	-	-	-	-	.1	.1	-	.1	(X)	1
38	Instruments and related products.....	-	-	-	-	.1	(Z)	(Z)	(Z)	(X)	33
39	Miscellaneous manufacturing industries.....	-	-	-	-	.3	.2	.1	.5	(X)	12

See footnotes at end of table.

**TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued**

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Connecticut, total.....	28.4	67.3	10,028.5	40.1	2,731.0	12.3	7,297.5	27.8	1	1
20	Food and kindred products.....	0.9	1.9	170.9	.7	58.6	.3	112.3	.4	13	20
22	Textile mill products.....	2.2	5.4	872.6	3.8	223.6	1.1	649.1	2.8	6	8
27	Printing and publishing.....	.3	.9	67.5	.3	37.7	.2	29.8	.1	11	20
28	Chemicals and allied products.....	4.0	6.7	1,632.3	5.3	120.7	.5	1,511.6	4.7	2	1
32	Stone, clay, and glass products.....	1.7	4.5	456.4	1.9	120.4	.5	336.0	1.4	14	12
33	Primary metal industries.....	5.1	12.6	1,233.6	5.0	338.0	1.5	895.6	3.5	2	2
34	Fabricated metal products.....	2.0	4.8	509.9	2.1	179.6	.8	330.3	1.3	4	10
35	Machinery, except electrical.....	2.1	5.5	570.5	2.6	277.9	1.3	292.7	1.3	2	2
36	Electrical equipment and supplies.....	.9	2.2	308.7	1.3	171.8	.7	136.8	.6	3	1
37	Transportation equipment.....	2.6	5.9	1,026.1	4.0	276.3	1.3	749.8	2.7	1	1
38	Instruments and related products.....	.6	1.2	273.4	.9	73.5	.3	200.0	.6	8	8
39	Miscellaneous manufacturing industries.....	1.7	4.2	729.5	3.0	176.5	.8	553.0	2.2	3	5
	New York, total.....	122.4	273.3	20,452.0	86.1	9,407.9	40.9	11,044.0	45.2	1	1
20	Food and kindred products.....	12.8	28.8	2,068.8	10.0	1,014.4	5.0	1,054.4	5.0	3	5
22	Textile mill products.....	2.8	5.7	737.0	2.9	290.0	1.3	447.0	1.7	5	6
23	Apparel, other textile products.....	2.2	6.7	135.3	.6	97.1	.5	38.2	.1	14	11
24	Lumber and wood products.....	.6	1.7	38.7	.2	32.3	.1	6.4	(Z)	15	22
25	Furniture and fixtures.....	1.1	2.5	130.6	.6	77.5	.4	53.1	.3	10	28
26	Paper and allied products.....	14.7	28.9	4,863.2	17.9	1,957.9	7.2	2,905.3	10.7	4	3
27	Printing and publishing.....	2.4	6.0	214.4	.9	133.4	.6	81.0	.3	5	10
28	Chemicals and allied products.....	16.9	32.1	2,441.7	10.5	1,050.3	4.7	1,391.5	5.7	1	3
29	Petroleum and coal products.....	1.1	2.1	196.7	1.0	172.6	.9	24.1	.1	14	15
30	Rubber and plastics products, n.e.c.....	2.9	5.9	340.4	1.4	177.3	.8	163.1	.5	4	10
31	Leather and leather products.....	.8	1.8	106.0	.4	94.2	.4	11.9	.1	11	8
32	Stone, clay, and glass products.....	13.0	25.2	2,277.2	7.8	1,069.1	4.3	1,208.1	3.5	4	5
33	Primary metal industries.....	18.0	49.4	2,433.5	11.2	1,037.5	4.7	1,396.0	6.5	1	1
34	Fabricated metal products.....	5.6	14.1	514.2	2.4	246.6	1.2	267.5	1.2	12	7
35	Machinery, except electrical.....	6.3	15.3	658.4	3.1	227.7	1.1	430.7	2.0	4	4
36	Electrical equipment and supplies.....	5.6	14.5	1,104.4	4.7	820.5	3.3	284.0	1.3	2	1
37	Transportation equipment.....	4.9	11.1	1,000.1	4.6	566.3	2.7	433.8	2.0	1	1
38	Instruments and related products.....	8.2	16.4	822.7	4.2	84.7	.4	738.0	3.8	1	1
39	Miscellaneous manufacturing industries.....	2.3	5.1	351.0	1.6	258.6	1.2	92.4	.4	12	37
	New Jersey, total.....	103.7	246.3	28,851.0	129.8	15,085.5	70.9	13,765.5	58.9	3	6
20	Food and kindred products.....	8.7	21.2	2,742.4	13.1	1,784.6	8.9	957.7	4.2	12	9
22	Textile mill products.....	3.5	8.1	677.3	2.7	247.3	1.1	430.0	1.5	12	9
23	Apparel, other textile products.....	.5	1.4	83.5	.4	73.6	.3	9.9	(Z)	14	10
24	Lumber and wood products.....	.2	.5	19.0	.1	12.9	(Z)	6.2	(Z)	13	26
26	Paper and allied products.....	9.5	22.6	4,018.5	18.9	1,587.5	6.9	2,431.0	12.0	1	1
27	Printing and publishing.....	.8	2.0	177.7	.8	148.5	.7	29.2	.1	13	16
28	Chemicals and allied products.....	31.3	78.5	8,720.1	40.3	5,412.6	24.8	3,307.4	15.5	1	1
29	Petroleum and coal products.....	9.2	14.2	3,238.8	10.0	579.1	2.4	2,659.7	7.6	2	1
30	Rubber and plastics products, n.e.c.....	2.3	5.2	547.7	2.7	317.9	1.6	229.8	1.1	4	8
31	Leather and leather products.....	.4	.8	126.7	.6	112.3	.5	14.4	.1	8	9
33	Primary metal industries.....	8.3	22.2	1,995.9	8.9	558.8	2.7	1,437.0	6.2	3	2
34	Fabricated metal products.....	4.2	9.9	645.4	2.7	375.3	1.8	270.1	.9	3	8
35	Machinery, except electrical.....	2.9	6.8	570.5	2.7	318.9	1.4	251.6	1.2	3	13
36	Electrical equipment and supplies.....	3.2	8.0	740.5	3.7	258.8	1.3	481.8	2.4	8	3
37	Transportation equipment.....	1.7	4.7	468.1	2.3	294.1	1.4	174.0	.8	2	4
38	Instruments and related products.....	.6	1.9	82.9	.4	37.5	.2	45.4	.2	7	3
39	Miscellaneous manufacturing industries.....	.8	2.0	165.0	.8	96.8	.5	68.3	.3	12	6
	Pennsylvania, total.....	259.6	492.0	26,665.4	113.4	11,084.0	48.3	15,581.4	65.1	1	1
20	Food and kindred products.....	12.4	26.3	2,046.2	8.9	1,170.1	5.3	876.1	3.7	6	14
22	Textile mill products.....	5.1	11.3	1,189.6	5.2	574.5	2.7	615.2	2.6	7	8
23	Apparel, other textile products.....	1.7	4.2	380.6	1.6	336.5	1.4	44.1	.2	5	7
25	Furniture and fixtures.....	1.1	2.5	136.8	.6	112.1	.5	24.6	.1	5	11
26	Paper and allied products.....	20.7	30.9	3,557.4	14.2	1,519.3	5.7	2,038.0	8.5	2	3
27	Printing and publishing.....	1.1	3.0	117.5	.5	88.8	.4	28.7	.1	7	14
28	Chemicals and allied products.....	20.3	35.5	2,975.7	11.6	657.5	3.0	2,318.2	8.6	1	3
29	Petroleum and coal products.....	12.7	24.7	2,557.9	10.2	377.8	1.7	2,180.1	8.5	1	3
30	Rubber and plastics products, n.e.c.....	3.6	7.1	687.7	2.9	533.7	2.3	154.0	.6	6	3
31	Leather and leather products.....	.8	1.4	81.0	.3	63.1	.3	17.9	.1	5	6
32	Stone, clay, and glass products.....	32.8	59.3	1,171.3	5.1	675.3	3.0	496.0	2.1	4	5
33	Primary metal industries.....	120.0	222.1	7,845.1	34.3	2,759.3	11.7	5,085.7	22.6	1	1
34	Fabricated metal products.....	7.6	18.1	806.0	3.7	500.0	2.4	306.0	1.4	2	7
35	Machinery, except electrical.....	6.0	13.9	1,072.8	4.5	557.2	2.5	515.6	2.0	2	3
36	Electrical equipment and supplies.....	4.9	10.7	614.9	2.8	331.5	1.5	283.4	1.3	1	2
37	Transportation equipment.....	4.3	9.0	604.0	2.9	319.1	1.5	284.9	1.4	2	3
38	Instruments and related products.....	.7	1.7	50.0	.3	18.6	.1	31.4	.1	8	8
39	Miscellaneous manufacturing industries.....	2.2	5.1	473.9	2.1	226.7	1.0	247.2	1.1	2	1

See footnotes at end of table.

TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued

Code	State and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N				
	Connecticut, total.....	5.3	0.1	(S)	0.2	14.9	13.6	4.7	8.6	1	1
20	Food and kindred products.....	-	-	-	-	.3	.4	(Z)	.7	(X)	2
22	Textile mill products.....	-	-	-	-	1.0	.9	.1	.6	(X)	2
27	Printing and publishing.....	-	-	-	-	(Z)	(Z)	-	.5	(X)	1
28	Chemicals and allied products.....	1.5	(Z)	-	-	.9	.7	(Z)	.8	1	1
32	Stone, clay, and glass products.....	-	-	-	-	1.0	1.1	.9	.6	(X)	2
33	Primary metal industries.....	-	-	(S)	.1	4.7	4.4	1.2	1.9	(X)	1
34	Fabricated metal products.....	-	-	-	-	1.5	1.2	.2	1.3	(X)	11
35	Machinery, except electrical.....	-	-	(S)	.1	2.1	2.0	.1	.8	(X)	2
36	Electrical equipment and supplies.....	-	-	-	-	.5	.3	.1	.4	(X)	4
37	Transportation equipment.....	(Z)	-	(S)	(Z)	1.4	1.3	.2	.5	(X)	2
38	Instruments and related products.....	-	-	-	-	.4	.3	-	-	(X)	8
39	Miscellaneous manufacturing industries.....	-	-	-	-	.4	.4	.7	.2	(X)	1
	New York, total.....	2,633.3	34.8	544.0	14.3	108.0	73.0	20.2	44.9	1	2
20	Food and kindred products.....	59.4	.9	-	-	14.7	9.3	2.2	6.4	2	5
22	Textile mill products.....	.1	(Z)	-	-	1.2	.7	.3	1.8	1	10
23	Apparel, other textile products.....	1.7	(Z)	-	-	.8	.4	1.9	3.8	75	41
24	Lumber and wood products.....	.7	(Z)	-	-	.6	.3	.1	1.1	90	12
25	Furniture and fixtures.....	1.2	(Z)	-	-	.8	.5	.1	1.2	1	25
26	Paper and allied products.....	290.8	4.1	-	-	4.5	3.2	.7	2.9	1	37
27	Printing and publishing.....	-	-	-	-	2.2	1.2	.7	3.1	(X)	14
28	Chemicals and allied products.....	918.5	12.1	-	-	9.0	6.0	.6	2.9	1	2
29	Petroleum and coal products.....	2.1	(Z)	-	-	.2	.1	.4	.5	1	44
30	Rubber and plastics products, n.e.c.....	49.8	.8	-	-	2.8	2.0	.3	1.5	1	4
31	Leather and leather products.....	8.3	.1	-	-	.4	.2	.2	.8	1	24
32	Stone, clay, and glass products.....	291.1	4.0	(S)	.1	11.9	7.4	1.8	4.0	1	3
33	Primary metal industries.....	110.5	1.5	484.4	13.3	26.1	19.2	3.1	1.1	1	1
34	Fabricated metal products.....	8.1	.1	(S)	.5	5.5	3.6	2.0	5.5	6	6
35	Machinery, except electrical.....	62.9	.8	(S)	.3	8.3	5.6	2.2	3.3	1	3
36	Electrical equipment and supplies.....	6.2	.1	(S)	.2	8.3	5.8	2.6	1.2	1	1
37	Transportation equipment.....	124.5	1.7	(S)	(Z)	5.9	4.0	.1	.7	1	3
38	Instruments and related products.....	671.2	8.3	-	-	3.2	2.3	.7	1.0	1	2
39	Miscellaneous manufacturing industries.....	26.1	.2	-	-	1.6	1.0	.3	2.0	1	6
	New Jersey, total.....	355.8	4.4	276.8	7.7	84.2	49.1	29.8	25.6	4	2
20	Food and kindred products.....	28.3	.3	(S)	(Z)	7.3	4.6	1.2	2.1	61	28
22	Textile mill products.....	1.8	(Z)	-	-	1.2	.7	2.2	2.5	53	14
23	Apparel, other textile products.....	-	-	-	-	.2	.1	.1	.8	(X)	19
24	Lumber and wood products.....	-	-	-	-	.3	.2	(Z)	.2	(X)	7
26	Paper and allied products.....	-	-	-	-	2.7	1.3	.5	1.8	(X)	1
27	Printing and publishing.....	-	-	-	-	1.4	.6	.6	(Z)	(X)	17
28	Chemicals and allied products.....	281.6	3.5	(S)	.6	15.6	8.2	20.1	5.8	1	1
29	Petroleum and coal products.....	-	-	-	-	7.1	3.1	.1	1.0	(X)	1
30	Rubber and plastics products, n.e.c.....	10.6	.2	-	-	3.1	1.9	(Z)	.4	15	2
31	Leather and leather products.....	-	-	-	-	.1	(Z)	.2	(X)	72	2
33	Primary metal industries.....	33.6	.4	227.2	6.6	5.6	3.9	.8	1.5	15	6
34	Fabricated metal products.....	-	-	(S)	.1	4.7	3.3	.4	3.4	(X)	4
35	Machinery, except electrical.....	-	-	(S)	(Z)	3.6	2.2	.3	1.5	(X)	2
36	Electrical equipment and supplies.....	-	-	(S)	(Z)	3.0	1.8	.8	1.7	(X)	4
37	Transportation equipment.....	-	-	(S)	(Z)	2.2	1.9	.2	.3	(X)	3
38	Instruments and related products.....	-	-	-	-	.5	.3	.8	.3	(X)	3
39	Miscellaneous manufacturing industries.....	-	-	-	-	.7	.4	.1	.6	(X)	4
	Pennsylvania, total.....	7,168.0	72.2	2,740.7	38.0	383.9	219.8	20.5	28.1	2	1
20	Food and kindred products.....	236.0	2.8	-	-	13.1	8.6	1.5	4.5	7	5
22	Textile mill products.....	42.5	.6	-	-	3.3	2.2	.8	2.5	5	10
23	Apparel, other textile products.....	8.0	.1	-	-	.6	.4	(Z)	2.1	37	12
25	Furniture and fixtures.....	24.3	.3	-	-	1.0	.8	.1	.7	19	2
26	Paper and allied products.....	938.9	9.0	-	-	19.3	5.9	.2	1.6	1	1
27	Printing and publishing.....	.8	(Z)	-	-	1.5	.9	.6	.9	91	10
28	Chemicals and allied products.....	1,219.1	11.5	(S)	.1	13.2	8.3	2.8	1.2	1	2
29	Petroleum and coal products.....	208.4	1.8	-	-	182.	11.2	.9	.7	1	2
30	Rubber and plastics products, n.e.c.....	54.6	.7	-	-	3.6	2.2	(Z)	1.3	1	7
31	Leather and leather products.....	28.9	.2	-	-	.9	.5	(Z)	.3	21	3
32	Stone, clay, and glass products.....	1,993.4	21.9	(S)	.7	47.6	29.7	1.2	.7	8	5
33	Primary metal industries.....	2,042.6	19.6	2,642.4	36.3	219.8	120.1	8.7	3.1	1	1
34	Fabricated metal products.....	40.7	.7	(S)	.5	13.8	9.4	.8	3.1	13	2
35	Machinery, except electrical.....	52.8	.6	(S)	.5	10.0	7.3	.3	.7	1	3
36	Electrical equipment and supplies.....	116.9	1.1	-	-	7.4	5.0	.7	1.1	1	2
37	Transportation equipment.....	140.8	1.2	(S)	(Z)	5.2	3.4	.6	.9	1	1
38	Instruments and related products.....	.7	(Z)	-	-	1.1	.9	(Z)	.5	47	2
39	Miscellaneous manufacturing industries.....	9.3	.1	-	-	3.0	2.0	.1	.8	47	1

See footnotes at end of table.

**TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued**

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity	Cost	Quantity	Cost	Quantity	Cost		
				(1,000 barrels) Col. C	(million dollars) Col. D	(1,000 barrels) Col. E	(million dollars) Col. F	(1,000 barrels) Col. G	(million dollars) Col. H	B	D
	Ohio, total.....	260.0	491.1	6,231.4	28.3	4,471.2	21.0	1,760.1	7.3	1	2
20	Food and kindred products.....	10.4	18.6	262.1	1.2	163.9	0.8	98.2	.3	3	7
22	Textile mill products.....	1.0	1.8	-	-	-	-	-	-	7	(X)
24	Lumber and wood products.....	.5	1.6	36.5	.2	31.1	.2	5.4	(Z)	12	47
25	Furniture and fixtures.....	.8	1.7	-	-	-	-	-	-	6	(X)
26	Paper and allied products.....	15.4	23.8	292.1	1.4	256.3	1.2	35.8	.2	1	1
27	Printing and publishing.....	1.7	3.7	8.6	(Z)	7.8	(Z)	.7	(Z)	6	49
28	Chemicals and allied products.....	30.8	50.0	715.6	3.1	399.1	1.9	316.5	1.2	1	10
29	Petroleum and coal products.....	8.7	14.2	314.3	1.3	145.5	.7	168.7	.6	4	22
30	Rubber and plastics products, n.e.c.....	12.5	19.4	311.0	1.1	239.7	.9	71.3	.2	1	5
31	Leather and leather products.....	.2	.4	19.3	.1	19.3	.1	-	-	4	8
32	Stone, clay, and glass products.....	35.1	60.5	479.5	2.1	329.2	1.6	150.3	.5	4	18
33	Primary metal industries.....	103.3	216.1	3,197.2	15.2	2,452.2	11.8	745.0	3.5	1	1
34	Fabricated metal products.....	10.1	20.1	94.6	.5	67.9	.3	26.8	.1	2	9
35	Machinery, except electrical.....	12.1	24.9	143.0	.6	116.9	.5	26.1	.1	2	7
36	Electrical equipment and supplies.....	5.9	11.9	60.1	.3	35.8	.2	24.3	.1	1	1
37	Transportation equipment.....	9.6	18.3	122.9	.6	51.4	.3	71.5	.3	1	8
38	Instruments and related products.....	.3	.6	2.0	(Z)	2.0	(Z)	-	-	6	1
39	Miscellaneous manufacturing industries.....	1.3	2.8	170.1	.7	150.7	.7	19.4	.1	8	7
	Indiana, total.....	126.4	228.8	9,458.7	38.2	4,054.4	18.1	5,404.3	20.1	1	1
20	Food and kindred products.....	8.8	14.4	244.9	1.1	129.2	.6	115.7	.4	2	6
23	Apparel, other textile products.....	.2	.4	1.3	(Z)	1.3	(Z)	-	-	2	56
25	Furniture and fixtures.....	1.0	1.9	38.8	.2	22.5	.1	16.3	.1	7	8
26	Paper and allied products.....	3.0	4.5	117.7	.5	106.7	.5	11.0	.1	1	1
27	Printing and publishing.....	.9	1.8	25.2	.1	21.8	.1	3.3	(Z)	13	9
28	Chemicals and allied products.....	10.1	15.8	230.9	1.1	122.5	.6	108.4	.5	1	1
29	Petroleum and coal products.....	7.9	20.1	2,009.5	7.6	62.7	.3	1,946.8	7.4	1	1
30	Rubber and plastics products, n.e.c.....	2.3	3.9	63.4	.3	56.9	.3	6.5	(Z)	4	6
32	Stone, clay, and glass products.....	15.0	22.7	266.0	1.3	212.4	1.0	53.6	.3	2	6
33	Primary metal industries.....	54.0	99.7	5,059.9	20.1	2,195.3	9.7	2,864.6	10.3	1	1
34	Fabricated metal products.....	3.8	7.3	146.7	.7	91.8	.4	54.9	.2	3	4
35	Machinery, except electrical.....	4.2	7.8	349.7	1.3	289.1	1.1	60.7	.2	1	1
36	Electrical equipment and supplies.....	5.6	10.1	118.9	.6	95.7	.4	23.2	.1	4	13
37	Transportation equipment.....	7.2	13.1	602.9	2.6	480.9	2.1	122.0	.5	1	1
38	Instruments and related products.....	.3	.6	13.7	.1	12.5	.1	1.2	(Z)	2	1
39	Miscellaneous manufacturing industries.....	1.2	2.3	113.5	.5	100.6	.5	12.9	(Z)	3	2
	Illinois, total.....	177.0	332.5	9,126.4	41.2	5,053.0	23.1	4,073.4	18.1	1	1
20	Food and kindred products.....	27.8	45.8	1,301.0	6.3	560.8	2.8	740.2	3.5	1	2
22	Textile mill products.....	.6	1.1	40.2	.2	11.6	.1	28.6	.1	8	16
25	Furniture and fixtures.....	1.2	2.6	97.7	.4	46.3	.2	51.3	.2	8	29
26	Paper and allied products.....	8.4	12.8	373.0	1.6	211.3	1.0	161.7	.6	1	1
27	Printing and publishing.....	3.0	6.3	219.0	1.0	188.7	.8	30.3	.1	3	4
28	Chemicals and allied products.....	21.2	32.7	1,047.4	4.7	567.1	2.5	480.2	2.2	1	1
29	Petroleum and coal products.....	6.6	9.9	374.5	1.5	95.8	.4	278.7	1.1	1	1
30	Rubber and plastics products, n.e.c.....	2.6	4.7	251.4	.9	70.8	.3	180.5	.6	3	5
31	Leather and leather products.....	.5	.9	61.0	.3	26.1	.1	34.8	.2	11	7
32	Stone, clay, and glass products.....	17.6	29.3	318.9	1.2	157.6	.7	161.3	.5	6	6
33	Primary metal industries.....	54.6	119.1	2,932.0	13.7	1,739.8	7.8	1,192.1	5.9	1	1
34	Fabricated metal products.....	9.4	20.3	464.5	2.0	282.8	1.3	181.7	.7	4	6
35	Machinery, except electrical.....	11.5	21.3	475.5	2.3	286.1	1.4	189.5	.9	1	4
36	Electrical equipment and supplies.....	5.7	11.8	424.4	1.8	194.5	.9	229.9	.9	1	3
37	Transportation equipment.....	2.6	5.8	312.9	1.5	251.0	1.3	61.9	.3	1	1
38	Instruments and related products.....	1.4	2.7	111.9	.5	92.8	.4	19.1	.1	3	26
39	Miscellaneous manufacturing industries.....	1.2	2.5	121.0	.5	98.0	.4	23.0	.1	13	8
	Michigan, total.....	149.3	300.4	4,520.2	18.4	1,945.8	7.9	2,574.4	10.5	1	2
20	Food and kindred products.....	8.2	15.8	373.8	1.6	221.7	.9	152.1	.7	3	3
22	Textile mill products.....	.1	.3	-	-	-	-	-	-	6	(X)
23	Apparel, other textile products.....	.4	.9	16.8	.1	10.5	(Z)	6.2	(Z)	2	1
24	Lumber and wood products.....	1.1	2.6	40.0	.2	40.0	.2	-	-	11	18
25	Furniture and fixtures.....	1.0	2.1	40.0	.1	16.1	.1	23.9	.1	5	3
26	Paper and allied products.....	15.9	28.1	700.6	3.1	215.2	1.0	485.4	2.1	1	1
27	Printing and publishing.....	1.0	2.0	16.1	.1	15.2	.1	.9	(Z)	10	35
28	Chemicals and allied products.....	23.8	43.3	636.9	2.8	84.2	.4	552.7	2.4	1	1
30	Rubber and plastics products, n.e.c.....	2.3	3.9	59.1	.3	27.1	.1	32.0	.1	2	1
31	Leather and leather products.....	.3	.4	-	-	-	-	-	-	9	(X)
32	Stone, clay, and glass products.....	16.5	28.7	218.3	1.0	108.0	.5	110.3	.5	1	12
33	Primary metal industries.....	32.3	71.7	858.8	3.0	715.1	2.4	143.8	.6	1	1
34	Fabricated metal products.....	7.1	16.8	168.5	.7	101.1	.5	67.4	.3	3	4
35	Machinery, except electrical.....	7.2	13.9	295.4	1.3	172.7	.8	122.7	.5	5	4
36	Electrical equipment and supplies.....	1.8	3.8	28.3	.1	25.2	.1	3.1	(Z)	3	18
37	Transportation equipment.....	25.9	58.1	520.7	2.2	160.6	.7	360.1	1.5	1	1
38	Instruments and related products.....	.3	.6	9.6	(Z)	6.6	(Z)	3.0	(Z)	5	37
39	Miscellaneous manufacturing industries.....	.5	1.0	7.6	(Z)	7.2	(Z)	.4	(Z)	4	1

See footnotes at end of table.

TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued

Code	State and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Ohio, total.....	10,551.6	102.4	3,639.5	85.2	397.6	222.0	28.5	24.7	1	1
20	Food and kindred products.....	318.1	3.6	(S)	0.2	16.0	8.5	1.2	4.0	2	6
22	Textile mill products.....	15.3	.2	-	-	1.4	.8	(Z)	.7	1	15
24	Lumber and wood products.....	.6	(Z)	-	-	.7	.4	.3	.7	53	10
25	Furniture and fixtures.....	3.6	(Z)	-	-	2.0	1.2	.1	.3	1	7
26	Paper and allied products.....	1,409.9	15.5	(S)	.8	10.1	5.2	.4	.6	1	1
27	Printing and publishing.....	13.0	.2	-	-	3.4	1.8	.5	1.1	2	3
28	Chemicals and allied products.....	2,265.5	22.4	91.7	3.1	28.7	15.3	3.8	2.3	1	2
29	Petroleum and coal products.....	35.2	.3	-	-	23.8	11.7	.4	.5	1	1
30	Rubber and plastics products, n.e.c.....	973.9	8.8	-	-	13.5	8.5	.5	.4	1	2
31	Leather and leather products.....	8.0	.1	(S)	(Z)	.3	.1	-	.1	1	13
32	Stone, clay, and glass products.....	1,452.8	16.0	(S)	.1	66.0	35.7	2.7	3.8	4	4
33	Primary metal industries.....	2,907.4	22.5	3,371.3	78.8	152.2	83.8	13.9	1.8	1	1
34	Fabricated metal products.....	262.3	2.5	(S)	.8	21.0	13.2	.7	2.5	1	3
35	Machinery, except electrical.....	312.8	3.6	(S)	.3	23.7	14.3	2.8	3.3	1	3
36	Electrical equipment and supplies.....	113.7	1.3	(S)	.5	13.2	8.0	.6	1.2	1	1
37	Transportation equipment.....	433.9	5.1	(S)	.5	18.3	11.3	.3	.6	1	2
38	Instruments and related products.....	-	-	-	-	.8	.4	-	.2	(X)	8
39	Miscellaneous manufacturing industries.....	25.6	.2	(S)	.1	2.1	1.4	.2	.2	1	15
	Indiana, total.....	2,988.4	28.6	393.1	11.7	239.9	118.8	18.4	13.0	1	1
20	Food and kindred products.....	242.5	2.3	-	-	18.6	9.5	.1	1.4	1	2
23	Apparel, other textile products.....	.2	(Z)	-	-	.4	.2	(Z)	.2	66	6
25	Furniture and fixtures.....	28.6	.3	-	-	1.2	.7	(Z)	.7	4	2
26	Paper and allied products.....	198.7	1.8	-	-	2.2	1.3	.1	.7	1	3
27	Printing and publishing.....	3.2	.1	-	-	2.0	.9	.2	.5	1	17
28	Chemicals and allied products.....	489.4	4.5	(S)	.1	18.4	9.4	.5	.2	1	1
29	Petroleum and coal products.....	-	-	-	-	8.6	4.2	8.1	.2	(X)	1
30	Rubber and plastics products, n.e.c.....	35.5	.3	-	-	4.6	2.6	(Z)	.7	1	1
32	Stone, clay, and glass products.....	573.8	5.6	(S)	.7	26.4	12.0	.6	2.7	1	1
33	Primary metal industries.....	654.4	6.1	323.6	9.7	117.9	57.2	5.4	1.3	1	1
34	Fabricated metal products.....	51.8	.6	(S)	.2	7.5	3.9	.2	1.7	21	2
35	Machinery, except electrical.....	92.6	1.0	(S)	.3	7.6	3.9	.3	.9	1	2
36	Electrical equipment and supplies.....	275.6	2.7	-	-	9.1	4.8	1.4	.6	1	1
37	Transportation equipment.....	314.8	3.0	(S)	.7	9.9	5.5	.5	1.0	1	1
38	Instruments and related products.....	-	-	-	-	.7	.4	(Z)	.1	(X)	3
39	Miscellaneous manufacturing industries.....	12.3	.2	-	-	3.0	1.5	.1	(Z)	1	3
	Illinois, total.....	3,722.4	35.8	2,019.2	48.9	314.0	163.1	10.6	32.9	1	1
20	Food and kindred products.....	1,193.2	11.2	-	-	42.1	21.4	1.6	5.3	1	1
22	Textile mill products.....	-	-	-	-	.5	.3	.1	.6	(X)	9
25	Furniture and fixtures.....	23.7	.4	-	-	2.3	1.4	(Z)	.3	3	9
26	Paper and allied products.....	397.6	3.5	-	-	10.0	5.3	.4	2.0	1	1
27	Printing and publishing.....	.2	(Z)	-	-	7.0	4.0	(Z)	1.3	1	4
28	Chemicals and allied products.....	800.6	7.1	(S)	.1	30.9	15.6	1.5	3.8	1	1
29	Petroleum and coal products.....	2.3	(Z)	-	-	17.9	7.9	.1	.4	1	1
30	Rubber and plastics products, n.e.c.....	17.3	.2	-	-	4.2	2.4	.1	1.1	1	3
31	Leather and leather products.....	.9	(Z)	-	-	1.0	.5	-	.1	1	10
32	Stone, clay, and glass products.....	634.2	6.5	(S)	.1	37.9	19.0	2.2	.3	1	8
33	Primary metal industries.....	62.3	.8	1,972.1	48.0	99.0	48.6	2.5	5.6	1	1
34	Fabricated metal products.....	69.2	1.0	(S)	.1	19.1	11.8	.6	4.8	2	5
35	Machinery, except electrical.....	354.7	3.1	(S)	.2	19.5	11.2	.8	3.7	1	2
36	Electrical equipment and supplies.....	40.0	.5	(S)	(Z)	14.0	8.4	.4	.7	1	3
37	Transportation equipment.....	84.6	1.2	(S)	.4	3.2	2.0	.1	.5	1	2
38	Instruments and related products.....	22.1	.2	-	-	2.2	1.3	(Z)	.7	2	8
39	Miscellaneous manufacturing industries.....	7.9	.1	-	-	1.8	1.0	.1	.8	1	10
	Michigan, total.....	6,031.0	78.4	197.8	5.2	231.3	127.7	45.4	25.1	1	1
20	Food and kindred products.....	117.9	1.8	(S)	.1	11.0	6.3	.9	5.1	1	4
22	Textile mill products.....	-	-	-	-	.4	.2	(Z)	(Z)	(X)	3
23	Apparel, other textile products.....	20.5	.4	-	-	.6	.4	(Z)	.1	1	5
24	Lumber and wood products.....	87.4	1.4	-	-	1.0	.6	.4	-	1	14
25	Furniture and fixtures.....	14.9	.3	-	-	2.0	1.2	.1	.4	5	8
26	Paper and allied products.....	673.8	9.1	(S)	(Z)	28.3	13.6	1.4	.9	1	1
27	Printing and publishing.....	-	-	-	-	2.5	1.2	.4	.3	(X)	24
28	Chemicals and allied products.....	1,536.4	16.4	(S)	.3	24.2	10.7	11.6	1.5	2	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	5.7	3.0	(Z)	.6	(X)	3
31	Leather and leather products.....	-	-	-	-	.7	.2	-	.2	(X)	2
32	Stone, clay, and glass products.....	1,342.1	16.7	(S)	.2	13.0	7.4	1.2	2.3	1	2
33	Primary metal industries.....	735.9	10.4	100.9	3.3	61.9	35.3	14.6	5.0	1	1
34	Fabricated metal products.....	133.9	1.9	(S)	.1	14.3	9.6	2.1	2.4	1	4
35	Machinery, except electrical.....	57.3	.7	(S)	.1	14.6	7.6	1.2	3.2	1	3
36	Electrical equipment and supplies.....	19.4	.4	-	-	4.1	2.6	(Z)	.7	1	2
37	Transportation equipment.....	1,282.9	18.9	(S)	1.2	39.5	23.9	10.5	1.5	1	1
38	Instruments and related products.....	.9	(Z)	-	-	.6	.3	(Z)	.2	1	5
39	Miscellaneous manufacturing industries.....	7.1	.1	-	-	1.0	.6	(Z)	.3	1	3

See footnotes at end of table.

**TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued**

Code	State and industry group	Kilowatt-hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column--	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Wisconsin, total.....	67.8	127.2	2,478.0	10.9	1,418.3	6.5	1,059.7	4.5	1	3
20	Food and kindred products.....	11.7	21.9	515.2	2.3	296.9	1.4	218.3	0.9	2	7
22	Textile mill products.....	.4	.7	5.3	(Z)	5.3	(Z)	-	-	4	32
23	Apparel, other textile products.....	.1	.3	15.0	.1	4.2	(Z)	10.8	(Z)	9	46
25	Furniture and fixtures.....	.5	1.0	16.2	(Z)	3.9	(Z)	12.4	(Z)	7	66
26	Paper and allied products.....	26.5	44.5	715.6	2.9	302.7	1.2	412.8	1.7	1	7
27	Printing and publishing.....	.7	1.7	45.4	.2	13.4	.1	32.0	.1	15	14
28	Chemicals and allied products.....	2.5	5.0	110.5	.5	78.0	.4	32.5	.2	7	16
30	Rubber and plastics products, n.e.c.....	.8	1.8	40.0	.2	17.5	.1	22.5	.1	6	12
31	Leather and leather products.....	1.0	2.0	40.5	.2	22.7	.1	17.7	.1	1	2
32	Stone, clay, and glass products.....	2.5	4.2	75.1	.4	75.1	.4	-	-	15	13
33	Primary metal industries.....	6.3	13.5	228.6	.9	98.7	.4	129.9	.5	6	6
34	Fabricated metal products.....	2.6	6.1	92.2	.4	58.7	.3	33.5	.1	5	9
35	Machinery, except electrical.....	5.4	11.7	255.7	1.3	160.1	.8	95.6	.5	3	3
36	Electrical equipment and supplies.....	2.2	4.1	99.7	.5	95.3	.5	4.3	(Z)	1	4
37	Transportation equipment.....	2.1	3.7	45.6	.2	21.7	.1	23.8	.1	1	1
39	Miscellaneous manufacturing industries.....	.7	1.4	51.4	.3	47.4	.2	4.0	(Z)	6	1
	Minnesota, total.....	33.8	61.1	2,807.3	11.7	959.6	4.6	1,847.8	7.1	2	7
20	Food and kindred products.....	11.0	18.5	703.3	3.3	327.9	1.5	375.4	1.8	3	2
22	Textile mill products.....	.2	.3	16.2	.1	16.2	.1	-	-	11	7
23	Apparel, other textile products.....	.1	.2	10.3	(Z)	6.3	(Z)	4.0	(Z)	8	10
24	Lumber and wood products.....	.7	1.8	31.4	.2	23.6	.1	7.9	(Z)	18	22
26	Paper and allied products.....	8.3	13.3	460.8	1.5	59.8	.3	401.0	1.3	1	1
27	Printing and publishing.....	.7	1.4	50.0	.2	49.5	.2	.5	(Z)	16	18
28	Chemicals and allied products.....	.9	1.8	49.0	.2	27.0	.1	22.0	.1	9	30
30	Rubber and plastics products, n.e.c.....	.4	.6	6.7	(Z)	6.7	(Z)	-	-	15	1
32	Stone, clay, and glass products.....	3.1	5.5	361.0	1.3	102.3	.6	258.7	.7	18	69
33	Primary metal industries.....	2.6	5.2	596.9	2.4	5.9	(Z)	591.0	2.3	12	1
34	Fabricated metal products.....	1.1	2.4	72.3	.4	59.5	.3	12.7	.1	7	13
35	Machinery, except electrical.....	2.1	4.0	106.7	.5	55.5	.3	51.2	.2	3	2
36	Electrical equipment and supplies.....	.5	1.2	24.9	.1	23.4	.1	1.5	(Z)	5	9
37	Transportation equipment.....	.4	.8	54.2	.2	8.5	(Z)	45.7	.2	3	4
38	Instruments and related products.....	.3	.6	37.0	.2	37.0	.2	-	-	7	1
39	Miscellaneous manufacturing industries.....	1.0	2.1	157.5	.8	116.7	.6	40.8	.2	4	1
	Iowa, total.....	47.0	72.2	1,434.9	6.4	1,082.0	4.9	352.9	1.5	7	18
20	Food and kindred products.....	14.6	21.7	758.5	3.4	607.2	2.7	151.3	.7	6	24
24	Lumber and wood products.....	.2	.4	16.6	.1	16.1	.1	-	-	18	1
26	Paper and allied products.....	.8	1.4	32.6	.2	12.9	.1	19.7	.1	1	1
30	Rubber and plastics products, n.e.c.....	1.1	1.6	63.0	.3	4.2	(Z)	58.8	.2	7	1
33	Primary metal industries.....	1.9	4.4	26.8	.1	24.3	.1	2.5	(Z)	5	38
34	Fabricated metal products.....	.8	1.5	27.3	.1	20.4	.1	6.9	(Z)	7	27
35	Machinery, except electrical.....	4.6	7.9	60.3	.3	56.8	.3	3.5	(Z)	2	1
36	Electrical equipment and supplies.....	.7	1.2	42.4	.2	42.4	.2	-	-	1	1
37	Transportation equipment.....	.3	.6	7.4	(Z)	7.4	(Z)	-	-	15	38
	Missouri, total.....	49.3	80.0	974.4	4.4	648.7	3.1	325.7	1.3	3	7
20	Food and kindred products.....	7.6	11.9	218.8	.9	53.2	.3	165.6	.6	7	4
22	Textile mill products.....	.2	.3	1.0	(Z)	.1	(Z)	.9	(Z)	1	1
23	Apparel, other textile products.....	.5	1.1	17.8	.1	15.5	.1	2.3	(Z)	6	2
25	Furniture and fixtures.....	.2	.4	-	-	-	-	-	-	17	(X)
28	Chemicals and allied products.....	7.4	11.2	196.4	.9	184.4	.8	12.0	.1	3	8
29	Petroleum and coal products.....	1.6	3.0	111.8	.7	101.1	.7	10.8	(Z)	14	40
30	Rubber and plastics products, n.e.c.....	.4	.6	11.9	(Z)	11.9	(Z)	-	-	11	1
32	Stone, clay, and glass products.....	16.1	23.2	57.8	.3	47.5	.2	10.3	(Z)	11	8
33	Primary metal industries.....	4.5	8.7	125.4	.5	100.9	.4	24.5	.1	4	14
34	Fabricated metal products.....	1.4	2.5	15.5	.1	13.5	.1	1.9	(Z)	9	34
35	Machinery, except electrical.....	1.0	1.8	9.8	(Z)	9.8	(Z)	-	-	7	6
36	Electrical equipment and supplies.....	1.2	2.0	21.0	.1	20.3	.1	.8	(Z)	7	1
37	Transportation equipment.....	3.2	5.5	73.2	.3	22.2	.1	51.1	.2	2	1
38	Instruments and related products.....	.2	.3	8.8	(Z)	2.5	(Z)	6.4	(Z)	12	54
39	Miscellaneous manufacturing industries.....	1.2	1.5	27.3	.1	5.7	(Z)	21.6	.1	6	10
	North Dakota, total.....	1.7	2.9	124.6	.6	109.4	.5	15.2	.1	7	12
20	Food and kindred products.....	1.1	1.8	93.9	.5	90.8	.4	3.1	(Z)	3	10
	South Dakota, total.....	1.6	3.0	149.6	.7	47.6	.2	102.0	.5	6	5
20	Food and kindred products.....	1.1	2.1	133.0	.7	32.4	.2	100.6	.5	4	1
35	Machinery, except electrical.....	(Z)	.1	1.6	(Z)	1.6	(Z)	-	-	8	1

See footnotes at end of table.

TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued

Code	State and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N			(million dollars) Col. O	(million dollars) Col. P
	Wisconsin, total.....	2,809.9	35.0	128.9	3.6	107.5	57.7	8.0	12.0	1	1
20	Food and kindred products.....	212.9	2.8	(S)	(Z)	19.9	10.8	1.3	4.7	7	1
22	Textile mill products.....	-	-	-	-	0.5	0.3	(Z)	0.3	(X)	3
23	Apparel, other textile products.....	-	-	-	-	.2	.1	-	.1	(X)	13
25	Furniture and fixtures.....	1.8	(Z)	-	-	.8	.5	(Z)	.4	8	12
26	Paper and allied products.....	1,939.6	23.2	-	-	32.3	15.4	3.0	(Z)	1	2
27	Printing and publishing.....	-	-	-	-	1.0	.6	.1	.8	(X)	11
28	Chemicals and allied products.....	173.6	2.8	-	-	2.8	1.5	.1	.1	1	22
30	Rubber and plastics products, n.e.c.....	48.3	.6	-	-	1.1	.7	.3	(Z)	1	16
31	Leather and leather products.....	2.7	(Z)	-	-	1.7	.8	.4	.5	29	1
32	Stone, clay, and glass products.....	79.0	.9	-	-	2.6	1.4	.2	1.3	32	16
33	Primary metal industries.....	114.1	1.1	62.2	2.3	13.8	8.0	.7	.4	1	5
34	Fabricated metal products.....	26.5	.6	(S)	.2	6.2	4.1	.3	.6	11	9
35	Machinery, except electrical.....	66.9	1.1	(S)	1.0	11.4	6.7	.7	.9	1	3
36	Electrical equipment and supplies.....	16.6	.2	(S)	(Z)	5.5	2.8	.2	.4	1	1
37	Transportation equipment.....	105.9	1.3	-	-	3.3	1.8	.1	.3	1	3
39	Miscellaneous manufacturing industries.....	3.3	.1	-	-	1.7	.9	.1	.1	1	7
	Minnesota, total.....	555.7	7.1	(S)	1.2	60.0	27.6	4.1	9.4	1	2
20	Food and kindred products.....	285.2	2.5	(S)	.6	17.1	7.7	1.4	2.9	1	3
22	Textile mill products.....	-	-	-	-	.3	.1	(Z)	.1	(X)	14
23	Apparel, other textile products.....	-	-	-	-	.1	(Z)	(Z)	.1	(X)	13
24	Lumber and wood products.....	15.2	.2	(S)	-	.3	.1	.1	1.2	2	12
26	Paper and allied products.....	159.7	2.8	-	-	19.5	8.5	(Z)	.4	1	1
27	Printing and publishing.....	.4	(Z)	-	-	1.3	.6	(Z)	.5	53	16
28	Chemicals and allied products.....	38.0	.6	-	-	.7	.5	.2	.2	1	28
30	Rubber and plastics products, n.e.c.....	1.0	(Z)	-	-	.6	.3	(Z)	.3	1	14
32	Stone, clay, and glass products.....	39.9	.6	(S)	.1	5.2	2.6	.4	.7	1	14
33	Primary metal industries.....	10.2	.2	(S)	.5	2.5	1.1	.2	.8	1	28
34	Fabricated metal products.....	.8	(Z)	-	-	2.1	1.1	.4	.5	1	9
35	Machinery, except electrical.....	3.8	.1	(S)	(Z)	3.8	1.8	.3	1.3	7	4
36	Electrical equipment and supplies.....	-	-	-	-	1.2	.7	.3	.1	(X)	8
37	Transportation equipment.....	-	-	-	-	.7	.4	(Z)	.1	(X)	5
38	Instruments and related products.....	-	-	-	-	.5	.2	.1	.1	(X)	1
39	Miscellaneous manufacturing industries.....	-	-	-	-	2.2	1.0	.1	.2	(X)	2
	Iowa, total.....	1,305.4	12.8	(S)	2.7	103.6	43.7	4.2	2.4	1	9
20	Food and kindred products.....	685.0	6.2	(S)	.1	26.5	10.8	1.2	-	1	6
24	Lumber and wood products.....	-	-	-	-	.2	.1	(Z)	.2	(X)	7
26	Paper and allied products.....	15.3	.2	-	-	2.0	.9	.1	(Z)	1	2
30	Rubber and plastics products, n.e.c.....	.4	(Z)	-	-	2.7	1.1	(Z)	.2	1	1
33	Primary metal industries.....	-	-	(S)	.1	4.8	2.9	.8	.4	(X)	6
34	Fabricated metal products.....	-	-	(S)	.2	1.7	.9	.1	.2	(X)	11
35	Machinery, except electrical.....	132.1	1.0	(S)	2.3	7.8	3.8	.2	.3	1	3
36	Electrical equipment and supplies.....	-	-	-	-	2.1	.9	.1	(Z)	(X)	1
37	Transportation equipment.....	.3	(Z)	-	-	.8	.5	(Z)	.1	80	20
	Missouri, total.....	1,414.1	13.3	92.4	3.2	99.6	44.0	6.3	8.8	1	1
20	Food and kindred products.....	65.8	.5	-	-	20.9	9.1	1.2	.3	11	6
22	Textile mill products.....	.4	(Z)	-	-	.1	.1	-	.2	1	1
23	Apparel, other textile products.....	1.5	(Z)	-	-	.6	.2	.1	.7	36	19
25	Furniture and fixtures.....	-	-	-	-	.5	.3	(Z)	.1	(X)	21
28	Chemicals and allied products.....	260.5	2.6	-	-	12.9	6.1	.5	1.1	1	1
29	Petroleum and coal products.....	-	-	-	-	4.7	2.2	.2	(Z)	(X)	6
30	Rubber and plastics products, n.e.c.....	.2	(Z)	-	-	.9	.5	-	.1	1	12
32	Stone, clay, and glass products.....	1,020.4	9.4	(S)	(Z)	24.6	10.3	3.0	.2	1	3
33	Primary metal industries.....	-	-	80.2	3.0	9.6	3.5	.4	1.2	(X)	3
34	Fabricated metal products.....	-	-	-	-	4.1	2.2	(Z)	.2	(X)	9
35	Machinery, except electrical.....	-	-	(S)	-	2.6	1.4	.1	.3	(X)	13
36	Electrical equipment and supplies.....	-	-	-	-	2.4	1.1	.1	.7	(X)	2
37	Transportation equipment.....	57.8	.7	(S)	.2	7.7	3.8	.2	.4	1	1
38	Instruments and related products.....	-	-	-	-	.4	.2	-	.1	(X)	11
39	Miscellaneous manufacturing industries.....	2.1	(Z)	-	-	3.1	.9	(Z)	.4	7	3
	North Dakota, total.....	58.5	.5	(S)	.2	1.6	.8	(Z)	.8	1	21
20	Food and kindred products.....	58.5	.5	(S)	.2	.8	.3	(Z)	.3	1	9
	South Dakota, total.....	1.6	(Z)	-	-	2.0	.8	.3	1.1	1	11
20	Food and kindred products.....	1.6	(Z)	-	-	1.3	.6	.2	.6	1	12
35	Machinery, except electrical.....	-	-	-	-	(Z)	(Z)	(Z)	(Z)	(X)	1

See footnotes at end of table.

TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Nebraska, total.....	13.9	19.5	428.6	1.9	305.7	1.4	122.9	.5	4	6
20	Food and kindred products.....	6.2	8.8	136.7	.7	97.3	.5	39.5	.2	7	1
25	Furniture and fixtures.....	.1	.1	-	-	-	-	-	-	18	(X)
28	Chemicals and allied products.....	2.9	3.7	93.7	.4	93.7	.4	-	-	1	1
32	Stone, clay, and glass products.....	1.9	2.3	.5	(Z)	(Z)	-	.5	(Z)	11	1
33	Primary metal industries.....	.4	.6	26.5	.1	26.5	.1	-	-	.1	1
34	Fabricated metal products.....	.5	1.0	10.2	.1	3.8	(Z)	6.5	(Z)	14	60
36	Electrical equipment and supplies.....	.2	.4	13.2	.1	13.2	.1	-	-	4	1
37	Transportation equipment.....	.2	.3	1.7	(Z)	.8	(Z)	.8	(Z)	4	35
38	Instruments and related products.....	.1	.2	3.3	(Z)	-	-	3.3	(Z)	1	1
39	Miscellaneous manufacturing industries.....	.3	.5	44.3	.2	44.3	.2	-	-	19	1
	Kansas, total.....	32.1	34.5	395.5	1.6	175.2	.7	220.3	.8	1	2
20	Food and kindred products.....	2.9	3.9	74.7	.3	26.1	.1	48.6	.2	8	4
24	Lumber and wood products.....	.1	.1	-	-	-	-	-	-	9	(X)
25	Furniture and fixtures.....	.1	.1	.4	(Z)	.4	(Z)	-	-	10	1
26	Paper and allied products.....	.5	.5	10.8	.1	3.2	(Z)	7.6	(Z)	7	1
28	Chemicals and allied products.....	10.5	10.0	127.3	.5	75.0	.3	52.3	.2	1	1
32	Stone, clay, and glass products.....	5.9	6.4	48.2	.2	17.6	.1	30.6	.1	4	3
34	Fabricated metal products.....	.5	.8	5.4	(Z)	5.4	(Z)	-	-	7	1
35	Machinery, except electrical.....	.5	.9	2.2	(Z)	2.2	(Z)	-	-	14	1
37	Transportation equipment.....	1.2	1.4	5.0	(Z)	.3	(Z)	4.7	(Z)	3	1
39	Miscellaneous manufacturing industries.....	.2	.4	60.8	.3	4.0	(Z)	56.8	.3	5	1
	Delaware, total.....	11.8	27.2	3,637.4	15.4	784.0	3.6	2,853.4	11.8	1	1
20	Food and kindred products.....	.7	1.7	267.8	1.2	84.6	.4	183.3	.8	10	4
30	Rubber and plastics products, n.e.c.....	.4	.9	94.2	.4	60.2	.3	34.0	.1	1	1
33	Primary metal industries.....	.8	1.8	228.0	1.1	20.9	.1	207.2	.9	1	2
34	Fabricated metal products.....	.1	.2	6.4	(Z)	1.1	(Z)	5.2	(Z)	1	1
35	Machinery, except electrical.....	.1	.2	8.6	(Z)	.9	(Z)	7.7	(Z)	12	7
38	Instruments and related products.....	(Z)	.1	2.6	(Z)	2.6	(Z)	-	-	1	1
	Maryland, total.....	40.6	81.5	9,388.0	38.9	2,450.3	11.7	6,937.8	27.1	2	4
20	Food and kindred products.....	4.6	10.9	1,038.0	5.1	255.1	1.2	782.9	3.9	10	15
25	Furniture and fixtures.....	.2	.5	32.8	.2	32.8	.2	-	-	7	1
26	Paper and allied products.....	4.5	6.4	426.6	1.9	156.9	.9	269.7	1.0	1	1
27	Printing and publishing.....	.3	.8	25.0	.1	15.2	.1	9.9	.1	8	3
28	Chemicals and allied products.....	6.8	11.8	1,081.0	4.5	208.9	1.0	872.2	3.5	1	2
30	Rubber and plastics products, n.e.c.....	.8	1.8	343.1	1.5	332.1	1.4	11.0	(Z)	1	1
32	Stone, clay, and glass products.....	6.3	11.6	1,389.0	5.3	435.1	2.2	953.9	3.1	11	24
33	Primary metal industries.....	11.4	24.3	3,891.4	15.3	519.6	2.5	3,371.8	12.9	1	1
34	Fabricated metal products.....	1.0	2.3	78.8	.3	57.8	.3	21.0	.1	4	5
35	Machinery, except electrical.....	.7	1.6	90.5	.4	14.1	.1	76.4	.3	11	4
36	Electrical equipment and supplies.....	.7	1.4	50.3	.3	44.9	.2	5.4	(Z)	3	1
37	Transportation equipment.....	1.4	3.2	469.5	1.8	133.7	.7	335.8	1.2	2	1
39	Miscellaneous manufacturing industries.....	(Z)	.1	13.1	.1	10.6	.1	2.5	(Z)	19	26
	District of Columbia, total.....	.7	1.5	51.2	.2	13.9	.1	37.3	.2	11	16
27	Printing and publishing.....	.2	.7	31.2	.1	12.5	(Z)	18.7	.1	9	10
	Virginia, total.....	59.4	116.8	8,966.1	29.2	4,444.6	16.4	4,521.5	12.8	3	4
20	Food and kindred products.....	3.0	6.0	411.9	1.7	309.9	1.2	102.0	.4	9	9
21	Tobacco manufactures.....	1.0	2.4	285.3	1.1	8.6	(Z)	276.7	1.1	1	1
22	Textile mill products.....	4.4	8.1	166.6	.8	80.5	.4	86.1	.4	1	1
23	Apparel, other textile products.....	.3	.8	75.6	.3	71.7	.3	3.9	(Z)	4	4
25	Furniture and fixtures.....	.7	1.4	25.1	.1	12.5	.1	12.6	.1	3	1
26	Paper and allied products.....	11.6	20.2	2,165.8	6.0	555.9	2.1	1,609.9	3.9	1	1
27	Printing and publishing.....	.2	.4	11.8	.1	5.3	(Z)	6.5	(Z)	4	1
28	Chemicals and allied products.....	22.0	43.2	3,936.2	11.5	1,937.3	6.3	1,998.8	5.2	1	1
30	Rubber and plastics products, n.e.c.....	.8	1.6	122.1	.5	31.6	.1	90.6	.4	1	1
31	Leather and leather products.....	.2	.3	67.3	.2	62.0	.2	5.3	(Z)	1	1
32	Stone, clay, and glass products.....	7.0	12.4	542.8	2.4	519.8	2.2	23.0	.1	14	27
33	Primary metal industries.....	1.8	4.4	119.4	.5	119.4	.5	-	-	8	4
34	Fabricated metal products.....	.5	1.1	15.1	.1	11.5	.1	3.6	(Z)	5	2
35	Machinery, except electrical.....	.4	.8	29.3	.1	27.0	.1	2.3	(Z)	8	25
36	Electrical equipment and supplies.....	.5	1.2	71.0	.4	40.7	.2	30.3	.2	8	1
37	Transportation equipment.....	.9	2.0	282.1	1.0	69.6	.3	212.4	.7	1	1
38	Instruments and related products.....	.1	.1	10.2	(Z)	5.8	(Z)	4.4	(Z)	1	1
39	Miscellaneous manufacturing industries.....	.2	.4	21.8	.1	21.8	.1	-	-	12	34

See footnotes at end of table.

**TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued**

Code	State and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Nebraska, total.....	214.5	1.8	(S)	0.4	30.8	11.4	1.0	3.0	1	6
20	Food and kindred products.....	147.0	1.1	(S)	.2	11.2	4.1	.6	2.0	1	15
25	Furniture and fixtures.....	.1	(Z)	-	-	.3	.1	-	(Z)	1	21
28	Chemicals and allied products.....	-	-	-	-	7.9	2.8	.1	.3	(X)	1
32	Stone, clay, and glass products.....	67.4	.7	-	-	4.2	1.4	-	.2	1	4
33	Primary metal industries.....	-	-	(S)	.2	1.0	.4	(Z)	(Z)	(X)	2
34	Fabricated metal products.....	-	-	-	-	.9	.4	.1	.3	(X)	25
36	Electrical equipment and supplies.....	-	-	-	-	.4	.2	(Z)	.1	(X)	8
37	Transportation equipment.....	-	-	-	-	.4	.2	(Z)	.1	(X)	5
38	Instruments and related products.....	-	-	-	-	.3	.1	(Z)	(Z)	(X)	1
39	Miscellaneous manufacturing industries.....	-	-	-	-	.8	.3	-	(Z)	(X)	10
	Kansas, total.....	28.9	.3	(S)	.2	95.0	27.8	1.4	3.3	1	1
20	Food and kindred products.....	-	-	-	-	6.8	2.5	.1	1.1	(X)	13
24	Lumber and wood products.....	-	-	-	-	.1	(Z)	(Z)	.1	(X)	26
25	Furniture and fixtures.....	-	-	-	-	.1	(Z)	(Z)	.1	(X)	6
26	Paper and allied products.....	-	-	-	-	1.8	.5	-	-	(X)	6
28	Chemicals and allied products.....	15.9	.2	(S)	(Z)	32.0	8.2	.8	.3	1	1
32	Stone, clay, and glass products.....	10.0	.1	-	-	16.5	4.9	.4	.9	1	1
34	Fabricated metal products.....	-	-	-	-	1.1	.5	.1	.2	(X)	10
35	Machinery, except electrical.....	-	-	(S)	.1	1.0	.5	(Z)	.3	(X)	10
37	Transportation equipment.....	-	-	-	-	3.6	1.2	(Z)	.2	(X)	1
39	Miscellaneous manufacturing industries.....	3.0	(Z)	-	-	.1	(Z)	(Z)	(Z)	1	54
	Delaware, total.....	2.8	(Z)	-	-	11.4	6.1	4.1	1.5	1	1
20	Food and kindred products.....	-	-	-	-	.3	.2	(Z)	.3	(X)	7
30	Rubber and plastics products, n.e.c.....	-	-	-	-	.5	.4	-	.1	(X)	4
33	Primary metal industries.....	.2	(Z)	-	-	1.2	.6	.1	(Z)	1	1
34	Fabricated metal products.....	-	-	-	-	(Z)	(Z)	.1	(X)	1	1
35	Machinery, except electrical.....	-	-	-	-	.1	(Z)	(Z)	.1	(X)	63
38	Instruments and related products.....	-	-	-	-	(Z)	(Z)	(Z)	(Z)	(X)	1
	Maryland, total.....	903.5	8.7	42.1	1.5	38.4	21.7	4.3	6.5	1	1
20	Food and kindred products.....	36.6	.3	-	-	4.6	2.7	1.4	1.3	40	4
25	Furniture and fixtures.....	3.8	.1	-	-	.2	.2	-	.1	44	11
26	Paper and allied products.....	393.0	3.2	-	-	2.1	1.1	.3	.1	1	4
27	Printing and publishing.....	-	-	-	-	.5	.3	.1	.3	(X)	7
28	Chemicals and allied products.....	245.8	2.7	-	-	6.0	3.4	(Z)	1.2	1	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	.3	.2	(Z)	.1	(X)	7
32	Stone, clay, and glass products.....	222.2	2.3	-	-	5.9	3.3	.3	.3	1	1
33	Primary metal industries.....	-	-	37.3	1.4	12.3	7.0	.3	.3	(X)	1
34	Fabricated metal products.....	-	-	-	-	2.2	1.3	(Z)	.5	(X)	4
35	Machinery, except electrical.....	-	-	(S)	.2	.5	.4	.1	.6	(X)	■
36	Electrical equipment and supplies.....	-	-	-	-	1.8	1.0	.1	.1	(X)	2
37	Transportation equipment.....	-	-	(S)	(Z)	1.0	.5	.7	.2	(X)	4
38	Instruments and related products.....	-	-	-	-	.1	.1	-	(Z)	(X)	37
39	Miscellaneous manufacturing industries.....	1.5	(Z)	-	-	(Z)	(Z)	-	(Z)	1	1
	District of Columbia, total.....	(Z)	-	(S)	(Z)	.5	.3	.3	.7	(X)	12
27	Printing and publishing.....	-	-	(S)	(Z)	.2	.2	.2	.2	(X)	5
	Virginia, total.....	1,306.9	41.8	54.4	1.7	40.1	22.4	14.6	7.1	2	5
20	Food and kindred products.....	89.6	.9	-	-	2.9	2.0	.4	1.0	48	17
21	Tobacco manufactures.....	21.7	.4	-	-	1.0	.7	(Z)	.1	1	1
22	Textile mill products.....	268.9	3.6	-	-	5.2	2.9	.2	.6	1	1
23	Apparel, other textile products.....	.5	(Z)	-	-	.2	.1	(Z)	.3	1	23
25	Furniture and fixtures.....	38.4	.5	(S)	.1	.4	.3	.2	.3	1	12
26	Paper and allied products.....	786.9	11.0	-	-	5.3	2.9	.2	.1	1	1
27	Printing and publishing.....	-	-	-	-	.4	.2	(Z)	.2	(X)	■
28	Chemicals and allied products.....	562.2	19.7	-	-	3.8	2.0	9.8	.2	1	1
30	Rubber and plastics products, n.e.c.....	13.9	.3	-	-	1.3	.8	.1	(Z)	1	1
31	Leather and leather products.....	2.3	(Z)	-	-	(Z)	(Z)	-	.1	1	1
32	Stone, clay, and glass products.....	456.4	4.5	(S)	(Z)	9.7	5.0	(S)	(S)	18	19
33	Primary metal industries.....	.4	(Z)	44.5	1.5	3.7	2.1	.1	.1	1	14
34	Fabricated metal products.....	.4	(Z)	(S)	(Z)	.7	.5	(Z)	.5	1	■
35	Machinery, except electrical.....	.2	(Z)	-	-	.8	.5	(Z)	.1	1	5
36	Electrical equipment and supplies.....	-	-	-	-	1.0	.6	.1	.2	(X)	1
37	Transportation equipment.....	39.1	.5	(S)	(Z)	.4	.2	(S)	(S)	1	12
38	Instruments and related products.....	-	-	-	-	.1	(Z)	(Z)	(Z)	(X)	1
39	Miscellaneous manufacturing industries.....	4.7	.1	-	-	.3	.2	(Z)	(Z)	1	12

See footnotes at end of table.

**TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued**

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity	Cost	Quantity	Cost	Quantity	Cost	B	D
				(1,000 barrels) Col. C	(million dollars) Col. D	(1,000 barrels) Col. E	(million dollars) Col. F	(1,000 barrels) Col. G	(million dollars) Col. H		
	West Virginia, total.....	58.4	83.9	854.9	3.6	730.5	3.2	124.4	0.5	1	10
28	Chemicals and allied products.....	31.4	40.9	110.5	.5	74.6	.3	35.9	.2	1	1
29	Petroleum and coal products.....	.5	.9	18.2	.1	5.9	(Z)	12.3	.1	9	47
32	Stone, clay, and glass products.....	9.8	17.0	36.6	.2	21.5	.1	15.1	(Z)	3	31
33	Primary metal industries.....	13.2	17.4	386.8	1.7	386.3	1.7	.5	(Z)	2	1
34	Fabricated metal products.....	.5	1.1	20.6	.1	18.3	.1	2.4	(Z)	7	72
35	Machinery, except electrical.....	.3	.5	28.6	.1	6.4	(Z)	22.2	.1	2	1
36	Electrical equipment and supplies.....	.4	.6	5.2	(Z)	5.2	(Z)	-	-	1	1
	North Carolina, total.....	67.9	133.4	11,265.2	43.0	3,405.5	14.4	7,859.6	28.6	1	1
20	Food and kindred products.....	4.1	8.1	442.0	1.8	271.2	1.1	170.9	.7	6	9
21	Tobacco manufactures.....	2.0	4.2	253.0	1.0	96.6	.4	156.4	.7	3	1
22	Textile mill products.....	19.1	37.2	2,202.6	9.8	1,036.6	4.5	1,166.0	5.3	2	5
23	Apparel, other textile products.....	.7	1.5	69.5	.3	63.8	.3	5.7	(Z)	8	18
24	Lumber and wood products.....	2.7	8.5	374.1	1.5	264.4	1.1	109.7	.3	12	4
25	Furniture and fixtures.....	1.5	3.3	104.2	.5	77.9	.4	26.3	.1	5	5
26	Paper and allied products.....	14.8	27.6	4,487.3	16.0	134.5	.6	4,352.8	15.4	1	2
28	Chemicals and allied products.....	11.1	19.1	1,836.6	6.6	944.6	3.6	892.0	3.0	1	1
30	Rubber and plastics products, n.e.c.....	.9	1.7	129.3	.6	100.1	.5	29.2	.1	5	6
32	Stone, clay, and glass products.....	6.5	12.1	1,002.2	3.1	178.8	.8	823.4	2.3	16	13
33	Primary metal industries.....	.7	1.8	17.0	.1	13.8	.1	3.3	(Z)	3	1
34	Fabricated metal products.....	.7	1.6	23.8	.1	22.1	.1	1.6	(Z)	14	24
35	Machinery, except electrical.....	.8	1.8	52.7	.2	30.5	.1	22.3	.1	9	15
36	Electrical equipment and supplies.....	1.1	2.3	131.1	.7	63.4	.3	67.7	.3	1	1
38	Instruments and related products.....	.3	.7	57.9	.3	56.7	.2	1.2	(Z)	7	20
39	Miscellaneous manufacturing industries.....	.1	.3	6.6	(Z)	6.6	(Z)	-	-	9	4
	South Carolina, total.....	48.9	88.5	6,594.8	22.1	3,552.4	12.3	3,042.4	9.7	1	2
22	Textile mill products.....	13.2	24.7	1,145.7	4.5	558.6	2.2	587.2	2.3	1	1
23	Apparel, other textile products.....	1.3	2.2	25.4	.1	11.0	(Z)	14.4	(Z)	1	1
24	Lumber and wood products.....	1.3	4.0	132.6	.5	111.9	.4	20.7	.1	11	44
25	Furniture and fixtures.....	.1	.2	15.9	.1	6.0	(Z)	9.9	(Z)	17	1
26	Paper and allied products.....	10.3	17.3	4,138.7	12.2	2,265.8	7.0	1,872.9	5.1	1	1
28	Chemicals and allied products.....	13.0	22.5	496.4	2.2	236.4	1.1	260.0	1.1	2	13
30	Rubber and plastics products, n.e.c.....	.6	1.1	32.3	.1	32.3	.1	-	-	1	1
32	Stone, clay, and glass products.....	5.2	8.7	220.8	.8	86.9	.3	134.0	.5	4	26
33	Primary metal industries.....	.5	1.2	126.5	.6	83.1	.4	43.4	.2	3	1
35	Machinery, except electrical.....	.7	1.4	41.5	.2	30.2	.1	11.4	.1	4	3
36	Electrical equipment and supplies.....	.3	.7	32.5	.1	17.7	.1	14.8	.1	1	1
37	Transportation equipment.....	.1	.2	14.0	.1	10.2	.1	3.8	(Z)	4	2
38	Instruments and related products.....	.1	.3	5.0	(Z)	5.0	(Z)	-	-	1	1
39	Miscellaneous manufacturing industries.....	.1	.3	1.1	(Z)	1.1	(Z)	-	-	11	1
	Georgia, total.....	60.4	112.2	8,864.5	30.2	4,225.8	15.3	4,638.7	14.9	2	2
20	Food and kindred products.....	4.5	8.5	362.4	1.5	289.4	1.2	73.0	.3	9	13
22	Textile mill products.....	11.8	21.9	1,405.1	6.5	598.3	2.8	806.8	3.6	1	1
23	Apparel, other textile products.....	.7	1.4	17.2	.1	13.3	.1	4.0	(Z)	6	8
25	Furniture and fixtures.....	.2	.4	4.4	(Z)	4.4	(Z)	-	-	10	1
26	Paper and allied products.....	18.8	32.4	5,501.8	15.6	2,232.2	6.5	3,269.7	9.1	1	1
27	Printing and publishing.....	.3	.5	-	-	-	-	-	-	14	(X)
28	Chemicals and allied products.....	6.9	11.5	543.6	2.1	240.4	1.0	303.2	1.1	4	5
30	Rubber and plastics products, n.e.c.....	.8	1.3	54.1	.2	19.2	.1	34.9	.2	3	3
31	Leather and leather products.....	(Z)	.1	-	-	-	-	-	-	3	(X)
32	Stone, clay, and glass products.....	7.3	12.6	284.4	1.3	282.8	1.3	1.6	(Z)	6	9
33	Primary metal industries.....	1.7	3.3	50.7	.2	50.7	.2	-	-	9	1
34	Fabricated metal products.....	.6	1.5	6.0	(Z)	5.2	(Z)	.8	(Z)	7	10
35	Machinery, except electrical.....	.4	.9	3.9	(Z)	.5	(Z)	3.4	(Z)	23	1
36	Electrical equipment and supplies.....	.5	1.0	13.3	(Z)	5.3	(Z)	8.0	-	1	1
37	Transportation equipment.....	1.4	3.3	36.6	.2	2.1	(Z)	34.5	.2	2	1
	Florida, total.....	48.7	84.2	10,890.4	35.8	3,974.4	14.0	6,916.0	21.7	2	1
20	Food and kindred products.....	7.0	13.8	1,208.3	5.2	523.0	2.2	685.3	3.0	1	1
26	Paper and allied products.....	16.3	25.1	6,613.6	18.4	1,313.5	3.0	5,300.1	15.5	1	1
28	Chemicals and allied products.....	14.2	20.7	1,390.0	5.7	602.0	3.0	788.0	2.8	1	1
29	Petroleum and coal products.....	.8	1.1	104.3	.4	49.7	.2	54.6	.2	14	8
30	Rubber and plastics products, n.e.c.....	.1	.1	.2	(Z)	.2	(Z)	-	-	10	1
32	Stone, clay, and glass products.....	6.3	12.6	1,144.6	4.2	1,127.4	4.1	17.2	.1	4	1
33	Primary metal industries.....	.8	1.6	3.8	(Z)	3.8	(Z)	-	-	6	87
34	Fabricated metal products.....	.6	1.5	16.0	.1	16.0	.1	-	-	7	54
38	Instruments and related products.....	(Z)	.1	1.7	(Z)	-	-	1.7	(Z)	20	1
39	Miscellaneous manufacturing industries.....	.1	.2	-	-	-	-	-	-	14	(X)

See footnotes at end of table.

TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued

Code	State and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	West Virginia, total.....	4,709.1	41.4	(S)	0.5	.66.6	35.0	3.1	0.2	1	1
28	Chemicals and allied products.....	3,310.6	29.7	-	-	19.5	10.0	1.1	-.3	1	1
29	Petroleum and coal products.....	22.7	.2	-	-	1.0	.5	-	(Z)	1	12
32	Stone, clay, and glass products.....	215.9	2.7	-	-	25.0	13.2	.3	.6	1	3
33	Primary metal industries.....	1,065.6	7.5	(S)	.5	15.8	8.3	.4	-.9	1	1
34	Fabricated metal products.....	1.3	(Z)	-	-	1.5	.9	(Z)	.1	1	2
35	Machinery, except electrical.....	-	-	(S)	(Z)	.4	.3	(Z)	.1	(X)	3
36	Electrical equipment and supplies.....	.2	(Z)	-	-	.9	.4	(Z)	.1	1	1
	North Carolina, total.....	1,767.7	24.8	(S)	2.3	66.4	35.5	6.7	21.0	1	2
20	Food and kindred products.....	4.3	.1	(S)	(Z)	3.8	2.2	.7	3.3	1	4
21	Tobacco manufactures.....	132.6	2.2	-	-	.7	.4	.1	.4	1	1
22	Textile mill products.....	617.4	8.4	-	-	22.2	12.1	1.5	5.5	2	3
23	Apparel, other textile products.....	19.6	.3	-	-	.5	.3	(Z)	.6	4	1
24	Lumber and wood products.....	1.7	(Z)	-	-	1.1	.6	2.3	4.1	41	68
25	Furniture and fixtures.....	65.8	1.1	(S)	(Z)	.6	.4	.2	1.2	3	10
26	Paper and allied products.....	698.4	9.2	(S)	.9	2.4	1.2	.2	-	1	12
28	Chemicals and allied products.....	217.0	3.3	-	-	16.8	7.9	.1	1.2	1	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	1.1	.6	.1	.4	(X)	2
32	Stone, clay, and glass products.....	2.7	(Z)	(S)	.9	8.4	4.9	.9	2.2	42	15
33	Primary metal industries.....	-	-	(S)	.3	1.9	1.2	.2	(Z)	(X)	4
34	Fabricated metal products.....	-	-	-	-	1.2	.8	(Z)	.7	(X)	5
35	Machinery, except electrical.....	-	-	(S)	.1	1.6	.9	.2	.3	(X)	12
36	Electrical equipment and supplies.....	(Z)	-	-	-	2.1	1.2	.1	.4	(X)	1
38	Instruments and related products.....	1.7	(Z)	-	-	.7	.4	(Z)	(Z)	1	1
39	Miscellaneous manufacturing industries.....	.5	(Z)	-	-	.4	.2	-	(Z)	67	9
	South Carolina, total.....	1,609.4	21.1	(S)	.1	63.7	32.1	4.2	8.9	1	2
22	Textile mill products.....	383.5	5.0	(S)	(Z)	21.2	11.1	1.6	2.5	1	1
23	Apparel, other textile products.....	87.7	.9	-	-	1.2	.7	(Z)	.6	1	2
24	Lumber and wood products.....	.1	(Z)	-	-	.6	.3	.8	2.4	1	27
25	Furniture and fixtures.....	-	-	-	-	.1	(Z)	(Z)	.1	(X)	42
26	Paper and allied products.....	76.6	1.1	-	-	6.8	3.1	.5	.3	1	1
28	Chemicals and allied products.....	1,046.8	14.0	-	-	12.5	5.8	.4	.2	1	6
30	Rubber and plastics products, n.e.c.....	-	-	-	-	1.6	.8	.1	.1	(X)	1
32	Stone, clay, and glass products.....	-	-	-	-	12.5	6.2	.2	1.5	(X)	3
33	Primary metal industries.....	-	-	-	-	.9	.6	(Z)	(Z)	(X)	1
35	Machinery, except electrical.....	-	-	(S)	.1	1.2	.7	.1	.4	(X)	7
36	Electrical equipment and supplies.....	-	-	-	-	.6	.4	(Z)	.2	(X)	1
37	Transportation equipment.....	-	-	-	-	.1	(Z)	(Z)	.1	(X)	15
38	Instruments and related products.....	-	-	-	-	.4	.2	(Z)	(Z)	(X)	1
39	Miscellaneous manufacturing industries.....	-	-	-	-	.3	.2	(Z)	.1	(X)	3
	Georgia, total.....	595.6	6.5	(S)	.6	104.0	51.3	10.3	13.3	1	1
20	Food and kindred products.....	.3	(Z)	-	-	10.1	5.0	1.0	1.1	1	5
22	Textile mill products.....	144.8	1.8	(S)	(Z)	21.6	10.6	.5	2.5	1	2
23	Apparel, other textile products.....	2.0	(Z)	-	-	1.4	.6	(Z)	.7	1	3
25	Furniture and fixtures.....	1.3	(Z)	-	-	.3	.2	(Z)	.2	1	10
26	Paper and allied products.....	279.2	3.0	-	-	18.7	8.7	4.7	.4	1	1
27	Printing and publishing.....	-	-	-	-	.7	.3	.1	.2	(X)	20
28	Chemicals and allied products.....	104.4	.9	(S)	(Z)	14.0	7.3	.4	.9	1	5
30	Rubber and plastics products, n.e.c.....	-	-	-	-	1.8	.8	(Z)	.2	(X)	3
31	Leather and leather products.....	-	-	-	-	(Z)	(Z)	-	(Z)	(X)	1
32	Stone, clay, and glass products.....	62.9	.8	(S)	(Z)	19.7	9.3	.8	.4	1	7
33	Primary metal industries.....	-	-	(S)	.5	4.0	2.0	.2	.4	(X)	1
34	Fabricated metal products.....	-	-	(S)	(Z)	1.3	.8	.2	.4	(X)	6
35	Machinery, except electrical.....	.1	(Z)	(S)	.1	.9	.5	.1	.2	1	17
36	Electrical equipment and supplies.....	-	-	-	-	1.0	.6	(Z)	.3	(X)	1
37	Transportation equipment.....	-	-	-	-	3.8	2.2	.7	.2	(X)	1
	Florida, total.....	37.5	.3	(S)	.1	73.7	31.9	7.6	8.5	1	1
20	Food and kindred products.....	-	-	-	-	10.1	5.0	.8	2.8	(X)	1
26	Paper and allied products.....	-	-	-	-	13.4	5.9	.6	.2	(X)	1
28	Chemicals and allied products.....	37.5	.3	-	-	36.1	13.0	1.4	.3	1	1
29	Petroleum and coal products.....	-	-	-	-	.3	.2	(Z)	.5	(X)	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	.1	(Z)	.1	.1	(X)	57
32	Stone, clay, and glass products.....	-	-	-	-	9.6	5.2	1.5	1.7	(X)	1
33	Primary metal industries.....	-	-	(S)	.1	1.3	.8	.2	.5	(X)	1
34	Fabricated metal products.....	-	-	-	-	1.2	.8	.1	.6	(X)	12
38	Instruments and related products.....	-	-	-	-	(Z)	(Z)	(Z)	.1	(X)	1
39	Miscellaneous manufacturing industries.....	-	-	-	-	.1	.1	-	.2	(X)	40

See footnotes at end of table.

**TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued**

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Kentucky, total.....	44.1	88.1	642.6	2.7	351.0	1.6	291.6	1.1	1	5
20	Food and kindred products.....	4.4	7.3	121.3	0.5	67.5	0.3	53.8	0.2	6	20
21	Tobacco manufactures.....	.8	1.3	28.1	.1	3.0	(Z)	25.1	.1	1	1
22	Textile mill products.....	.2	.4	.9	(Z)	.9	(Z)	-	-	12	1
23	Apparel, other textile products.....	.3	.6	6.4	(Z)	2.2	(Z)	4.2	(Z)	3	21
26	Paper and allied products.....	2.0	2.9	15.7	.1	5.3	(Z)	10.4	(Z)	1	1
27	Printing and publishing.....	.3	.6	-	-	-	-	-	-	10	(X)
28	Chemicals and allied products.....	8.9	11.6	138.4	.6	93.8	.4	44.6	.1	1	13
30	Rubber and plastics products, n.e.c.....	.6	.9	13.3	.1	9.9	.1	3.4	(Z)	3	48
32	Stone, clay, and glass products.....	3.2	5.1	122.6	.4	50.6	.2	72.0	.2	6	3
33	Primary metal industries.....	14.2	40.4	125.6	.6	66.7	.3	58.8	.3	1	1
34	Fabricated metal products.....	1.7	3.4	10.1	(Z)	10.1	(Z)	-	-	5	9
35	Machinery, except electrical.....	1.9	3.3	.7	(Z)	.7	(Z)	-	-	1	1
36	Electrical equipment and supplies.....	1.9	3.2	5.1	(Z)	5.1	(Z)	-	-	1	1
37	Transportation equipment.....	.8	1.5	2.4	(Z)	2.0	(Z)	.4	(Z)	1	1
38	Instruments and related products.....	.1	.2	.2	(Z)	.2	(Z)	-	-	1	1
39	Miscellaneous manufacturing industries.....	.2	.3	11.5	(Z)	.2	(Z)	11.3	(Z)	20	1
	Tennessee, total.....	68.6	107.5	2,137.6	8.0	972.4	4.4	1,165.2	3.6	1	2
20	Food and kindred products.....	4.3	6.8	173.9	.8	101.0	.4	72.9	.3	2	1
21	Tobacco manufactures.....	.1	.1	.6	(Z)	.6	(Z)	-	-	1	1
22	Textile mill products.....	2.3	4.1	100.8	.4	71.5	.3	29.2	.1	1	2
23	Apparel, other textile products.....	.7	1.6	20.0	.1	4.7	(Z)	15.3	(Z)	1	28
24	Lumber and wood products.....	.8	2.5	30.8	.1	30.8	.1	-	-	18	21
25	Furniture and fixtures.....	.4	.9	22.3	.1	22.3	.1	-	-	5	1
26	Paper and allied products.....	6.2	9.2	1,158.5	3.7	284.5	1.2	874.0	2.5	1	1
27	Printing and publishing.....	.4	.9	5.3	(Z)	.5	(Z)	4.8	(Z)	4	1
28	Chemicals and allied products.....	31.7	43.4	227.7	1.1	139.5	.7	88.2	.3	1	1
29	Petroleum and coal products.....	.8	1.0	13.6	.1	-	-	13.6	.1	3	1
30	Rubber and plastics products, n.e.c.....	1.6	2.1	43.7	.2	43.1	.2	.6	(Z)	2	1
31	Leather and leather products.....	.3	.6	.2	(Z)	.2	(Z)	-	-	1	1
32	Stone, clay, and glass products.....	9.4	13.8	121.2	.5	71.1	.3	50.1	.2	6	32
33	Primary metal industries.....	3.9	8.0	54.8	.3	54.8	.3	-	-	8	35
34	Fabricated metal products.....	1.6	3.7	36.1	.1	22.5	.1	13.6	(Z)	9	1
35	Machinery, except electrical.....	1.5	3.5	26.6	.1	26.6	.1	-	-	17	6
36	Electrical equipment and supplies.....	1.5	3.0	78.9	.4	76.8	.3	2.1	(Z)	4	1
37	Transportation equipment.....	.7	1.4	20.0	.1	20.0	.1	-	-	1	1
38	Instruments and related products.....	.1	.1	.7	(Z)	-	-	.7	(Z)	4	50
39	Miscellaneous manufacturing industries.....	.3	.7	2.1	(Z)	2.1	(Z)	-	-	11	1
	Alabama, total.....	82.3	137.7	3,165.0	13.4	1,639.3	7.1	1,525.7	6.3	1	4
20	Food and kindred products.....	1.9	3.3	29.1	.1	27.6	.1	1.5	(Z)	9	3
22	Textile mill products.....	3.6	6.0	191.7	.9	163.5	.7	28.1	.1	1	1
23	Apparel, other textile products.....	.4	.9	5.1	(Z)	3.6	(Z)	1.6	(Z)	5	1
26	Paper and allied products.....	19.6	25.0	1,168.8	4.7	533.2	2.4	635.6	2.3	7	11
27	Printing and publishing.....	.2	.4	-	-	-	-	-	-	4	(X)
28	Chemicals and allied products.....	15.9	17.8	258.7	1.1	150.2	.7	108.4	.4	1	1
29	Petroleum and coal products.....	1.5	1.7	17.3	.1	10.9	.1	6.4	(Z)	10	1
30	Rubber and plastics products, n.e.c.....	1.5	2.4	190.9	.8	190.9	.8	-	-	1	1
32	Stone, clay, and glass products.....	9.1	13.2	267.3	1.1	263.0	1.1	4.3	(Z)	5	1
33	Primary metal industries.....	23.6	55.1	840.1	3.9	125.0	.6	715.1	3.3	1	1
34	Fabricated metal products.....	1.5	2.9	14.8	.1	14.8	.1	-	-	8	7
35	Machinery, except electrical.....	.2	.4	.6	(Z)	.6	(Z)	-	-	6	1
36	Electrical equipment and supplies.....	.3	.6	5.1	(Z)	2.0	(Z)	3.1	(Z)	2	11
37	Transportation equipment.....	.9	1.6	31.9	.1	17.2	.1	14.7	.1	2	1
	Mississippi, total.....	37.0	46.4	740.5	3.2	477.9	2.3	262.6	.9	3	6
20	Food and kindred products.....	1.6	3.0	32.1	.2	25.1	.1	7.0	(Z)	10	7
22	Textile mill products.....	.4	.6	11.7	.1	7.3	(Z)	4.4	(Z)	1	1
23	Apparel, other textile products.....	.3	.5	1.3	(Z)	1.3	(Z)	-	-	4	1
24	Lumber and wood products.....	4.9	8.9	81.2	.3	69.9	.3	11.3	(Z)	17	63
25	Furniture and fixtures.....	.3	.5	-	-	-	-	-	-	6	(X)
26	Paper and allied products.....	8.6	9.4	480.7	2.1	324.0	1.6	156.7	.5	1	1
28	Chemicals and allied products.....	7.8	8.6	60.8	.2	20.8	.1	40.0	.1	1	1
32	Stone, clay, and glass products.....	3.7	5.2	27.8	.1	16.6	.1	11.2	(Z)	12	1
33	Primary metal industries.....	.5	.7	-	-	-	-	-	-	1	(X)
34	Fabricated metal products.....	.3	.6	.4	(Z)	.4	(Z)	-	-	11	1
35	Machinery, except electrical.....	.3	.5	9.1	(Z)	-	-	9.1	(Z)	4	1
36	Electrical equipment and supplies.....	.6	.9	20.0	.1	-	-	20.0	.1	3	1
37	Transportation equipment.....	.1	.1	-	-	-	-	-	-	18	(X)
39	Miscellaneous manufacturing industries.....	.2	.3	-	-	-	-	-	-	7	(X)

See footnotes at end of table.

TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued

Code	State and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not soecified by kind	Standard error of estimate (percent) ² for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N				
		Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O	Col. P		
	Kentucky, total.....	1,475.7	13.2	1,042.8	31.8	65.2	32.1	2.6	5.8	1	1
20	Food and kindred products.....	308.6	3.3	-	-	5.5	3.0	0.3	0.1	1	6
21	Tobacco manufactures.....	10.2	.1	-	-	1.6	.8	(Z)	.2	1	1
22	Textile mill products.....	.2	(Z)	-	-	.7	.4	-	(Z)	1	13
23	Apparel, other textile products.....	.4	(Z)	-	-	.7	.4	(Z)	.2	49	5
26	Paper and allied products.....	-	-	-	-	6.2	2.7	(Z)	.1	(X)	1
27	Printing and publishing.....	-	-	-	-	.7	.4	(Z)	.2	(X)	6
28	Chemicals and allied products.....	661.7	5.3	-	-	10.1	4.8	.4	.5	1	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	.6	.3	(Z)	.5	(X)	1
32	Stone, clay, and glass products.....	110.6	.8	-	-	4.4	2.4	.5	1.0	1	3
33	Primary metal industries.....	45.2	.4	995.8	30.7	18.8	8.1	.2	.4	1	1
34	Fabricated metal products.....	41.1	.4	(S)	.5	3.9	2.3	(Z)	.2	1	7
35	Machinery, except electrical.....	75.1	.7	(S)	.6	3.2	1.8	.1	.1	1	10
36	Electrical equipment and supplies.....	96.5	.8	-	-	2.7	1.6	.3	.5	1	1
37	Transportation equipment.....	19.5	.2	-	-	1.7	1.1	(Z)	.2	1	1
38	Instruments and related products.....	-	-	-	-	.1	(Z)	-	.2	(X)	1
39	Miscellaneous manufacturing industries.....	-	-	-	-	.3	.2	-	.1	(X)	12
	Tennessee, total.....	3,057.6	30.8	53.5	2.2	113.5	51.1	4.9	10.5	1	1
20	Food and kindred products.....	4.9	.1	-	-	10.0	4.2	.3	1.5	1	1
21	Tobacco manufactures.....	.3	(Z)	-	-	(Z)	(Z)	-	.1	1	1
22	Textile mill products.....	2.8	(Z)	-	-	4.8	2.4	.1	1.1	1	1
23	Apparel, other textile products.....	1.0	(Z)	-	-	1.0	.4	.1	1.1	1	1
24	Lumber and wood products.....	2.7	(Z)	-	-	.9	.4	.8	1.1	47	12
25	Furniture and fixtures.....	3.2	.1	-	-	.7	.3	.1	.3	1	10
26	Paper and allied products.....	221.8	2.1	-	-	7.3	3.1	.2	.2	1	1
27	Printing and publishing.....	-	-	-	-	.6	.3	.1	.5	(X)	6
28	Chemicals and allied products.....	2,378.7	24.5	-	-	40.9	16.8	.5	.6	1	1
29	Petroleum and coal products.....	-	-	-	-	1.6	.6	.1	.2	(X)	4
30	Rubber and plastics products, n.e.c.....	16.6	.2	-	-	4.1	1.6	-	.1	1	3
31	Leather and leather products.....	7.7	.1	-	-	.4	.2	(Z)	.3	1	1
32	Stone, clay, and glass products.....	391.1	3.3	(S)	(Z)	19.2	9.1	.6	.3	1	5
33	Primary metal industries.....	25.1	.3	35.0	1.4	9.8	5.2	.3	.5	1	7
34	Fabricated metal products.....	.7	(Z)	(S)	.4	3.3	1.8	.8	.7	1	2
35	Machinery, except electrical.....	-	-	(S)	.4	1.9	.8	.8	1.4	(X)	3
36	Electrical equipment and supplies.....	.3	(Z)	(S)	.1	4.3	2.2	.2	.1	1	1
37	Transportation equipment.....	-	-	-	-	1.8	1.1	(Z)	.2	(X)	1
38	Instruments and related products.....	-	-	-	-	.3	.1	-	(Z)	(X)	1
39	Miscellaneous manufacturing industries.....	.6	(Z)	-	-	.6	.4	(Z)	.3	75	17
	Alabama, total.....	1,914.5	17.6	962.1	28.1	157.6	61.5	7.9	9.2	3	1
20	Food and kindred products.....	.7	(Z)	-	-	2.9	1.5	.1	1.6	1	11
22	Textile mill products.....	58.0	.6	(S)	(Z)	6.6	2.9	.5	1.1	1	1
23	Apparel, other textile products.....	.2	(Z)	-	-	.6	.3	(Z)	.5	1	9
26	Paper and allied products.....	858.0	7.4	-	-	35.9	12.6	.3	-	7	4
27	Printing and publishing.....	-	-	-	-	.4	.2	(Z)	.2	(X)	1
28	Chemicals and allied products.....	600.5	5.1	-	-	33.4	10.9	.1	.7	1	1
29	Petroleum and coal products.....	-	-	-	-	2.4	1.0	-	.6	(X)	3
30	Rubber and plastics products, n.e.c.....	16.0	.2	-	-	2.5	1.0	-	.5	1	1
32	Stone, clay, and glass products.....	231.2	2.3	(S)	1.1	21.3	8.6	(Z)	(Z)	1	6
33	Primary metal industries.....	141.8	1.9	843.2	25.7	43.6	18.7	3.7	1.2	1	1
34	Fabricated metal products.....	5.2	(Z)	(S)	1.0	2.4	1.1	(Z)	.6	36	11
35	Machinery, except electrical.....	-	-	(S)	(Z)	.4	.2	(Z)	.2	(X)	5
36	Electrical equipment and supplies.....	-	-	-	-	.8	.4	.1	.1	(X)	3
37	Transportation equipment.....	2.7	(Z)	(S)	.2	1.2	.6	(Z)	.6	1	1
	Mississippi, total.....	1.4	(Z)	(S)	(Z)	106.6	35.3	2.4	5.6	1	1
20	Food and kindred products.....	1.1	(Z)	-	-	3.0	1.4	.5	.9	1	3
22	Textile mill products.....	-	-	-	-	1.1	.5	-	(Z)	(X)	1
23	Apparel, other textile products.....	.1	(Z)	-	-	.8	.3	(Z)	.1	1	4
24	Lumber and wood products.....	.2	(Z)	-	-	12.9	5.7	.7	2.2	1	3
25	Furniture and fixtures.....	-	-	-	-	.7	.4	.1	.1	(X)	5
26	Paper and allied products.....	-	-	-	-	25.6	7.2	(Z)	(Z)	(X)	1
28	Chemicals and allied products.....	-	-	-	-	25.1	8.3	(Z)	.1	(X)	1
32	Stone, clay, and glass products.....	-	-	-	-	9.7	3.7	.5	.9	(X)	11
33	Primary metal industries.....	-	-	(S)	(Z)	1.3	.5	-	.1	(X)	1
34	Fabricated metal products.....	-	-	-	-	.5	.3	(Z)	.4	(X)	1
35	Machinery, except electrical.....	-	-	-	-	.9	.4	(Z)	.1	(X)	1
36	Electrical equipment and supplies.....	-	-	-	-	1.5	.7	(Z)	.2	(X)	4
37	Transportation equipment.....	-	-	-	-	.2	.1	.1	(Z)	(X)	13
39	Miscellaneous manufacturing industires.....	-	-	-	-	.5	.3	(Z)	(Z)	(X)	7

See footnotes at end of table.

TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual		B	D
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H		
	Arkansas, total.....	40.9	50.7	1,930.3	7.2	338.2	1.4	1,592.1	5.8	2	1
20	Food and kindred products.....	3.0	3.7	7.7	(Z)	7.4	(Z)	0.3	(Z)	10	10
22	Textile mill products.....	.5	.7	4.6	(Z)	.5	(Z)	4.1	(Z)	4	1
24	Lumber and wood products.....	2.9	6.9	79.0	.4	76.6	.3	2.4	(Z)	11	31
26	Paper and allied products.....	10.4	12.1	582.9	2.5	134.8	.6	448.0	1.9	1	1
28	Chemicals and allied products.....	12.3	13.1	419.2	1.8	.3	(Z)	419.0	1.8	1	1
29	Petroleum and coal products.....	2.8	2.9	-	-	-	-	-	-	15	(X)
30	Rubber and plastics products, n.e.c.....	.5	.6	1.4	(Z)	1.4	(Z)	-	-	1	1
32	Stone, clay, and glass products.....	4.6	6.0	773.4	2.1	89.0	.3	684.4	1.9	18	1
33	Primary metal industries.....	1.9	1.9	29.5	.1	22.6	.1	6.9	(Z)	1	1
34	Fabricated metal products.....	.4	.8	-	-	-	-	-	-	10	(X)
	Louisiana, total.....	191.3	164.6	2,281.8	8.1	1,473.5	4.7	808.3	3.4	1	2
20	Food and kindred products.....	7.8	8.2	73.8	.3	70.2	.3	3.6	(Z)	6	58
24	Lumber and wood products.....	2.1	3.4	13.3	.1	13.3	.1	-	-	9	1
26	Paper and allied products.....	19.9	18.9	1,135.7	4.9	331.0	1.5	804.7	3.4	1	1
28	Chemicals and allied products.....	72.6	57.5	4.9	(Z)	4.9	(Z)	-	-	1	1
29	Petroleum and coal products.....	65.2	57.0	1,028.7	2.6	1,028.7	2.6	-	-	1	1
32	Stone, clay, and glass products.....	5.5	5.6	14.1	.1	14.1	.1	-	-	5	11
34	Fabricated metal products.....	.5	1.1	5.3	(Z)	5.3	(Z)	-	-	5	66
36	Electrical equipment and supplies.....	.3	.4	2.5	(Z)	2.5	(Z)	-	-	1	1
37	Transportation equipment.....	.4	.8	3.5	(Z)	3.5	(Z)	-	-	11	46
	Oklahoma, total.....	29.8	27.8	59.2	.2	31.9	.1	27.3	.1	1	6
20	Food and kindred products.....	1.4	1.7	13.7	(Z)	6.3	(Z)	7.3	(Z)	10	1
25	Furniture and fixtures.....	.1	.2	-	-	-	-	-	-	10	(X)
26	Paper and allied products.....	.5	.6	16.8	(Z)	.4	(Z)	16.4	(Z)	1	1
28	Chemicals and allied products.....	.7	.7	-	-	-	-	-	-	1	(X)
29	Petroleum and coal products.....	15.6	11.9	17.5	.1	17.5	.1	-	-	2	1
32	Stone, clay, and glass products.....	5.4	5.2	-	-	-	-	-	-	5	(X)
33	Primary metal industries.....	3.0	3.5	-	-	-	-	-	-	1	(X)
34	Fabricated metal products.....	.8	1.2	(Z)	-	(Z)	-	-	-	11	(X)
35	Machinery, except electrical.....	.6	.8	-	-	-	-	-	-	5	(X)
36	Electrical equipment and supplies.....	.2	.2	-	-	-	-	-	-	1	(X)
37	Transportation equipment.....	.4	.5	-	-	-	-	-	-	1	(X)
	Texas, total.....	501.6	437.6	2,507.2	8.1	690.2	2.8	1,817.1	5.4	1	3
20	Food and kindred products.....	10.4	12.1	98.5	.4	52.8	.2	45.7	.1	8	24
24	Lumber and wood products.....	2.2	3.8	3.4	(Z)	2.5	(Z)	.9	(Z)	12	8
25	Furniture and fixtures.....	.4	.7	.5	(Z)	-	-	.5	(Z)	21	1
26	Paper and allied products.....	10.0	9.1	96.9	.5	11.1	(Z)	85.8	.4	1	1
28	Chemicals and allied products.....	172.0	152.1	96.5	.4	.3	(Z)	96.2	.4	1	1
29	Petroleum and coal products.....	226.8	174.4	1,466.1	4.1	22.8	.1	1,443.3	4.0	1	1
30	Rubber and plastics products, n.e.c.....	1.1	1.3	-	-	-	-	-	-	5	(X)
32	Stone, clay, and glass products.....	25.7	22.5	304.8	1.2	289.2	1.1	15.7	.1	6	19
33	Primary metal industries.....	40.1	45.4	350.5	1.3	241.4	1.0	109.1	.3	1	1
34	Fabricated metal products.....	3.8	4.3	2.3	(Z)	2.3	(Z)	-	-	7	19
35	Machinery, except electrical.....	2.5	2.8	8.6	(Z)	7.5	(Z)	1.1	(Z)	6	71
36	Electrical equipment and supplies.....	1.3	1.7	5.3	(Z)	5.3	(Z)	-	-	13	1
37	Transportation equipment.....	2.4	3.0	38.2	.2	28.2	.1	10.0	(Z)	10	21
39	Miscellaneous manufacturing industries.....	1.2	1.5	26.3	.1	26.3	.1	-	-	2	1
	Montana, total.....	10.1	15.0	256.9	1.0	99.0	.5	157.8	.5	2	17
20	Food and kindred products.....	1.4	1.7	11.5	(Z)	11.5	(Z)	-	-	4	45
24	Lumber and wood products.....	.7	2.1	82.0	.5	82.0	.5	-	-	12	38
29	Petroleum and coal products.....	1.4	1.4	-	-	-	-	-	-	4	(X)
32	Stone, clay, and glass products.....	1.3	1.6	1.6	(Z)	1.6	(Z)	-	-	6	45
	Idaho, total.....	11.1	20.1	254.6	1.2	196.4	.9	58.2	.2	2	12
20	Food and kindred products.....	5.1	8.6	117.1	.6	90.5	.4	26.6	.1	2	5
24	Lumber and wood products.....	1.1	3.1	88.0	.4	67.2	.3	20.8	.1	8	17
28	Chemicals and allied products.....	1.3	1.9	2.3	(Z)	2.3	(Z)	-	-	1	1
	Wyoming, total.....	5.6	7.0	224.6	1.1	216.7	1.0	8.0	(Z)	26	86
20	Food and kindred products.....	.8	1.0	6.0	(Z)	6.0	(Z)	-	-	1	54
29	Petroleum and coal products.....	3.1	3.0	8.0	(Z)	-	-	8.0	(Z)	1	1

See footnotes at end of table.

TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued

Code	State and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(billion cu. ft.)	(million dollars)				
		Col. I	Col. J	Col. K	Col. L	Col. M	Col. N				
	Arkansas, total.....	2.7	(Z)	(S)	1.0	117.5	36.6	2.9	3.1	83	2
20	Food and kindred products.....	-	-	-	-	8.3	2.9	(S)	(S)	(X)	10
22	Textile mill products.....	-	-	-	-	1.5	0.7	-	-	(X)	
26	Paper and allied products.....	-	-	-	-	30.9	9.6	-	-	(X)	
28	Chemicals and allied products.....	-	-	-	-	37.6	10.9	(S)	(S)	(X)	1
29	Petroleum and coal products.....	-	-	-	-	10.3	2.9	-	-	(X)	13
30	Rubber and plastics products, n.e.c.....	-	-	-	-	1.4	.6	-	-	(X)	1
32	Stone, clay, and glass products.....	-	-	(S)	.8	10.8	3.1	-	-	(X)	17
33	Primary metal industries.....	-	-	(S)	.1	6.2	1.8	-	-	(X)	1
34	Fabricated metal products.....	-	-	-	-	.8	.4	(S)	(S)	(X)	3
	Louisiana, total.....	-	-	(S)	.2	599.0	137.3	13.2	5.8	(X)	1
20	Food and kindred products.....	-	-	-	-	22.2	5.9	.5	1.4	(X)	5
24	Lumber and wood products.....	-	-	-	-	5.0	1.5	.3	1.5	(X)	10
26	Paper and allied products.....	-	-	-	-	58.4	13.5	.4	(Z)	(X)	1
28	Chemicals and allied products.....	-	-	-	-	233.4	52.6	3.6	1.3	(X)	1
29	Petroleum and coal products.....	-	-	-	-	206.7	47.4	7.0	-	(X)	1
32	Stone, clay, and glass products.....	-	-	-	-	16.0	4.3	.5	.8	(X)	1
34	Fabricated metal products.....	-	-	-	-	.8	.3	.3	.5	(X)	8
36	Electrical equipment and supplies.....	-	-	-	-	.7	.3	.1	(Z)	(X)	1
37	Transportation equipment.....	-	-	-	-	.4	.1	.1	.5	(X)	2
	Oklahoma, total.....	37.8	.6	(S)	.5	91.3	22.9	1.0	2.5	1	2
20	Food and kindred products.....	-	-	-	-	4.4	1.5	.1	(Z)	(X)	25
25	Furniture and fixtures.....	-	-	-	-	(Z)	(Z)	-	.2	(X)	48
26	Paper and allied products.....	-	-	-	-	1.4	.4	.2	(Z)	(X)	1
28	Chemicals and allied products.....	-	-	-	-	1.6	.4	(Z)	.2	(X)	1
29	Petroleum and coal products.....	-	-	-	-	51.8	11.8	-	-	(X)	2
32	Stone, clay, and glass products.....	-	-	-	-	16.0	4.1	.5	.6	(X)	1
33	Primary metal industries.....	37.8	.6	(S)	.5	7.6	2.0	-	.3	1	1
34	Fabricated metal products.....	-	-	-	-	1.5	.5	(Z)	.7	(X)	22
35	Machinery, except electrical.....	-	-	-	-	1.4	.5	(Z)	.3	(X)	9
36	Electrical equipment and supplies.....	-	-	-	-	.5	.1	-	(Z)	(X)	1
37	Transportation equipment.....	-	-	-	-	1.0	.3	.1	.1	(X)	1
	Texas, total.....	1,134.5	13.3	366.6	10.3	1,565.2	368.3	26.1	11.4	1	1
20	Food and kindred products.....	-	-	-	-	28.6	7.9	1.8	2.1	(X)	7
24	Lumber and wood products.....	-	-	-	-	5.2	1.6	.6	1.6	(X)	1
25	Furniture and fixtures.....	-	-	-	-	1.1	.4	.1	.2	(X)	25
26	Paper and allied products.....	-	-	-	-	31.4	7.2	1.5	(Z)	(X)	1
28	Chemicals and allied products.....	-	-	-	-	555.4	136.2	14.2	1.4	(X)	1
29	Petroleum and coal products.....	-	-	-	-	733.9	164.7	5.1	.6	(X)	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	1.9	.6	(Z)	.7	(X)	8
32	Stone, clay, and glass products.....	-	-	(S)	.4	79.4	18.9	.6	1.4	(X)	6
33	Primary metal industries.....	1,134.5	13.3	356.6	9.8	93.6	20.6	.4	-	1	1
34	Fabricated metal products.....	-	-	-	-	11.5	3.2	.5	.5	(X)	15
35	Machinery, except electrical.....	-	-	-	-	7.2	2.2	.2	.5	(X)	4
36	Electrical equipment and supplies.....	-	-	-	-	3.4	.9	.3	.5	(X)	2
37	Transportation equipment.....	-	-	-	-	6.0	1.6	.5	.7	(X)	19
39	Miscellaneous manufacturing industries.....	-	-	-	-	2.8	.8	(Z)	.6	(X)	1
	Montana, total.....	37.4	.5	45.1	1.6	26.4	9.0	1.7	1.3	1	1
20	Food and kindred products.....	.4	(Z)	(S)	.1	3.8	1.2	(Z)	.3	1	3
24	Lumber and wood products.....	-	-	-	-	.9	.3	.8	.5	(X)	1
29	Petroleum and coal products.....	-	-	-	-	4.5	1.4	-	(Z)	(X)	4
32	Stone, clay, and glass products.....	-	-	-	-	3.7	1.3	-	.3	(X)	1
	Idaho, total.....	173.6	1.8	45.4	1.5	25.3	12.1	1.5	2.0	1	4
20	Food and kindred products.....	136.7	1.3	11.0	.4	10.9	5.3	.4	.6	1	4
24	Lumber and wood products.....	-	-	-	-	1.4	.6	1.1	1.0	(X)	9
28	Chemicals and allied products.....	-	-	-	-	3.2	1.6	-	.3	(X)	1
	Wyoming, total.....	66.9	.3	(S)	.1	13.7	3.5	1.6	.5	1	1
20	Food and kindred products.....	-	-	(S)	.1	2.6	.8	.1	(Z)	(X)	1
29	Petroleum and coal products.....	-	-	-	-	10.2	2.5	.5	-	(X)	1

See footnotes at end of table.

**TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued**

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Colorado, total.....	20.6	26.5	1,844.4	7.0	646.6	3.1	1,197.8	3.9	6	15
20	Food and kindred products.....	6.4	8.4	278.2	1.2	208.3	0.9	69.9	0.3	5	10
26	Paper and allied products.....	.2	.3	1.8	(Z)	.1	(Z)	1.6	(Z)	17	1
27	Printing and publishing.....	.2	.3	-	-	-	-	-	-	15	(X)
28	Chemicals and allied products.....	.9	.9	57.9	.2	.8	(Z)	57.1	.2	1	1
29	Petroleum and coal products.....	.8	1.1	30.6	.1	12.8	.1	17.8	.1	14	63
34	Fabricated metal products.....	.4	.7	3.1	(Z)	3.1	(Z)	-	-	10	34
35	Machinery, except electrical.....	.5	.7	16.9	.1	16.9	.1	-	-	4	1
36	Electrical equipment and supplies.....	.2	.3	-	-	-	-	-	-	6	(X)
37	Transportation equipment.....	.1	.2	-	-	-	-	-	-	6	(X)
	New Mexico, total.....	3.7	5.0	33.0	.1	17.2	.1	15.9	(Z)	8	28
	Arizona, total.....	13.0	20.3	171.2	.7	116.7	.5	54.5	.2	1	1
20	Food and kindred products.....	.9	1.6	11.4	(Z)	10.3	(Z)	1.1	(Z)	7	1
24	Lumber and wood products.....	.4	1.4	1.0	(Z)	1.0	(Z)	-	-	2	35
28	Chemicals and allied products.....	.3	.4	3.0	(Z)	3.0	(Z)	-	-	1	1
32	Stone, clay, and glass products.....	2.3	3.6	56.5	.2	7.1	(Z)	49.4	.2	5	1
33	Primary metal industries.....	7.0	9.8	97.0	.4	93.0	.4	4.0	(Z)	1	1
34	Fabricated metal products.....	.3	.5	-	-	-	-	-	-	9	(X)
35	Machinery, except electrical.....	.2	.6	-	-	-	-	-	-	4	(X)
36	Electrical equipment and supplies.....	.2	.3	1.0	(Z)	1.0	(Z)	-	-	6	1
	Utah, total.....	12.8	16.1	774.2	3.0	678.7	2.6	95.5	.4	2	1
20	Food and kindred products.....	1.1	1.5	13.0	.1	7.1	(Z)	5.9	(Z)	7	1
28	Chemicals and allied products.....	.3	.5	47.2	.2	45.4	.2	1.8	(Z)	2	1
29	Petroleum and coal products.....	1.1	1.3	-	-	-	-	-	-	9	(X)
32	Stone, clay, and glass products.....	2.1	2.4	63.4	.2	14.7	.1	48.7	.2	16	1
37	Transportation equipment.....	.3	.6	105.1	.3	105.1	.3	-	-	1	1
	Nevada, total.....	4.6	8.0	141.5	.8	121.5	.7	20.0	.1	10	4
28	Chemical and allied products.....	1.0	1.6	23.2	.1	8.2	(Z)	15.0	.1	1	1
32	Stone, clay, and glass products.....	2.3	3.9	61.6	.3	56.5	.3	5.0	(Z)	20	1
	Washington, total.....	41.8	75.5	5,543.3	20.7	1,971.1	8.6	3,572.1	12.1	1	3
20	Food and kindred products.....	4.7	8.5	350.1	1.4	227.4	.9	122.7	.5	5	6
24	Lumber and wood products.....	2.7	8.5	480.5	2.2	468.1	2.1	12.4	.1	7	22
26	Paper and allied products.....	17.3	29.9	3,622.1	12.5	803.1	3.5	2,819.1	9.1	1	1
28	Chemicals and allied products.....	3.9	5.8	193.6	.7	90.4	.4	103.2	.4	1	1
33	Primary metal industries.....	4.6	7.7	354.1	1.5	114.7	.6	239.4	1.0	3	4
34	Fabricated metal products.....	.3	.7	28.7	.1	4.6	(Z)	24.1	.1	9	57
35	Machinery, except electrical.....	.4	.7	59.2	.2	2.8	(Z)	56.4	.2	20	52
37	Transportation equipment.....	2.2	4.7	77.2	.3	55.6	.2	21.6	.1	4	45
	Oregon, total.....	25.8	55.7	3,177.1	12.3	1,111.0	5.3	2,066.1	7.0	2	6
20	Food and kindred products.....	3.2	5.5	154.3	.6	75.0	.4	79.2	.3	4	9
24	Lumber and wood products.....	8.1	23.4	793.5	3.6	596.7	2.9	196.8	.7	6	20
26	Paper and allied products.....	8.5	14.7	1,530.2	5.4	162.6	.7	1,367.7	4.7	1	1
28	Chemicals and allied products.....	1.2	1.8	302.3	.8	60.9	.2	241.4	.6	1	1
29	Petroleum and coal products.....	.5	.7	49.3	.2	8.6	.1	40.7	.2	12	17
35	Machinery, except electrical.....	.2	.5	28.1	.1	14.1	.1	14.0	(Z)	9	17
36	Electrical equipment and supplies.....	.3	.5	31.4	.1	.6	(Z)	30.8	.1	1	1
37	Transportation equipment.....	.1	.3	6.0	(Z)	4.0	(Z)	2.0	(Z)	1	3

See footnotes at end of table.

**TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued**

Code	State and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Colorado, total.....	275.8	2.4	(S)	1.5	40.8	12.6	1.6	1.5	1	3
20	Food and kindred products.....	121.2	0.9	(S)	.5	16.3	5.2	.6	-	1	7
26	Paper and allied products.....	-	-	-	-	.2	.1	(Z)	.2	(X)	14
27	Printing and publishing.....	-	-	-	-	.3	.1	-	.2	(X)	33
28	Chemicals and allied products.....	8.7	.1	-	-	1.9	.5	-	.1	1	2
29	Petroleum and coal products.....	-	-	-	-	2.1	.8	.1	.1	(X)	8
34	Fabricated metal products.....	-	-	-	-	1.1	.4	.1	.1	(X)	9
35	Machinery, except electrical.....	-	-	-	-	1.7	.6	(Z)	(Z)	(X)	4
36	Electrical equipment and supplies.....	-	-	-	-	.6	.2	-	.1	(X)	7
37	Transportation equipment.....	-	-	-	-	.1	.1	-	.1	(X)	15
	New Mexico, total.....	-	-	-	-	10.7	3.7	.6	.7	(X)	9
	Arizona, total.....	-	-	(S)	.1	37.6	16.4	.9	2.3	(X)	1
20	Food and kindred products.....	-	-	-	-	2.6	1.2	.1	.2	(X)	9
24	Lumber and wood products.....	-	-	-	-	.2	.1	.2	1.0	(X)	1
28	Chemicals and allied products.....	-	-	-	-	.7	.3	(Z)	.1	(X)	1
32	Stone, clay, and glass products.....	-	-	-	-	5.9	2.7	.1	.6	(X)	6
33	Primary metal industries.....	-	-	(S)	.1	22.3	9.2	(Z)	(Z)	(X)	1
34	Fabricated metal products.....	-	-	-	-	.7	.4	(Z)	.1	(X)	2
35	Machinery, except electrical.....	-	-	-	-	.5	.2	.4	.1	(X)	2
36	Electrical equipment and supplies.....	-	-	-	-	.6	.3	(Z)	(Z)	(X)	6
	Utah, total.....	123.8	1.1	(S)	2.0	31.0	8.6	.8	.6	1	4
20	Food and kindred products.....	34.4	.3	(S)	.1	2.0	.7	.1	.2	1	2
28	Chemicals and allied products.....	-	-	-	-	.7	.2	(Z)	.1	(X)	3
29	Petroleum and coal products.....	-	-	-	-	3.5	1.0	.3	(Z)	(X)	4
32	Stone, clay, and glass products.....	49.6	.4	(S)	.1	4.4	1.3	.1	.3	1	27
37	Transportation equipment.....	2.9	(Z)	-	-	.1	(Z)	(Z)	.2	1	1
	Nevada, total.....	99.3	1.2	(S)	.2	11.2	5.3	.5	.1	1	14
28	Chemicals and allied products.....	-	-	-	-	3.1	1.3	.2	.1	(X)	1
32	Stone, clay, and glass products.....	-	-	-	-	7.2	3.5	-	-	(X)	21
	Washington, total.....	92.7	1.2	(S)	.7	90.3	38.0	10.8	4.1	1	1
20	Food and kindred products.....	14.5	.2	(S)	.4	11.8	5.8	.3	.3	1	4
24	Lumber and wood products.....	-	-	-	-	1.7	.8	2.6	2.8	(X)	9
26	Paper and allied products.....	-	-	-	-	32.6	13.1	4.1	.2	(X)	1
28	Chemicals and allied products.....	30.8	.3	-	-	10.4	4.3	.3	.2	1	1
33	Primary metal industries.....	.2	(Z)	(S)	.1	12.1	5.3	.6	.2	1	4
34	Fabricated metal products.....	-	-	-	-	.7	.4	(Z)	.1	(X)	5
35	Machinery, except electrical.....	.7	(Z)	-	-	.5	.2	(Z)	.2	90	28
37	Transportation equipment.....	-	-	-	-	5.4	2.0	2.4	.1	(X)	1
	Oregon, total.....	32.2	.3	(S)	.7	43.3	21.8	8.6	12.0	1	1
20	Food and kindred products.....	31.9	.3	(S)	.1	5.5	2.8	.1	1.6	1	4
24	Lumber and wood products.....	.3	(Z)	-	-	10.3	5.6	6.3	7.9	66	4
26	Paper and allied products.....	-	-	-	-	18.2	8.6	.7	(Z)	(X)	3
28	Chemicals and allied products.....	-	-	-	-	1.1	.6	.1	.3	(X)	4
29	Petroleum and coal products.....	-	-	-	-	.6	.3	(Z)	.1	(X)	16
35	Machinery, except electrical.....	-	-	-	-	.3	.1	(Z)	.2	(X)	20
36	Electrical equipment and supplies.....	-	-	-	-	.5	.3	-	.1	(X)	1
37	Transportation equipment.....	-	-	-	-	.2	.1	(Z)	.1	(X)	1

See footnotes at end of table.

TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	California, total.....	172.9	277.5	4,403.6	17.3	3,093.8	12.6	1,309.8	4.7	1	8
20	Food and kindred products.....	27.3	44.6	573.1	2.1	338.4	1.3	234.7	0.8	2	6
22	Textile mill products.....	1.3	2.2	.2	(Z)	.2	(Z)	-	-	15	1
23	Apparel, other textile products.....	.5	1.1	123.3	.4	123.3	.4	-	-	15	90
24	Lumber and wood products.....	4.6	12.2	739.0	3.2	610.2	2.6	128.9	.5	11	41
25	Furniture and fixtures.....	.6	1.1	.1	-	.1	-	-	-	13	(X)
26	Paper and allied products.....	8.4	15.0	458.9	1.7	192.0	.8	266.9	.9	2	1
27	Printing and publishing.....	1.0	1.7	.3	(Z)	.3	(Z)	-	-	13	1
28	Chemicals and allied products.....	17.5	25.1	225.1	.9	189.0	.8	36.1	.1	1	1
29	Petroleum and coal products.....	44.0	58.9	185.5	.8	82.8	.4	102.7	.4	2	8
30	Rubber and plastics products, n.e.c.....	2.3	3.7	34.0	.1	28.5	.1	5.5	(Z)	5	1
32	Stone, clay, and glass products.....	31.5	47.2	767.5	2.6	384.6	1.2	382.9	1.4	2	4
33	Primary metal industries.....	14.3	26.8	1,019.4	4.2	917.8	3.8	101.6	.4	4	1
34	Fabricated metal products.....	6.0	12.3	67.6	.2	41.6	.2	26.0	.1	9	59
35	Machinery, except electrical.....	3.0	5.6	20.4	.1	16.8	.1	3.6	(Z)	12	4
36	Electrical equipment and supplies.....	3.1	5.9	14.3	.1	10.2	(Z)	4.1	(Z)	3	1
37	Transportation equipment.....	4.9	9.0	173.1	.8	156.3	.7	16.8	.1	2	1
38	Instruments and related products.....	.5	.7	.7	(Z)	.7	(Z)	-	-	5	1
39	Miscellaneous manufacturing industries.....	2.0	4.2	.9	(Z)	.9	(Z)	-	-	4	1
	Alaska, total.....	3.4	6.9	985.5	3.8	630.5	2.5	355.0	1.3	3	5
20	Food and kindred products.....	.5	1.4	243.3	1.1	222.1	1.0	21.3	.1	10	15
24	Lumber and wood products.....	.4	1.4	154.7	.7	154.7	.7	-	-	15	21
	Hawaii, total.....	2.7	6.2	1,024.1	4.4	203.8	.9	820.3	3.5	3	3
20	Food and kindred products.....	1.7	4.0	740.7	3.2	151.3	.7	583.4	2.5	2	1
32	Stone, clay, and glass products.....	1.0	1.8	248.3	1.0	51.3	.2	197.0	.8	9	15

Note: Detailed figures may not add to totals because of independent rounding and because totals include insignificant fuel costs (less than 0.3 percent of the total) undistributed by State. The totals shown for States include data for all component industry groups whether or not separate figures are shown for the individual industry groups that comprise the totals. (X) Not applicable.

- Represents zero. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. Unpublished estimates in this table, including those which can be derived by subtraction, should be considered

TABLE 4. Quantity and Cost of Purchased Fuels Used for Heat and Power
by State and Industry Group: 1971—Continued

Code	State and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	California, total.....	15.8	0.2	181.7	4.9	467.6	204.4	17.0	33.8	38	1
20	Food and kindred products.....	-	-	(S)	0.5	68.9	32.5	1.3	8.2	(X)	3
22	Textile mill products.....	-	-	-	-	2.1	1.1	-	1.1	(X)	1
23	Apparel, other textile products.....	-	-	-	-	.3	.2	.1	.4	(X)	18
24	Lumber and wood products.....	4.1	(Z)	-	-	5.2	2.4	2.4	4.2	1	6
25	Furniture and fixtures.....	-	-	-	-	1.0	.4	.1	.6	(X)	18
26	Paper and allied products.....	6.5	.1	-	-	22.9	10.9	2.0	.3	97	3
27	Printing and publishing.....	-	-	-	-	2.7	1.1	(Z)	.5	(X)	17
28	Chemicals and allied products.....	-	-	-	-	50.1	20.5	2.0	1.7	(X)	1
29	Petroleum and coal products.....	-	-	-	-	140.7	55.1	2.5	.5	(X)	2
30	Rubber and plastics products, n.e.c.....	-	-	-	-	6.7	3.3	.1	.3	(X)	5
32	Stone, clay, and glass products.....	.8	(Z)	(S)	.5	88.6	37.9	2.3	3.9	92	2
33	Primary metal industries.....	3.4	(Z)	130.0	4.0	34.7	16.7	.4	1.5	94	2
34	Fabricated metal products.....	-	-	-	-	13.5	7.1	1.6	3.3	(X)	6
35	Machinery, except electrical.....	1.0	(Z)	-	-	5.3	2.6	.4	2.5	1	14
36	Electrical equipment and supplies.....	-	-	-	-	7.1	3.7	.4	1.7	(X)	10
37	Transportation equipment.....	-	-	-	-	12.0	6.2	.5	1.5	(X)	1
38	Instruments and related products.....	-	-	-	-	1.0	.4	(Z)	.3	(X)	6
39	Miscellaneous manufacturing industries.....	-	-	-	-	4.3	2.2	.8	1.2	(X)	11
	Alaska, total.....	-	-	-	-	3.9	1.7	.8	.6	(X)	2
20	Food and kindred products.....	-	-	-	-	.1	.1	.2	.1	(X)	29
24	Lumber and wood products.....	-	-	-	-	-	-	.5	.2	(X)	(X)
	Hawaii, total.....	-	-	-	-	.1	(Z)	.6	1.1	(X)	1
20	Food and kindred products.....	-	-	-	-	.1	(Z)	.3	.4	(X)	1
32	Stone, clay, and glass products.....	-	-	-	-	-	-	.1	.7	(X)	(X)

generally unreliable. (Z) For costs, represents less than \$50 thousand; for kilowatt-hour equivalents and quantity of natural gas, represents less than 50 million units; for quantity of fuel oil, coal, and coke, represents less than 50 units.

¹A description of the standard error of estimate is given in the text. The percentage standard errors shown for columns B, D, J, and N are the approximate relative standard errors of the estimates of level.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971**

Code	Standard metropolitan statistical area and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Akron, Ohio										
	All industries, total.....	17.9	25.3	374.0	1.5	303.6	1.3	70.4	0.2	2	19
28	Chemicals and allied products.....	7.4	9.3	59.6	.2	17.2	.1	42.3	.1	1	49
30	Rubber and plastics products, n.e.c.....	6.9	8.7	122.4	.4	122.4	.4	-	-	1	9
34	Fabricated metal products.....	1.1	1.9	.5	(Z)	.5	(Z)	-	-	3	56
35	Machinery, except electrical.....	.4	.9	.9	(Z)	.9	(Z)	-	-	6	1
	Albany, Ga.										
	All industries, total.....	.9	1.5	75.4	.4	21.4	.1	54.0	.3	10	12
	Albany-Schenectady-Troy, N.Y.										
	All industries, total.....	6.9	17.3	2,468.2	9.1	1,369.2	5.0	1,099.1	4.1	3	5
20	Food and kindred products.....	.5	.9	89.5	.4	27.9	.1	61.6	.2	15	35
22	Textile mill products.....	.3	.6	96.6	.4	38.8	.2	57.8	.2	3	5
26	Paper and allied products.....	2.4	4.7	1,347.4	4.5	759.4	2.3	588.0	2.2	10	10
28	Chemicals and allied products.....	1.3	2.9	510.7	1.9	151.2	.6	359.5	1.4	1	1
33	Primary metal industries.....	.6	1.6	106.1	.5	106.1	.5	-	-	1	1
	Allentown-Bethlehem-Easton, Pa.-N.J.										
	All industries, total.....	16.4	35.4	3,255.5	14.9	1,276.9	5.9	1,978.6	9.1	4	7
20	Food and kindred products.....	.5	1.3	172.3	.9	117.6	.7	54.7	.3	15	21
23	Apparel, other textile products.....	.2	.5	43.1	.2	34.6	.1	8.5	(Z)	18	28
26	Paper and allied products.....	.4	.8	132.1	.6	78.9	.3	53.3	.3	1	1
28	Chemicals and allied products.....	1.0	2.7	489.6	2.2	338.7	1.6	150.9	.6	13	15
32	Stone, clay, and glass products.....	6.9	12.4	157.2	.6	65.9	.3	91.3	.4	13	10
34	Fabricated metal products.....	.4	1.1	92.6	.4	71.4	.3	21.1	.1	6	8
35	Machinery, except electrical.....	.3	.7	102.9	.5	43.4	.2	59.6	.3	14	18
36	Electrical equipment and supplies.....	.3	.7	62.1	.3	21.4	.1	40.7	.2	1	1
	Altoona, Pa.										
	All industries, total.....	2.4	4.3	154.3	.7	134.6	.6	19.7	.1	7	16
	Amarillo, Tex.										
	All industries, total.....	2.9	2.6	.2	(Z)	.2	(Z)	-	-	16	1
	Anaheim-Santa Ana-Garden Grove, Calif.										
	All industries, total.....	5.2	8.9	175.5	.6	166.7	.6	8.8	(Z)	8	62
20	Food and kindred products.....	1.2	1.8	20.5	.1	12.1	(Z)	8.4	(Z)	3	1
26	Paper and allied products.....	.2	.3	4.8	(Z)	4.8	(Z)	-	-	1	1
34	Fabricated metal products.....	.5	1.0	17.7	.1	17.6	.1	.1	-	15	1
	Anderson, Ind.										
	All industries, total.....	2.6	4.5	20.6	.1	15.6	.1	5.0	(Z)	2	8
	Ann Arbor, Mich.										
	All industries, total.....	2.1	4.0	54.8	.2	21.0	.1	33.8	.1	4	51
	Asheville, N.C.										
	All industries, total.....	3.0	5.8	235.2	.9	26.6	.1	208.7	.8	3	1
	Atlanta, Ga.										
	All industries, total.....	8.7	16.6	400.1	1.7	277.9	1.2	122.2	.4	5	14
25	Furniture and fixtures.....	.1	.2	-	-	-	-	-	-	14	(X)
26	Paper and allied products.....	.6	1.2	30.3	.2	29.8	.1	.5	(Z)	15	1
27	Printing and publishing.....	.3	.4	-	-	-	-	-	-	15	(X)
28	Chemicals and allied products.....	.5	.8	46.4	.1	16.2	.1	30.2	.1	19	69
32	Stone, clay, and glass products.....	1.9	3.2	27.8	.1	27.8	.1	-	-	5	16
33	Primary metal industries.....	.9	1.6	49.8	.2	49.8	.2	-	-	6	1
34	Fabricated metal products.....	.3	.7	3.6	(Z)	3.6	(Z)	-	-	9	18
36	Electrical equipment and supplies.....	.1	.3	-	-	-	-	-	-	1	(X)
	Atlantic City, N.J.										
	All industries, total.....	.4	1.0	83.6	.4	71.0	.4	12.7	.1	10	21

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N				
	Akron, Ohio										
	All industries, total.....	1,734.7	14.1	(S)	.8	9.0	5.8	2.1	1.0	1	2
28	Chemicals and allied products.....	879.6	7.0	(S)	.6	.5	.3	1.1	(Z)	1	1
30	Rubber and plastics products, n.e.c.....	747.8	6.1	-	-	2.4	1.5	.4	.2	1	5
34	Fabricated metal products.....	41.9	.3	-	-	2.2	1.4	(Z)	.2	1	4
35	Machinery, except electrical.....	-	-	-	-	.9	.6	(Z)	.2	(X)	5
	Albany, Ga.										
	All industries, total.....	-	-	-	-	1.7	.7	.1	.3	(X)	1
	Albany-Schenectady-Troy, N.Y.										
	All industries, total.....	17.2	.3	-	-	3.4	2.6	4.2	1.1	1	7
20	Food and kindred products.....	-	-	-	-	.2	.2	-	.4	(X)	30
22	Textile mill products.....	-	-	-	-	.1	.1	-	.2	(X)	1
26	Paper and allied products.....	.3	(Z)	-	-	.2	.2	-	-	1	1
28	Chemicals and allied products.....	16.9	.2	-	-	.4	.4	.3	.1	1	1
33	Primary metal industries.....	-	-	-	-	.9	.8	.2	.1	(X)	1
	Allentown-Bethlehem-Easton, Pa.-N.J.										
	All industries, total.....	1,049.0	13.7	(S)	1.4	6.8	4.6	.2	.6	11	3
20	Food and kindred products.....	.3	(Z)	-	-	.2	.1	-	.3	1	26
23	Apparel, other textile products.....	.3	(Z)	-	-	.1	.1	(Z)	.2	70	1
26	Paper and allied products.....	-	-	-	-	.4	.2	(Z)	.1	(X)	1
28	Chemicals and allied products.....	19.2	.3	-	-	.3	.2	(Z)	-	1	21
32	Stone, clay, and glass products.....	868.7	11.2	(S)	.5	.1	.1	-	-	13	11
34	Fabricated metal products.....	.6	(Z)	(S)	.1	.6	.5	.1	.1	1	10
35	Machinery, except electrical.....	.1	(Z)	-	-	.2	.1	(Z)	.1	1	1
36	Electrical equipment and supplies.....	-	-	-	-	.5	.3	-	(Z)	(X)	1
	Altoona, Pa.										
	All industries, total.....	161.9	1.6	-	-	2.7	1.7	.1	.2	1	17
	Amarillo, Tex.										
	All industries, total.....	21.1	.4	(S)	.2	7.7	1.5	(Z)	.5	1	1
	Anaheim-Santa Ana-Garden Grove, Calif.										
	All industries, total.....	-	-	(S)	.8	13.1	5.9	.5	1.0	(X)	6
20	Food and kindred products.....	-	-	-	-	3.6	1.5	(Z)	.2	(X)	4
26	Paper and allied products.....	-	-	-	-	.6	.3	(Z)	(Z)	(X)	1
34	Fabricated metal products.....	-	-	-	-	.5	.3	(Z)	.7	(X)	1
	Anderson, Ind.										
	All industries, total.....	146.9	1.5	(S)	.6	3.9	2.0	(Z)	.2	1	4
	Ann Arbor, Mich.										
	All industries, total.....	55.5	.8	(S)	(Z)	4.0	2.4	(Z)	.5	1	7
	Asheville, N.C.										
	All industries, total.....	193.7	2.9	-	-	2.0	1.1	(Z)	.8	1	1
	Atlanta, Ga.										
	All industries, total.....	23.8	.3	(S)	.1	19.1	9.8	1.8	2.9	1	4
25	Furniture and fixtures.....	-	-	-	-	.2	.1	(Z)	.1	(X)	10
26	Paper and allied products.....	-	-	-	-	1.6	.8	.1	.1	(X)	18
27	Printing and publishing.....	-	-	-	-	.6	.2	(Z)	.2	(X)	22
28	Chemicals and allied products.....	-	-	-	-	.5	.3	.1	.2	(X)	10
32	Stone, clay, and glass products.....	15.5	.2	-	-	4.0	2.0	.3	.6	1	2
33	Primary metal industries.....	-	-	(S)	.1	1.9	1.0	-	.3	(X)	1
34	Fabricated metal products.....	-	-	-	-	.8	.5	(Z)	.2	(X)	11
36	Electrical equipment and supplies.....	-	-	-	-	.3	.2	-	(Z)	(X)	1
	Atlantic City, N.J.										
	All industries, total.....	.4	(Z)	-	-	.4	.3	(Z)	.3	95	1

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Augusta, Ga.-S.C.										
	All industries, total.....	11.1	23.0	489.4	2.0	308.5	1.3	180.9	.7	3	4
	Baltimore, Md.										
	All industries, total.....	27.4	57.1	7,679.1	30.7	1,338.5	6.3	6,340.5	24.4	1	1
20	Food and kindred products.....	2.9	6.1	562.2	2.6	125.3	.5	436.8	2.2	4	5
23	Apparel, other textile products.....	.2	.5	19.5	.1	17.2	.1	2.3	(Z)	8	49
25	Furniture and fixtures.....	.2	.4	32.8	.2	32.8	.2	-	-	3	1
26	Paper and allied products.....	.9	2.0	176.0	.8	62.2	.3	113.8	.5	2	1
27	Printing and publishing.....	.2	.5	10.8	.1	10.6	.1	.2	(Z)	11	8
28	Chemicals and allied products.....	4.7	8.6	1,006.1	4.2	133.9	.7	872.2	3.5	1	3
32	Stone, clay, and glass products.....	3.1	5.8	1,048.0	3.6	100.4	.5	947.6	3.1	3	1
33	Primary metal industries.....	11.1	23.7	3,891.4	15.3	519.6	2.5	3,371.8	12.9	1	1
34	Fabricated metal products.....	.9	1.8	55.2	.2	41.8	.2	13.4	(Z)	3	1
35	Machinery, except electrical.....	.6	1.4	80.1	.4	8.2	(Z)	72.0	.3	13	4
36	Electrical equipment and supplies.....	.6	1.2	47.6	.2	42.2	.2	5.4	(Z)	3	1
37	Transportation equipment.....	1.1	2.5	396.9	1.5	113.5	.6	283.4	.9	3	1
	Baton Rouge, La.										
	All industries, total.....	38.4	34.0	47.9	.2	3.4	(Z)	44.5	.2	1	1
	Bay City, Mich.										
	All industries, total.....	1.8	3.5	28.7	.1	6.4	(Z)	22.3	.1	2	6
	Beaumont-Port Arthur-Orange, Tex.										
	All industries, total.....	100.0	78.8	9.8	(Z)	.6	(Z)	9.2	(Z)	1	1
	Billings, Mont.										
	All industries, total.....	1.9	2.2	2.7	(Z)	2.7	(Z)	-	-	4	38
	Biloxi-Gulport, Miss.										
	All industries, total.....	.5	.7	-	-	-	-	-	-	5	(X)
	Binghamton, N.Y.-Pa.										
	All industries, total.....	2.2	4.4	505.1	1.8	437.1	1.5	68.0	.3	3	3
36	Electrical equipment and supplies.....	.8	1.6	369.9	1.2	339.1	1.1	30.8	.1	1	1
	Birmingham, Ala.										
	All industries, total.....	24.5	51.0	891.7	4.1	183.7	.8	708.0	3.3	1	1
20	Food and kindred products.....	.4	.8	7.1	(Z)	6.6	(Z)	.6	(Z)	4	6
27	Printing and publishing.....	.2	.3	-	-	-	-	-	-	4	(X)
33	Primary metal industries.....	17.4	39.3	767.1	3.5	70.3	.3	696.8	3.2	1	1
34	Fabricated metal products.....	.9	1.7	11.7	(Z)	11.7	(Z)	-	-	6	6
37	Transportation equipment.....	.2	.3	13.2	.1	13.2	.1	-	-	9	1
	Bloomington-Normal, Ill.										
	All industries, total.....	.5	.9	23.7	.1	6.8	(Z)	16.9	.1	4	1
	Boston, Mass.										
	All industries, total.....	14.4	33.0	4,079.8	18.0	1,724.5	7.9	2,355.3	10.1	4	6
20	Food and kindred products.....	2.4	5.1	766.2	3.4	178.9	.9	587.3	2.5	7	9
22	Textile mill products.....	.5	1.1	133.7	.6	89.3	.4	44.5	.2	9	4
23	Apparel, other textile products.....	.1	.3	10.8	.1	10.8	.1	-	-	37	46
26	Paper and allied products.....	1.2	2.6	507.9	2.2	264.3	1.1	243.6	1.1	4	5
27	Printing and publishing.....	.7	1.6	64.5	.3	15.9	.1	48.6	.2	7	22
28	Chemicals and allied products.....	1.7	3.4	597.6	2.5	298.1	1.2	299.5	1.2	6	9
30	Rubber and plastics products, n.e.c.....	.8	1.9	199.3	.9	87.4	.4	111.9	.5	4	6
31	Leather and leather products.....	.8	1.7	206.2	.9	58.8	.2	147.4	.6	9	8
35	Machinery, except electrical.....	.9	2.0	238.5	1.0	78.1	.3	160.4	.7	17	6
36	Electrical equipment and supplies.....	1.0	2.5	248.3	1.1	87.8	.4	160.5	.7	6	6
37	Transportation equipment.....	.9	2.4	260.2	1.1	10.8	.1	249.4	1.1	4	1
38	Instruments and related products.....	.3	.6	57.7	.2	10.6	.1	47.1	.2	21	8

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N			Col. O	Col. P
	Augusta, Ga.—S.C.										
	All industries, total.....	654.7	8.8	-	-	12.6	5.9	5.1	1.1	1	9
	Baltimore, Md.										
	All industries, total.....	24.9	.4	42.1	1.5	31.3	17.5	2.3	4.8	1	1
20	Food and kindred products.....	7.1	.1	-	-	3.7	2.1	.2	1.0	1	5
23	Apparel, other textile products.....	-	-	-	-	.1	.1	(Z)	.3	(X)	2
25	Furniture and fixtures.....	.1	(Z)	-	-	.2	.1	-	.1	1	1
26	Paper and allied products.....	.3	(Z)	-	-	1.5	.8	.3	.1	1	5
27	Printing and publishing.....	-	-	-	-	.3	.1	.1	.2	(X)	15
28	Chemicals and allied products.....	17.5	.3	-	-	5.8	3.1	(Z)	1.0	1	1
32	Stone, clay, and glass products.....	-	-	-	-	3.1	1.8	.1	.3	(X)	1
33	Primary metal industries.....	-	-	37.3	1.4	11.4	6.5	.3	.3	(X)	1
34	Fabricated metal products.....	-	-	-	-	2.1	1.3	(Z)	.3	(X)	4
35	Machinery, except electrical.....	-	-	(S)	.2	.4	.3	.1	.5	(X)	11
36	Electrical equipment and supplies.....	-	-	-	-	1.6	.9	.1	(Z)	(X)	1
37	Transportation equipment.....	-	-	(S)	(Z)	.4	.2	.7	.2	(X)	10
	Baton Rouge, La.										
	All industries, total.....	-	-	(S)	.2	124.6	30.0	3.6	-	(X)	1
	Bay City, Mich.										
	All industries, total.....	94.7	1.2	(S)	.1	2.6	1.5	.3	.3	1	3
	Beaumont, Port Arthur-Orange, Tex.										
	All industries, total.....	-	-	-	-	328.6	76.7	1.9	.1	(X)	1
	Billings, Mont.										
	All industries, total.....	.4	(Z)	(S)	.1	6.0	1.9	(Z)	.1	1	4
	Biloxi-Gulfport, Miss.										
	All industries, total.....	-	-	-	-	1.4	.5	(Z)	.2	(X)	4
	Binghamton, N.Y.—Pa.										
36	All industries, total.....	87.8	1.1	(S)	(Z)	1.0	.7	.5	.3	1	15
	Electrical equipment and supplies.....	-	-	-	-	.5	.3	.1	(Z)	(X)	1
	Birmingham, Ala.										
20	All industries, total.....	334.4	3.5	862.9	23.1	42.5	18.1	1.0	1.3	1	1
27	Food and kindred products.....	.5	(Z)	-	-	.7	.4	(Z)	.3	1	6
27	Printing and publishing.....	-	-	-	-	.4	.2	.1	-	(X)	1
33	Primary metal industries.....	107.7	1.2	770.3	21.2	28.6	11.8	.9	.7	1	1
34	Fabricated metal products.....	5.2	(Z)	(S)	.8	1.6	.7	(Z)	.2	36	14
37	Transportation equipment.....	2.6	(Z)	-	-	.3	.1	-	(Z)	1	1
	Bloomington-Normal, Ill.										
	All industries, total.....	12.0	.1	-	-	.9	.5	(Z)	.1	(X)	4
	Boston, Mass.										
20	All industries, total.....	4.0	(Z)	-	-	8.9	6.1	1.8	7.2	81	4
22	Food and kindred products.....	-	-	-	-	1.7	.8	.2	.8	(X)	10
22	Textile mill products.....	-	-	-	-	.1	.2	.1	.3	(X)	15
23	Apparel, other textile products.....	-	-	-	-	.1	(Z)	(Z)	.2	(X)	71
26	Paper and allied products.....	-	-	-	-	.3	.1	.1	.3	(X)	1
27	Printing and publishing.....	-	-	-	-	.5	.3	.1	.9	(X)	23
28	Chemicals and allied products.....	-	-	-	-	.6	.3	.2	.4	(X)	16
30	Rubber and plastics products, n.e.c.....	-	-	-	-	.1	.2	.3	.4	(X)	21
31	Leather and leather products.....	-	-	-	-	.1	.1	.1	.6	(X)	58
35	Machinery, except electrical.....	-	-	-	-	.7	.5	.1	.4	(X)	38
36	Electrical equipment and supplies.....	-	-	-	-	1.2	1.0	.2	.2	(X)	14
37	Transportation equipment.....	-	-	-	-	.9	.9	.2	.2	(X)	1
38	Instruments and related products.....	-	-	-	-	.6	.3	(Z)	.6	(X)	8

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Bridgeport, Conn.										
	All industries, total.....	3.9	9.6	1,336.0	5.6	300.3	1.4	1,035.7	4.2	2	1
33	Primary metal industries.....	1.1	2.9	175.1	.8	22.2	.1	152.9	.7	7	8
34	Fabricated metal products.....	.3	.8	61.5	.3	28.3	.1	33.2	.1	7	9
35	Machinery, except electrical.....	.2	.4	69.1	.3	38.8	.2	30.3	.1	12	14
36	Electrical equipment and supplies.....	.2	.6	68.2	.3	37.0	.1	31.3	.2	1	1
38	Instruments and related products.....	.2	.2	193.6	.6	12.0	.1	181.6	.5	18	1
	Brockton, Mass.										
	All industries, total.....	.8	1.6	128.2	.6	93.5	.4	34.7	.2	18	22
	Buffalo, N.Y.										
	All industries, total.....	24.7	59.6	2,881.5	12.6	915.1	4.2	1,966.4	8.4	1	1
20	Food and kindred products.....	1.3	2.9	54.3	.3	21.9	.1	32.5	.2	19	1
26	Paper and allied products.....	1.4	2.5	59.3	.3	33.9	.2	25.4	.1	1	1
27	Printing and publishing.....	.2	.5	39.8	.2	31.2	.1	8.6	(Z)	1	1
28	Chemicals and allied products.....	3.7	6.7	672.3	2.8	172.5	.8	499.7	2.0	1	1
30	Rubber and plastics products, n.e.c.....	1.0	2.2	206.9	.7	93.8	.4	113.1	.3	1	1
32	Stone, clay, and glass products.....	1.5	2.8	103.1	.4	38.6	.2	64.5	.3	6	10
33	Primary metal industries.....	10.5	30.4	1,136.0	5.2	247.2	1.1	888.9	4.1	1	2
34	Fabricated metal products.....	1.0	2.3	174.9	.7	18.4	.1	156.5	.7	7	1
35	Machinery, except electrical.....	.7	1.5	29.2	.1	14.2	.1	15.0	(Z)	12	15
36	Electrical equipment and supplies.....	1.1	2.5	51.9	.2	29.2	.1	22.6	.1	1	1
37	Transportation equipment.....	2.2	4.6	316.0	1.4	192.2	.9	123.8	.5	1	1
	Canton, Ohio										
	All industries, total.....	14.4	27.7	451.1	2.1	134.4	.6	316.7	1.4	1	3
30	Rubber and plastics products, nec.....	.3	.5	57.4	.2	1.0	(Z)	56.4	.2	1	1
32	Stone, clay, and glass products, n.e.c....	1.8	2.4	4.6	(Z)	4.6	(Z)	-	-	2	1
33	Primary metal industries.....	9.8	19.4	345.9	1.7	99.2	.5	246.7	1.2	1	3
34	Fabricated metal products.....	.6	1.2	(Z)	-	(Z)	-	-	-	8	(X)
35	Machinery, except electrical.....	.6	1.6	5.0	(Z)	5.0	(Z)	-	-	3	1
	Cedar Rapids, Iowa										
	All industries, total.....	2.0	4.5	170.8	.8	165.9	.8	4.9	(Z)	2	1
	Champaign-Urbana, Ill.										
	All industries, total.....	.9	1.4	43.0	.2	9.8	(Z)	33.2	.2	1	1
	Charleston, S.C.										
	All industries, total.....	4.2	7.4	1,903.4	5.4	1,876.9	5.3	26.6	.1	4	1
	Charleston, W. Va.										
	All industries, total.....	16.0	20.0	1.3	(Z)	1.3	(Z)	-	-	1	80
	Charlotte, N.C.										
	All industries, total.....	2.9	5.5	178.2	.8	96.2	.4	82.0	.4	7	15
20	Food and kindred products.....	.5	1.0	53.2	.2	43.7	.2	9.5	(Z)	5	22
22	Textile mill products.....	.3	.6	29.6	.1	18.0	.1	11.7	(Z)	10	1
	Chattanooga, Tenn.-Ga.										
	All industries, total.....	10.5	18.8	409.6	1.7	133.6	.6	276.0	1.2	1	1
20	Food and kindred products.....	.4	.8	15.3	.1	(Z)	-	15.3	.1	4	1
22	Textile mill products.....	1.8	3.5	156.1	.8	7.5	(Z)	148.6	.8	1	1
28	Chemicals and allied products.....	3.8	5.8	49.3	.2	20.4	.1	28.9	.1	1	1
33	Primary metal industries.....	.5	1.7	8.4	(Z)	8.4	(Z)	-	-	1	1
34	Fabricated metal products.....	.8	2.0	33.6	.1	20.3	.1	13.3	(Z)	10	1

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	M
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Bridgeport, Conn.										
	All industries, total.....	-	-	(S)	(Z)	2.9	2.5	.9	.7	(X)	3
33	Primary metal industries.....	-	-	-	-	1.8	1.5	.5	.2	(X)	4
34	Fabricated metal products.....	-	-	-	-	.1	.1	.2	.2	(X)	33
35	Machinery, except electrical.....	-	-	2.6	(Z)	.2	.1	-	(Z)	(X)	5
36	Electrical equipment and supplies.....	-	-	-	-	.2	.2	.2	-	(X)	1
38	Instruments and related products.....	-	-	-	-	.1	(Z)	-	-.4	(X)	1
	Brockton, Mass.										
	All industries, total.....	11.4	.2	-	-	.4	.2	.1	.6	38	18
	Buffalo, N.Y.										
	All industries, total.....	566.3	6.9	513.2	13.7	29.7	21.1	2.1	3.2	1	2
20	Food and kindred products.....	1.4	(Z)	-	-	2.0	1.5	.3	.8	1	26
26	Paper and allied products.....	115.0	1.6	-	-	.5	.3	.1	.2	1	1
27	Printing and publishing.....	-	-	-	-	.3	.2	.1	-	(X)	1
28	Chemicals and allied products.....	249.7	2.8	-	-	1.5	1.0	(Z)	.1	1	13
30	Rubber and plastics products, n.e.c.....	-	-	-	-	2.1	1.4	-	(Z)	(X)	1
32	Stone, clay, and glass products.....	43.2	.5	(S)	.1	1.2	.8	.3	.6	1	9
33	Primary metal industries.....	36.9	.4	481.9	13.2	13.7	10.1	1.2	.2	1	1
34	Fabricated metal products.....	2.9	(Z)	(S)	.3	1.2	.8	(Z)	.4	1	15
35	Machinery, except electrical.....	1.2	(Z)	(S)	.2	1.6	1.0	(Z)	.2	1	17
36	Electrical equipment and supplies.....	-	-	-	-	2.5	1.9	-	.4	(X)	1
37	Transportation equipment.....	109.7	1.5	-	-	2.2	1.6	.1	.2	1	3
	Canton, Ohio										
	All industries, total.....	322.3	2.7	(S)	2.9	25.5	15.5	2.4	2.1	1	1
30	Rubber and plastics products, n.e.c.....	14.3	.2	-	-	.3	.2	-	(Z)	1	1
32	Stone, clay, and glass products.....	74.4	.5	-	-	1.4	.8	-	1.1	1	7
33	Primary metal industries.....	176.8	1.5	(S)	2.9	18.5	11.0	1.5	.7	1	1
34	Fabricated metal products.....	11.6	.1	-	-	1.3	.9	-	.3	1	10
35	Machinery, except electrical.....	3.8	(Z)	-	-	1.6	.9	.5	(Z)	1	5
	Cedar Rapids, Iowa										
	All industries, total.....	45.6	.5	-	-	3.6	2.1	.8	.2	1	3
	Champaign-Urbana, Ill.										
	All industries, total.....	.1	(Z)	-	-	2.3	1.0	(Z)	.1	1	1
	Charleston, S.C.										
	All industries, total.....	-	-	-	-	1.3	.8	.4	.8	(X)	1
	Charleston, W. Va.										
	All industries, total.....	1,790.8	16.4	(S)	(Z)	6.3	2.8	.2	.6	1	1
	Charlotte, N.C.										
	All industries, total.....	7.5	.1	(S)	.2	4.4	2.6	.3	1.5	1	11
20	Food and kindred products.....	3.9	.1	-	-	.7	.4	.1	.2	1	12
22	Textile mill products.....	3.6	.1	-	-	.4	.2	(Z)	.2	1	25
	Chattanooga, Tenn.-Ga.										
	All industries, total.....	261.6	2.2	(S)	1.2	18.8	9.5	1.3	2.9	1	1
20	Food and kindred products.....	-	-	-	-	1.3	.7	-	.1	(X)	5
22	Textile mill products.....	17.1	.2	-	-	2.3	1.2	.4	1.0	1	1
28	Chemicals and allied products.....	62.0	.6	-	-	10.6	5.0	(Z)	(Z)	1	1
33	Primary metal industries.....	-	-	(S)	.9	.8	.6	(Z)	.2	(X)	1
34	Fabricated metal products.....	.7	(Z)	(S)	.3	1.7	.8	.6	.1	1	1

See footnotes at end of table.

TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Chicago, Ill.										
	All industries, total.....	100.7	211.8	7,260.1	32.7	4,187.1	19.1	3,073.0	13.6	1	1
20	Food and kindred products.....	11.7	22.8	931.5	4.5	323.7	1.6	607.7	2.8	2	2
26	Paper and allied products.....	3.9	7.2	344.0	1.5	204.8	1.0	139.2	.5	1	1
27	Printing and publishing.....	2.5	5.3	213.5	.9	185.2	.8	28.3	.1	3	4
28	Chemicals and allied products.....	11.3	19.9	966.6	4.3	509.7	2.2	456.9	2.1	2	1
29	Petroleum and coal products.....	2.7	4.5	155.3	.7	95.8	.4	59.5	.2	2	1
30	Rubber and plastics products, n.e.c.....	1.5	2.6	106.3	.5	59.5	.3	46.8	.2	6	10
31	Leather and leather products.....	.4	.8	60.3	.3	25.7	.1	34.6	.2	12	7
32	Stone, clay, and glass products.....	6.3	11.4	279.0	1.0	140.3	.6	138.6	.4	5	8
33	Primary metal industries.....	38.4	90.2	2,353.3	10.9	1,518.0	6.7	835.3	4.1	1	1
34	Fabricated metal products.....	6.8	15.2	402.2	1.7	238.1	1.1	164.1	.6	6	7
35	Machinery, except electrical.....	5.0	10.3	371.4	1.8	205.9	1.0	165.5	.8	2	5
36	Electrical equipment and supplies.....	4.2	8.8	366.9	1.5	171.0	.8	195.9	.8	2	4
37	Transportation equipment.....	1.6	3.5	284.7	1.4	230.8	1.2	53.9	.2	2	1
38	Instruments and related products.....	1.1	2.2	109.7	.4	90.6	.4	19.1	.1	4	27
39	Miscellaneous manufacturing industries.....	.9	1.9	119.9	.5	96.9	.4	23.0	.1	15	8
	Cincinnati, Ohio-Ky.-Ind.										
	All industries, total.....	16.4	30.2	528.6	2.3	333.1	1.6	195.5	.7	1	2
20	Food and kindred products.....	2.1	3.5	54.6	.2	38.5	.2	16.1	.1	3	1
26	Paper and allied products.....	2.4	4.4	15.6	.1	13.8	.1	1.8	(Z)	4	1
27	Printing and publishing.....	.4	.6	.4	(Z)	-	-	.4	(Z)	11	1
28	Chemicals and allied products.....	4.0	7.5	277.5	1.3	224.6	1.1	52.9	.2	2	1
30	Rubber and plastics products, n.e.c.....	.4	.9	3.2	(Z)	1.4	(Z)	1.8	(Z)	6	1
33	Primary metal industries.....	1.1	2.0	29.9	.1	16.7	.1	13.2	(Z)	10	42
35	Machinery, except electrical.....	1.0	2.6	6.4	(Z)	5.2	(Z)	1.2	(Z)	1	1
36	Electrical equipment and supplies.....	.3	.5	1.2	(Z)	1.2	(Z)	-	-	1	1
37	Transportation equipment.....	1.3	3.0	4.5	(Z)	4.5	(Z)	-	-	1	1
39	Miscellaneous manufacturing industries.....	.2	.4	4.3	(Z)	.6	(Z)	3.6	(Z)	7	1
	Cleveland, Ohio										
	All industries, total.....	42.5	94.1	719.5	3.3	560.2	2.6	159.2	.7	1	7
20	Food and kindred products.....	1.1	2.2	4.9	(Z)	2.0	(Z)	2.9	(Z)	15	36
23	Apparel, other textile products.....	.1	.3	-	-	-	-	-	-	12	(X)
25	Furniture and fixtures.....	.1	.3	-	-	-	-	-	-	8	(X)
26	Paper and allied products.....	.5	.8	17.2	.1	6.8	(Z)	10.4	(Z)	12	1
27	Printing and publishing.....	.3	.8	5.6	(Z)	5.6	(Z)	-	-	15	70
28	Chemicals and allied products.....	9.4	17.5	181.8	.9	105.2	.5	72.7	.3	1	1
30	Rubber and plastics products, n.e.c.....	.6	1.0	10.0	.1	9.6	.1	.4	(Z)	6	31
32	Stone, clay, and glass products.....	2.4	4.7	110.2	.5	110.2	.5	-	-	19	51
33	Primary metal industries.....	20.4	51.8	282.3	1.3	248.2	1.2	34.2	.1	1	3
34	Fabricated metal products.....	1.8	3.8	19.7	.1	18.3	.1	1.3	(Z)	5	1
35	Machinery, except electrical.....	1.7	3.4	21.1	.1	10.2	.1	10.9	(Z)	4	14
36	Electrical equipment and supplies.....	.8	1.7	11.9	.1	10.0	(Z)	1.8	(Z)	2	1
37	Transportation equipment.....	2.1	3.8	33.7	.2	9.1	(Z)	24.6	.1	5	5
	Columbia, S.C.										
	All industries, total.....	1.6	2.9	167.0	.7	139.9	.6	27.1	.1	10	30
	Columbus, Ga.-Ala.										
	All industries, total.....	3.4	4.4	117.6	.5	97.9	.4	19.7	.1	1	1
	Columbus, Ohio										
	All industries, total.....	9.2	16.7	94.5	.5	82.3	.4	12.1	(Z)	3	4
20	Food and kindred products.....	1.1	2.0	11.7	.1	11.7	.1	-	-	7	7
30	Rubber and plastics products, n.e.c.....	.3	.5	-	-	-	-	-	-	1	(X)
32	Stone, clay, and glass products.....	1.8	3.4	2.8	(Z)	2.8	(Z)	-	-	12	1
33	Primary metal industries.....	1.2	2.7	2.0	(Z)	-	-	2.0	(Z)	6	1
34	Fabricated metal products.....	.7	1.3	7.1	(Z)	7.1	(Z)	-	-	6	1
35	Machinery, except electrical.....	.7	1.3	12.4	(Z)	4.3	(Z)	8.0	(Z)	8	28
36	Electrical equipment and supplies.....	.8	1.2	.1	-	.1	-	-	-	1	(X)
37	Transportation equipment.....	.5	.7	.9	(Z)	-	-	.9	(Z)	3	1
	Corpus Christi, Tex.										
	All industries, total.....	37.2	23.0	10.3	(Z)	10.3	(Z)	-	-	1	59

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(billion cu. ft.)	(million dollars)	(million dollars)	(million dollars)		
		Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O	Col. P		
Chicago, Ill.											
	All industries, total.....	1,083.6	13.5	1,929.9	46.8	165.8	89.2	6.7	22.9	1	1
20	Food and kindred products.....	254.0	3.3	-	-	18.1	9.8	1.2	3.9	1	1
26	Paper and allied products.....	45.3	.6	-	-	6.8	3.7	.2	1.2	5	2
27	Printing and publishing.....	-	-	-	-	5.4	3.0	(Z)	1.4	(X)	4
28	Chemicals and allied products.....	215.7	2.3	(S)	.1	17.5	9.4	1.1	2.6	1	1
29	Petroleum and coal products.....	2.3	(Z)	-	-	6.8	3.6	(Z)	.3	1	2
30	Rubber and plastics products, n.e.c.....	-	-	-	-	2.1	1.2	.1	.9	(X)	6
31	Leather and leather products.....	-	-	-	-	.9	.5	-	.1	(X)	11
32	Stone, clay, and glass products.....	306.4	3.7	(S)	(Z)	9.3	5.2	.7	.8	1	6
33	Primary metal industries.....	31.9	.4	1,926.3	46.7	59.7	28.7	2.1	1.5	1	1
34	Fabricated metal products.....	42.1	.7	(S)	(Z)	13.1	8.4	.4	4.0	1	6
35	Machinery, except electrical.....	64.1	.7	(S)	(Z)	8.4	5.0	.3	2.6	7	5
36	Electrical equipment and supplies.....	30.6	.4	(S)	(Z)	10.4	6.2	.4	.3	1	4
37	Transportation equipment.....	50.4	.8	-	-	1.5	.9	(Z)	.4	1	5
38	Instruments and related products.....	.2	(Z)	-	-	1.8	1.1	(Z)	.7	86	10
39	Miscellaneous manufacturing industries....	7.9	.1	-	-	1.2	.7	(Z)	.6	1	.4
Cincinnati, Ohio-Ky.-Ind.											
	All industries, total.....	804.3	10.4	(S)	1.0	24.9	13.0	1.8	1.7	2	2
20	Food and kindred products.....	158.0	1.7	(S)	.1	3.0	1.5	-	-	1	1
26	Paper and allied products.....	230.7	2.8	(S)	.3	2.6	1.3	-	-	7	1
27	Printing and publishing.....	12.4	.2	-	-	.9	.2	-	.1	1	11
28	Chemicals and allied products.....	240.9	3.3	(S)	(Z)	5.0	2.7	(Z)	.2	1	1
30	Rubber and plastics products, n.e.c.....	24.3	.4	-	-	.5	.4	-	.1	1	14
33	Primary metal industries.....	.2	(Z)	(S)	(Z)	2.4	1.2	.1	.5	1	9
35	Machinery, except electrical.....	6.5	.1	(S)	.1	1.8	.9	1.1	.4	13	2
36	Electrical equipment and supplies.....	2.6	(Z)	-	-	.5	.3	(Z)	.1	1	1
37	Transportation equipment.....	104.6	1.4	(S)	.5	1.4	1.0	.1	-	1	15
39	Miscellaneous manufacturing industries....	3.1	(Z)	-	-	.4	.2	(Z)	.1	1	1
Cleveland, Ohio											
	All industries, total.....	1,374.0	14.5	1,064.8	26.7	62.1	38.5	7.0	4.0	2	2
20	Food and kindred products.....	2.7	(Z)	-	-	2.0	1.3	.2	.7	21	23
23	Apparel, other textile products.....	-	-	-	-	.1	.1	-	.2	(X)	5
25	Furniture and fixtures.....	.8	(Z)	-	-	.4	.3	(Z)	(Z)	1	5
26	Paper and allied products.....	14.1	.1	-	-	.5	.3	(Z)	.3	1	1
27	Printing and publishing.....	-	-	-	-	.4	.3	.2	.2	(X)	12
28	Chemicals and allied products.....	794.2	8.8	67.6	2.5	5.7	3.5	1.3	.6	1	6
30	Rubber and plastics products, n.e.c.....	29.6	.3	-	-	.7	.4	(Z)	.2	1	6
32	Stone, clay, and glass products.....	55.4	.5	(S)	.1	5.0	3.0	.4	.2	65	19
33	Primary metal industries.....	245.5	2.3	989.3	24.1	31.5	19.0	4.9	.2	1	3
34	Fabricated metal products.....	37.9	.5	(S)	.1	3.9	2.7	(Z)	.5	1	7
35	Machinery, except electrical.....	30.9	.3	-	-	4.2	2.7	(Z)	.4	1	5
36	Electrical equipment and supplies.....	12.4	.1	-	-	1.9	1.3	(Z)	.2	1	2
37	Transportation equipment.....	121.1	1.3	-	-	3.7	2.2	(Z)	(Z)	1	9
Columbia, S.C.											
	All industries, total.....	.1	(Z)	-	-	3.4	1.7	.1	.5	1	3
Columbus, Ga.-Ala.											
	All industries, total.....	19.0	.1	(S)	.1	9.0	3.2	(Z)	.5	1	1
Columbus, Ohio											
	All industries, total.....	244.6	2.6	26.9	.9	17.0	9.4	.7	2.6	1	5
20	Food and kindred products.....	29.7	.3	-	-	1.8	1.1	.1	.5	1	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	.9	.5	-	.1	(X)	1
32	Stone, clay, and glass products.....	-	-	-	-	5.8	3.1	.3	-	(X)	13
33	Primary metal industries.....	54.6	.8	(S)	.8	2.0	1.0	(Z)	.1	1	18
34	Fabricated metal products.....	32.3	.3	-	-	.8	.5	(Z)	.4	1	17
35	Machinery, except electrical.....	12.8	.1	(S)	.1	1.7	1.0	.1	(Z)	1	7
36	Electrical equipment and supplies.....	42.6	.4	-	-	1.5	.8	(Z)	(Z)	1	1
37	Transportation equipment.....	19.3	.1	-	-	1.0	.5	-	(Z)	1	5
Corpus Christi, Tex.											
	All industries, total.....	-	-	-	-	123.5	22.9	.1	-	(X)	1

See footnotes at end of table.

TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued

Code	Standard metropolitan statistical area and industry group	Kilowatt-hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Dallas, Tex.										
	All industries, total.....	9.4	10.2	60.6	.3	58.0	.2	2.5	(Z)	4	8
20	Food and kindred products.....	.8	1.0	20.5	.1	17.9	.1	2.5	(Z)	11	1
26	Paper and allied products.....	.5	.5	-	-	-	-	-	-	2	(X)
28	Chemicals and allied products.....	.7	.7	.3	(Z)	.3	(Z)	-	-	10	1
32	Stone, clay, and glass products.....	3.8	3.2	27.5	.1	27.5	.1	-	-	10	1
35	Machinery, except electrical.....	.3	.4	6.8	(Z)	6.8	(Z)	-	-	14	92
36	Electrical equipment and supplies.....	.7	.8	5.2	(Z)	5.2	(Z)	-	-	2	1
37	Transportation equipment.....	.6	.9	-	-	-	-	-	-	1	(X)
	Davenport-Rock Island-Moline, Iowa-Ill.										
	All industries, total.....	7.7	14.1	102.8	.6	48.6	.3	54.2	.3	2	35
20	Food and kindred products.....	2.0	3.2	12.7	.1	12.7	.1	-	-	2	1
33	Primary metal industries.....	1.8	4.3	47.3	.2	2.2	(Z)	45.2	.2	6	83
35	Machinery, except electrical.....	2.2	3.9	35.4	.2	28.8	.2	6.6	(Z)	1	1
	Dayton, Ohio										
	All industries, total.....	11.2	22.4	118.0	.5	99.4	.4	18.5	.1	3	36
20	Food and kindred products.....	.4	.8	-	-	-	-	-	-	3	(X)
26	Paper and allied products.....	1.7	2.7	3.2	(Z)	.4	(Z)	2.8	(Z)	3	1
27	Printing and publishing.....	.3	.8	.6	(Z)	.6	(Z)	-	-	1	1
30	Rubber and plastics products, n.e.c.....	1.1	2.4	-	-	-	-	-	-	1	(X)
33	Primary metal industries.....	.7	2.2	3.6	(Z)	3.6	(Z)	-	-	1	1
34	Fabricated metal products.....	.2	.3	-	-	-	-	-	-	13	(X)
35	Machinery, except electrical.....	3.1	6.2	4.1	(Z)	2.8	(Z)	1.3	(Z)	1	54
36	Electrical equipment and supplies.....	.5	1.4	3.7	(Z)	1.2	(Z)	2.5	(Z)	1	1
37	Transportation equipment.....	.5	1.2	2.5	(Z)	1.0	(Z)	1.5	(Z)	1	1
	Decatur, Ill.										
	All industries, total.....	6.4	9.0	150.6	.5	13.8	.1	136.8	.4	1	1
	Denver, Colo.										
	All industries, total.....	9.0	11.7	609.4	2.8	471.4	2.2	137.9	.6	13	38
20	Food and kindred products.....	2.4	3.1	104.7	.4	99.0	.4	5.7	(Z)	8	30
27	Printing and publishing.....	.1	.2	-	-	-	-	-	-	15	(X)
34	Fabricated metal products.....	.3	.5	3.1	(Z)	3.1	(Z)	-	-	11	34
35	Machinery, except electrical.....	.4	.5	16.9	.1	16.9	.1	-	-	6	1
	Des Moines, Iowa										
	All industries, total.....	3.9	5.7	121.6	.5	45.0	.2	76.5	.3	4	4
	Detroit, Mich.										
	All industries, total.....	63.7	141.8	1,525.1	5.7	1,050.0	3.9	475.1	1.9	1	1
20	Food and kindred products.....	2.1	4.7	171.4	.7	125.0	.5	46.4	.2	9	1
23	Apparel, other textile products.....	.2	.6	1.4	(Z)	1.4	(Z)	-	-	3	1
26	Paper and allied products.....	1.1	1.8	76.3	.3	12.3	.1	64.1	.2	2	3
27	Printing and publishing.....	.4	.9	7.7	(Z)	7.7	(Z)	-	-	10	67
28	Chemicals and allied products.....	5.7	15.6	40.0	.2	40.0	.2	-	-	1	1
30	Rubber and plastics products, n.e.c.....	1.0	1.8	25.3	.1	25.3	.1	-	-	4	1
32	Stone, clay, and glass products.....	3.7	7.1	33.3	.2	28.9	.1	4.4	(Z)	4	4
33	Primary metal industries.....	23.3	52.9	585.9	1.8	570.9	1.7	14.9	.1	1	3
34	Fabricated metal products.....	4.1	10.2	69.2	.3	33.1	.2	36.1	.1	4	4
35	Machinery, except electrical.....	4.2	8.2	142.2	.6	80.7	.3	61.5	.2	8	9
37	Transportation equipment.....	14.8	33.0	332.8	1.4	99.7	.4	233.1	1.0	1	1
39	Miscellaneous manufacturing industries.....	.2	.4	-	-	-	-	-	-	8	(X)
	Dubuque, Iowa										
	All industries, total.....	1.7	2.8	51.7	.2	16.5	.1	35.2	.2	3	1
	Duluth-Superior, Minn.-Wis.										
	All industries, total.....	3.5	6.6	614.8	2.5	47.7	.2	567.1	2.3	5	1
	Durham, N.C.										
	All industries, total.....	.8	1.7	84.1	.4	42.3	.2	41.8	.2	4	13

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Dallas, Tex.										
	All industries, total.....	-	-	(S)	.1	27.0	7.4	.7	1.8	(X)	2
20	Food and kindred products.....	-	-	-	-	2.5	.8	.1	(Z)	(X)	7
26	Paper and allied products.....	-	-	-	-	1.4	.4	.1	(Z)	(X)	1
28	Chemicals and allied products.....	-	-	-	-	1.7	.5	(Z)	.2	(X)	5
32	Stone, clay, and glass products.....	-	-	-	-	13.1	3.1	-	-	(X)	1
35	Machinery, except electrical.....	-	-	-	-	.9	.3	(Z)	.1	(X)	10
36	Electrical equipment and supplies.....	-	-	-	-	2.1	.5	.2	.1	(X)	2
37	Transportation equipment.....	-	-	-	-	1.3	.4	.2	.3	(X)	1
	Davenport-Rock Island-Moline, Iowa-Ill.										
	All industries, total.....	236.2	2.5	(S)	.5	15.3	8.7	.7	1.3	1	2
20	Food and kindred products.....	34.2	.3	-	-	5.3	2.6	-	.2	1	3
33	Primary metal industries.....	5.6	.1	(S)	.3	4.8	3.0	.7	(Z)	1	6
35	Machinery, except electrical.....	85.2	.8	(S)	.2	3.7	2.2	(Z)	.6	1	1
	Dayton, Ohio										
	All industries, total.....	619.0	7.4	53.1	1.6	15.1	9.3	2.0	1.6	1	2
20	Food and kindred products.....	7.3	.1	-	-	.7	.4	-	.3	1	7
26	Paper and allied products.....	73.9	1.2	(S)	.5	2.2	.8	(Z)	.2	1	11
27	Printing and publishing.....	-	-	-	-	1.0	.7	.1	(Z)	(X)	1
30	Rubber and plastics products, n.e.c.....	41.3	.6	-	-	2.6	1.7	.1	(Z)	1	1
33	Primary metal industries.....	-	-	(S)	1.1	.7	.5	(Z)	.4	(X)	4
34	Fabricated metal products.....	-	-	-	-	.3	.1	(Z)	.2	(X)	8
35	Machinery, except electrical.....	195.9	2.2	-	-	4.1	2.7	.8	.4	1	1
36	Electrical equipment and supplies.....	7.4	.1	-	-	1.2	.7	.6	(Z)	1	1
37	Transportation equipment.....	19.0	.3	-	-	1.2	.8	.1	(Z)	1	1
	Decatur, Ill.										
	All industries, total.....	436.3	4.1	15.5	.5	8.0	3.5	.1	.4	1	3
	Denver, Colo.										
	All industries, total.....	52.2	.4	(S)	.2	23.1	6.8	.9	.6	1	4
20	Food and kindred products.....	52.1	.4	(S)	.1	5.4	1.5	.5	.1	1	9
27	Printing and publishing.....	-	-	-	-	.2	.1	-	.1	(X)	40
34	Fabricated metal products.....	-	-	-	-	.8	.3	.1	.1	(X)	2
35	Machinery, except electrical.....	-	-	-	-	1.3	.4	(Z)	(Z)	(X)	5
	Des Moines, Iowa										
	All industries, total.....	59.4	.8	(S)	.1	10.3	4.0	.1	.3	1	3
	Detroit, Mich.										
	All industries, total.....	1,870.7	25.0	(S)	1.5	110.0	63.5	35.1	10.9	1	1
20	Food and kindred products.....	5.8	.1	-	-	2.6	1.8	.7	1.4	1	13
23	Apparel, other textile products.....	18.1	.3	-	-	.3	.2	(Z)	(Z)	1	9
26	Paper and allied products.....	-	-	(S)	(Z)	2.5	1.3	(Z)	.2	(X)	3
27	Printing and publishing.....	-	-	-	-	1.3	.6	.3	-	(X)	36
28	Chemicals and allied products.....	222.1	1.8	(S)	.3	4.0	2.1	10.4	.8	1	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	2.5	1.4	(Z)	.3	(X)	7
32	Stone, clay, and glass products.....	140.6	1.8	-	-	6.3	3.9	.5	.7	1	4
33	Primary metal industries.....	638.9	9.0	(S)	.1	45.9	26.1	14.4	1.6	1	1
34	Fabricated metal products.....	91.4	1.3	(Z)	(Z)	7.4	5.0	2.0	1.5	1	8
35	Machinery, except electrical.....	20.5	.3	-	-	7.5	3.7	1.0	2.6	4	5
37	Transportation equipment.....	725.7	10.3	(S)	1.2	22.9	14.0	5.7	.5	1	1
39	Miscellaneous manufacturing industries.....	7.0	.1	-	-	.3	.2	(Z)	.2	1	12
	Dubuque, Iowa.										
	All industries, total.....	68.4	.5	(S)	.5	3.8	1.5	.1	-	1	1
	Duluth-Superior, Minn.-Wis.										
	All industries, total.....	70.9	1.1	(S)	.1	3.3	1.6	.2	1.2	1	11
	Durham, N.C.										
	All industries, total.....	44.7	.7	-	-	.3	.2	.1	.3	1	22

See footnotes at end of table.

TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	El Paso, Tex.										
	All industries, total.....	4.9	7.1	12.1	(Z)	3.2	(Z)	8.9	(Z)	4	59
	Erie, Pa.										
	All industries, total.....	5.3	9.2	159.0	.6	88.9	.4	70.1	.3	2	1
33	Primary metal industries.....	1.4	2.9	74.3	.3	10.6	.1	63.7	.2	4	1
34	Fabricated metal products.....	.3	.6	—	—	—	—	—	—	4	(X)
35	Machinery, except electrical.....	.2	.5	1.5	(Z)	—	—	1.5	(Z)	12	1
36	Electrical equipment and supplies.....	.4	.6	—	—	—	—	—	—	2	(X)
	Eugene, Oreg.										
	All industries, total.....	1.9	4.7	135.8	.6	77.3	.4	58.5	.2	7	24
	Evansville, Ind.-Ky.										
	All industries, total.....	3.8	5.6	14.5	.1	8.5	(Z)	6.0	(Z)	2	1
	Fall River, Mass.-R.I.										
	All industries, total.....	1.5	3.1	221.0	1.0	33.6	.2	187.5	.8	12	15
	Fargo-Moorhead, N.D.-Minn.										
	All industries, total.....	1.2	1.6	43.8	.2	39.3	.2	4.6	(Z)	5	6
	Fayetteville, N.C.										
	All industries, total.....	1.3	2.1	265.1	.8	14.9	.1	250.1	.7	1	1
	Fitchburg-Leominster, Mass.										
	All industries, total.....	2.0	4.5	357.7	1.6	59.2	.3	298.5	1.3	3	2
	Flint, Mich.										
	All industries, total.....	5.2	10.8	56.3	.2	19.5	.1	36.8	.2	2	8
	Fort Smith, Ark.-Okla.										
	All industries, total.....	1.6	2.0	3.6	(Z)	—	—	3.6	(Z)	4	75
	Fort Wayne, Ind.										
	All industries, total.....	3.2	5.6	86.9	.4	62.6	.3	24.3	.1	1	3
	Fort Worth, Tex.										
	All industries, total.....	5.3	5.6	23.4	.1	17.0	.1	6.4	(Z)	8	2
20	Food and kindred products.....	.7	.9	.3	(Z)	.3	(Z)	—	—	11	1
34	Fabricated metal products.....	.2	.3	—	—	—	—	—	—	7	(X)
37	Transportation equipment.....	.9	1.0	2.6	(Z)	1.9	(Z)	.8	(Z)	2	14
	Fresno, Calif.										
	All industries, total.....	3.8	5.8	69.8	.2	5.1	(Z)	64.8	.2	6	1
	Galveston-Texas City, Tex.										
	All industries, total.....	47.3	33.3	75.4	.3	75.4	.3	—	—	1	53
	Gary-Hammond-East Chicago, Ind.										
	All industries, total.....	62.0	115.6	7,047.7	27.8	2,226.2	10.0	4,821.4	17.8	1	1
28	Chemicals and allied products.....	4.8	7.5	83.5	.4	—	—	83.5	.4	1	1
33	Primary metal industries.....	43.7	78.8	4,851.3	19.2	2,018.1	9.0	2,833.3	10.2	1	1
34	Fabricated metal products.....	.9	1.2	17.5	.1	17.5	.1	—	—	1	1
37	Transportation equipment.....	.3	.8	49.4	.2	37.3	.2	12.0	.1	1	1

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	El Paso, Tex.										
	All industries, total.....	37.3	.5	41.2	1.1	12.5	4.6	(Z)	.8	1	1
	Erie, Pa.										
	All industries, total.....	407.8	3.8	(S)	.2	5.7	4.0	.2	.4	1	4
33	Primary metal industries.....	37.1	.4	(S)	.2	2.9	2.0	(Z)	(Z)	1	5
34	Fabricated metal products.....	1.2	(Z)	-	-	.4	.3	-	.2	95	6
35	Machinery, except electrical.....	.4	(Z)	-	-	.5	.4	.1	.1	1	12
36	Electrical equipment and supplies.....	38.7	.3	-	-	.2	.2	(Z)	.1	1	1
	Eugene, Oreg.										
	All industries, total.....	-	-	-	-	4.1	2.7	.6	.8	(X)	3
	Evansville, Ind.-Ky										
	All industries, total.....	91.6	.7	-	-	8.6	3.9	.4	.6	1	2
	Fall River, Mass.-R.I.										
	All industries, total.....	-	-	-	-	.4	.3	.2	1.6	(X)	11
	Fargo-Moorhead, N.D.-Minn.										
	All industries, total.....	51.8	.4	(S)	.3	.5	.2	-	.5	1	14
	Fayetteville, N.C.										
	All industries, total.....	-	-	-	-	1.6	.8	(Z)	.5	(X)	1
	Fitchburg-Leominster, Mass.										
	All industries, total.....	-	-	-	-	1.8	1.7	(Z)	1.1	(X)	2
	Flint, Mich.										
	All industries, total.....	374.4	5.9	-	-	5.6	3.3	.8	.6	1	6
	Fort Smith, Ark.-Okla.										
	All industries, total.....	-	-	-	-	4.3	1.3	(Z)	.5	(X)	1
	Fort Wayne, Ind.										
	All industries, total.....	138.9	1.4	-	-	6.4	3.7	.2	(Z)	1	1
	Fort Worth, Tex.										
	All industries, total.....	-	-	-	-	14.5	3.8	.1	1.5	(X)	9
20	Food and kindred products.....	-	-	-	-	1.2	.4	(Z)	.6	(X)	3
34	Fabricated metal products.....	-	-	-	-	.5	.2	(Z)	.1	(X)	12
37	Transportation equipment.....	-	-	-	-	2.2	.6	(Z)	.4	(X)	14
	Fresno, Calif.										
	All industries, total.....	-	-	-	-	11.4	5.0	.4	.2	(X)	7
	Galveston-Texas City, Tex.										
	All industries, total.....	-	-	-	-	154.1	32.6	-	.4	(X)	1
	Gary-Hammond-East Chicago, Ind.										
	All industries, total.....	975.1	9.1	227.5	5.6	122.9	59.3	13.0	.9	1	1
28	Chemicals and allied products.....	163.9	1.7	(S)	.1	10.2	5.0	-	.3	1	1
33	Primary metal industries.....	584.7	5.0	213.4	5.3	92.6	44.4	4.8	.1	1	1
34	Fabricated metal products.....	.1	(Z)	(Z)	(Z)	2.4	.8	(Z)	.2	1	1
37	Transportation equipment.....	-	-	-	-	.8	.5	-	(Z)	(X)	1

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Grand Rapids, Mich.										
	All industries, total.....	5.2	10.4	177.3	.7	95.6	.4	81.7	.3	4	3
20	Food and kindred products.....	.4	.8	13.5	.1	11.3	(Z)	2.2	(Z)	12	1
23	Apparel, other textile products.....	.1	.1	2.5	(Z)	2.5	(Z)	-	-	1	1
25	Furniture and fixtures.....	.5	1.0	28.9	.1	6.9	(Z)	22.0	.1	5	1
33	Primary metal industries.....	.9	1.6	3.7	(Z)	3.0	(Z)	.7	(Z)	20	1
34	Fabricated metal products.....	.8	1.8	23.2	.1	20.2	.1	3.1	(Z)	5	7
35	Machinery, except electrical.....	.3	.6	18.3	.1	14.0	.1	4.3	(Z)	11	1
36	Electrical equipment and supplies.....	.4	.9	.7	(Z)	-	-	.7	(Z)	2	1
37	Transportation equipment.....	.2	.5	11.6	(Z)	5.4	(Z)	6.2	(Z)	19	7
	Green Bay, Wisc.										
	All industries, total.....	6.5	10.7	205.1	.7	130.9	.3	74.2	.3	3	1
	Greensboro-Winston-Salem-High Point, N.C.										
	All industries, total.....	5.1	11.7	477.3	2.3	293.6	1.4	183.7	.9	6	3
20	Food and kindred products.....	.5	1.1	97.7	.5	37.6	.2	60.1	.3	4	5
22	Textile mill products.....	1.7	3.8	225.4	1.1	144.6	.7	80.8	.4	5	5
25	Furniture and fixtures.....	.2	.5	12.1	.1	6.3	(Z)	5.8	(Z)	16	31
35	Machinery, except electrical.....	.1	.3	12.9	.1	8.2	(Z)	4.8	(Z)	5	16
36	Electrical equipment and supplies.....	.1	.3	22.4	.1	22.4	.1	-	-	1	1
	Greenville, S.C.										
	All industries, total.....	3.8	6.9	430.5	1.8	283.6	1.2	146.9	.6	3	11
22	Textile mill products.....	2.3	4.2	216.4	.9	165.9	.6	50.5	.2	1	1
23	Apparel, other textile products.....	.1	.1	17.4	.1	4.8	(Z)	12.5	(Z)	11	1
28	Chemicals and allied products.....	.6	.9	67.0	.3	-	-	67.0	.3	1	1
35	Machinery, except electrical.....	.2	.5	37.4	.2	26.5	.1	10.9	.1	4	3
36	Electrical equipment and supplies.....	.1	.2	5.8	(Z)	5.8	(Z)	-	-	1	1
	Hamilton-Middletown, Ohio										
	All industries, total.....	11.3	20.8	137.5	.6	70.9	.4	66.6	.3	1	6
	Harrisburg, Pa.										
	All industries, total.....	4.1	9.2	758.8	3.1	240.7	1.1	518.1	2.0	3	7
	Hartford, Conn.										
	All industries, total.....	4.3	10.8	1,402.3	5.6	637.7	2.6	764.7	3.0	6	6
27	Printing and publishing.....	.1	.2	16.2	.1	16.2	.1	-	-	14	40
34	Fabricated metal products.....	.3	.8	50.7	.2	28.3	.1	22.4	.1	12	13
35	Machinery, except electrical.....	.5	1.3	104.1	.5	62.7	.3	41.3	.2	4	7
36	Electrical equipment and supplies.....	.2	.4	60.4	.3	39.6	.2	20.7	.1	3	1
	Honolulu, Hawaii										
	All industries, total.....	1.7	3.7	632.3	2.7	115.1	.5	517.3	2.2	5	6
	Houston, Tex.										
	All industries, total.....	169.8	167.2	1,843.8	5.5	201.7	.8	1,642.1	4.6	1	3
20	Food and kindred products.....	2.0	2.4	7.4	(Z)	7.4	(Z)	-	-	10	1
28	Chemicals and allied products.....	56.3	71.9	96.2	.4	-	-	96.2	.4	2	1
29	Petroleum and coal products.....	91.8	73.6	1,443.3	4.0	-	-	1,443.3	4.0	1	1
32	Stone, clay, and glass products.....	5.4	4.4	131.1	.5	131.1	.5	-	-	4	32
33	Primary metal industries.....	7.3	8.2	146.3	.5	43.8	.2	102.6	.3	3	1
34	Fabricated metal products.....	2.4	2.4	.6	(Z)	.6	(Z)	-	-	8	1
35	Machinery, except electrical.....	.8	.9	.4	(Z)	.4	(Z)	-	-	12	1
	Huntington-Ashland, W. Va.-Ky.-Ohio										
	All industries, total.....	17.4	46.3	128.3	.6	56.2	.3	72.0	.3	1	7
	Huntsville, Ala.										
	All industries, total.....	.6	1.0	6.4	(Z)	3.3	(Z)	3.1	(Z)	5	1

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	State and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Grand Rapids, Mich.										
	All industries, total.....	63.9	1.1	(S)	(Z)	11.0	6.6	.4	1.7	1	2
20	Food and kindred products.....	12.0	.2	-	-	.8	.4	(Z)	.1	1	6
23	Apparel, other textile products.....	-	-	-	-	.2	.1	-	(Z)	(X)	1
25	Furniture and fixtures.....	13.1	.3	(Z)	-	1.1	.7	(Z)	(Z)	1	6
33	Primary metal industries.....	-	-	(S)	(Z)	1.3	.8	-	.7	(X)	2
34	Fabricated metal products.....	2.5	(Z)	-	-	2.3	1.6	(Z)	.1	26	6
35	Machinery, except electrical.....	-	-	-	-	.6	.4	(Z)	.1	(X)	8
36	Electrical equipment and supplies.....	19.4	.4	-	-	.7	.5	-	(Z)	1	4
37	Transportation equipment.....	-	-	-	-	.5	.3	-	.1	(X)	1
	Green Bay, Wisc.										
	All industries, total.....	357.0	4.9	(S)	(Z)	9.0	4.1	(Z)	1.0	1	1
	Greensboro-Winston-Salem-High Point, N.C.										
	All industries, total.....	124.0	2.1	(S)	.1	6.5	3.9	1.7	1.7	1	7
20	Food and kindred products.....	-	-	(S)	(Z)	1.0	.6	-	.1	(X)	6
22	Textile mill products.....	23.0	.4	-	-	1.9	1.1	.6	.7	5	10
25	Furniture and fixtures.....	10.5	.2	(S)	(Z)	.1	.1	.1	.1	5	24
35	Machinery, except electrical.....	-	-	-	-	.1	(Z)	(Z)	.1	(X)	23
36	Electrical equipment and supplies.....	-	-	-	-	.3	.1	(Z)	(Z)	(X)	1
	Greenville, S.C.										
	All industries, total.....	90.9	1.1	-	-	6.0	3.2	.1	.8	1	1
22	Textile mill products.....	90.9	1.1	-	-	3.7	2.1	-	.2	1	1
23	Apparel, other textile products.....	-	-	-	-	.1	.1	-	(Z)	(X)	1
28	Chemicals and allied products.....	-	-	-	-	1.1	.5	-	.1	(X)	1
35	Machinery, except electrical.....	-	-	-	-	.2	.1	(Z)	.2	(X)	1
36	Electrical equipment and supplies.....	-	-	-	-	.2	.1	-	(Z)	(X)	1
	Hamilton-Middletown, Ohio										
	All industries, total.....	452.2	6.4	(S)	2.7	20.7	9.6	1.2	.3	1	1
	Harrisburg, Pa.										
	All industries, total.....	60.3	.8	(S)	.1	5.4	3.7	.7	.8	1	2
	Hartford, Conn.										
	All industries, total.....	-	-	-	-	2.9	2.7	.8	1.7	(X)	1
27	Printing and publishing.....	-	-	-	-	(Z)	(Z)	-	.1	(X)	1
34	Fabricated metal products.....	-	-	-	-	.2	.2	(Z)	.4	(X)	4
35	Machinery, except electrical.....	-	-	-	-	.7	.6	(Z)	.2	(X)	5
36	Electrical equipment and supplies.....	-	-	-	-	.1	.1	-	(Z)	(X)	16
	Honolulu, Hawaii										
	All industries, total.....	-	-	-	-	-	-	.2	.8	(X)	1
	Houston, Tex.										
	All industries, total.....	17.8	.2	(S)	.8	535.5	140.9	18.5	1.2	1	1
20	Food and kindred products.....	-	-	-	-	6.0	1.7	.6	.1	(X)	13
28	Chemicals and allied products.....	-	-	-	-	178.7	60.2	10.9	.5	(X)	1
29	Petroleum and coal products.....	-	-	-	-	291.0	64.6	5.1	(Z)	(X)	1
32	Stone, clay, and glass products.....	-	-	-	-	16.2	3.4	.1	.4	(X)	1
33	Primary metal industries.....	17.8	.2	(S)	.8	23.2	6.1	(S)	(S)	1	4
34	Fabricated metal products.....	-	-	-	-	7.6	2.0	.5	(Z)	(X)	24
35	Machinery, except electrical.....	-	-	-	-	2.6	.8	.1	.1	(X)	11
	Huntington-Ashland, W. Va.-Ky.-Ohio										
	All industries, total.....	215.5	2.1	1,020.0	31.5	23.1	10.6	.5	1.1	1	1
	Huntsville, Ala.										
	All industries, total.....	.2	(Z)	-	-	1.0	.5	.1	.4	1	2

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Indianapolis, Ind.										
	All industries, total.....	9.9	18.4	424.8	1.9	274.5	1.3	150.3	.6	1	1
20	Food and kindred products.....	1.5	2.6	39.3	.2	35.4	.2	3.8	(Z)	6	7
26	Paper and allied products.....	.5	.8	17.7	.1	13.0	.1	4.7	(Z)	3	2
28	Chemicals and allied products.....	1.1	1.7	43.0	.2	22.2	.1	20.8	.1	3	3
30	Rubber and plastics products, n.e.c.....	.4	.6	8.8	(Z)	8.8	(Z)	-	-	1	10
33	Primary metal industries.....	1.0	2.7	24.7	.1	24.7	.1	-	-	1	1
34	Fabricated metal products.....	.5	.9	28.9	.1	15.2	.1	13.7	(Z)	16	9
35	Machinery, except electrical.....	.6	1.4	35.8	.2	31.5	.2	4.4	(Z)	3	5
36	Electrical equipment and supplies.....	.7	1.1	28.4	.1	11.4	.1	17.0	.1	1	1
37	Transportation equipment.....	2.1	3.9	154.0	.7	86.6	.4	67.5	.3	1	1
	Jackson, Mich.										
	All industries, total.....	1.5	2.9	126.2	.5	33.8	.1	92.4	.3	6	4
	Jackson, Miss.										
	All industries, total.....	1.7	2.4	11.6	(Z)	.4	(Z)	11.2	(Z)	9	1
	Jacksonville, Fla.										
	All industries, total.....	5.0	10.1	1,628.0	6.5	155.2	.7	1,472.8	5.8	1	1
	Jersey City, N. J.										
	All industries, total.....	9.4	21.0	2,535.2	11.0	870.9	4.1	1,664.3	6.8	2	1
20	Food and kindred products.....	1.6	3.7	445.1	2.3	124.4	.7	320.7	1.6	1	2
22	Textile mill products.....	.2	.6	17.5	.1	6.2	(Z)	11.3	.1	20	52
23	Apparel, other textile products.....	.2	.5	23.9	.1	23.9	.1	-	-	17	30
26	Paper and allied products.....	.5	1.1	166.3	.8	86.5	.4	79.8	.4	13	13
27	Printing and publishing.....	.1	.2	28.5	.1	28.5	.1	-	-	1	1
28	Chemicals and allied products.....	2.1	4.7	555.6	2.6	326.9	1.5	228.7	1.2	2	1
34	Fabricated metal products.....	.4	.9	43.9	.2	11.4	.1	32.5	.1	2	5
35	Machinery, except electrical.....	.3	.7	111.4	.5	78.1	.4	33.2	.2	5	5
36	Electrical equipment and supplies.....	.5	1.1	39.0	.2	8.3	.1	30.7	.2	2	6
39	Miscellaneous manufacturing industries.....	.1	.3	31.3	.1	12.8	(Z)	18.5	.1	13	14
	Johnstown, Pa.										
	All industries, total.....	3.0	7.2	226.4	1.2	220.8	1.2	5.6	(Z)	13	54
	Kalamazoo, Mich.										
	All industries, total.....	5.6	9.1	225.5	.9	72.2	.3	153.3	.6	1	10
	Kansas City, Mo.-Kans.										
	All industries, total.....	15.2	19.2	320.7	1.3	147.0	.6	173.7	.7	2	5
20	Food and kindred products.....	2.3	2.7	55.0	.2	7.0	(Z)	48.0	.2	3	1
23	Apparel, other textile products.....	.1	.3	-	-	-	-	-	-	14	(X)
26	Paper and allied products.....	.5	.7	11.1	(Z)	1.4	(Z)	9.7	(Z)	10	1
27	Printing and publishing.....	.2	.4	-	-	-	-	-	-	9	(X)
28	Chemicals and allied products.....	2.0	2.2	35.2	.1	16.1	.1	19.1	.1	14	12
32	Stone, clay, and glass products.....	3.4	3.6	31.5	.1	2.0	(Z)	29.5	.1	2	1
33	Primary metal industries.....	2.5	3.1	104.2	.4	86.8	.4	17.4	.1	10	15
36	Electrical equipment and supplies.....	.5	.7	10.9	.1	4.9	(Z)	5.9	(Z)	18	1
	Kenosha, Wisc.										
	All industries, total.....	1.1	2.2	36.0	.2	10.7	(Z)	25.3	.1	7	48
	Knoxville, Tenn.										
	All industries, total.....	5.6	9.5	137.2	.6	116.9	.5	20.3	.1	5	4
20	Food and kindred products.....	.4	.8	64.6	.2	52.3	.2	12.3	(Z)	4	1
22	Textile mill products.....	.1	.2	6.4	(Z)	6.4	(Z)	-	-	7	1
23	Apparel, other textile products.....	.1	.1	8.0	(Z)	-	-	8.0	(Z)	1	1
	Lafayette-West Lafayette, Ind.										
	All industries, total.....	2.3	3.7	28.5	.1	22.2	.1	6.3	(Z)	2	1

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N					(million dollars) Col. O	(million dollars) Col. P
	Indianapolis, Ind.										
	All industries, total.....	349.3	3.4	40.9	2.2	15.5	8.1	.6	2.1	3	2
20	Food and kindred products.....	35.9	.4	-	-	3.7	1.9	(Z)	.1	1	8
26	Paper and allied products.....	-	-	-	-	.1	.1	.1	.6	(X)	39
28	Chemicals and allied products.....	46.3	.4	-	-	2.0	1.1	(Z)	(Z)	1	5
30	Rubber and plastics products, n.e.c.....	16.8	.2	-	-	.7	.4	-	.1	1	1
33	Primary metal industries.....	14.9	.1	(S)	1.3	1.8	.9	(Z)	.1	1	4
34	Fabricated metal products.....	11.2	.2	-	-	.6	.4	(Z)	.3	76	3
35	Machinery, except electrical.....	27.7	.4	(S)	.1	.9	.5	.1	.1	1	7
36	Electrical equipment and supplies.....	56.5	.5	-	-	.7	.3	.1	(Z)	1	1
37	Transportation equipment.....	130.9	1.2	(S)	.7	2.2	1.2	.2	(Z)	1	3
	Jackson, Mich.										
	All industries, total.....	6.4	.1	-	-	3.4	1.9	.1	.4	1	5
	Jackson, Miss.										
	All industries, total.....	-	-	-	-	5.0	2.0	.2	.2	(X)	10
	Jacksonville, Fla.										
	All industries, total.....	-	-	(S)	.1	5.0	2.5	.3	.7	(X)	1
	Jersey City, N.J.										
	All industries, total.....	12.4	.2	24.1	.7	8.1	5.1	.8	3.2	3	1
20	Food and kindred products.....	-	-	-	-	.9	.5	-	.9	(X)	1
22	Textile mill products.....	1.8	(Z)	-	-	.2	.1	.3	.1	53	51
23	Apparel, other textile products.....	-	-	-	-	(Z)	(Z)	-	.4	(X)	5
26	Paper and allied products.....	-	-	-	-	.1	(Z)	(Z)	.2	(X)	1
27	Printing and publishing.....	-	-	-	-	(Z)	(Z)	-	.1	(X)	1
28	Chemicals and allied products.....	10.7	.2	(S)	(Z)	2.2	1.2	.3	.3	1	1
34	Fabricated metal products.....	-	-	-	-	.4	.4	(Z)	.4	(X)	4
35	Machinery, except electrical.....	-	-	(S)	(Z)	(Z)	(Z)	(Z)	.1	(X)	1
36	Electrical equipment and supplies.....	-	-	-	-	1.1	.7	(Z)	.2	(X)	4
39	Miscellaneous manufacturing industries....	-	-	-	-	(Z)	(Z)	-	.2	(X)	1
	Johnstown, Pa.										
	All industries, total.....	15.4	.2	12.5	.4	6.8	4.6	.4	.4	18	3
	Kalamazoo, Mich.										
	All industries, total.....	100.9	1.5	(S)	(Z)	13.9	6.2	.2	.3	1	1
	Kanas City, Mo.-Kans.										
	All industries, total.....	21.1	.2	(S)	.5	43.4	14.7	.9	1.6	1	1
20	Food and kindred products.....	-	-	-	-	6.7	2.2	.1	.2	(X)	3
23	Apparel, other textile products.....	-	-	-	-	(Z)	(Z)	-	.2	(X)	50
26	Paper and allied products.....	-	-	-	-	1.5	.6	.1	(Z)	(X)	12
27	Printing and publishing.....	-	-	-	-	.4	.2	.1	.1	(X)	2
28	Chemicals and allied products.....	14.6	.2	-	-	4.5	1.3	.2	.5	1	3
32	Stone, Clay, and glass products.....	6.5	.1	-	-	10.6	3.3	.1	.1	1	2
33	Primary metal industries.....	-	-	(S)	.4	7.1	2.2	(Z)	(Z)	(X)	1
36	Electrical equipment and supplies.....	-	-	-	-	1.3	.4	(Z)	.2	(X)	1
	Kenosha, Wisc.										
	All industries, total.....	73.5	.9	(S)	.1	1.4	.8	.3	(Z)	1	10
	Knoxville, Tenn.										
	All industries, total.....	139.9	1.4	(S)	(Z)	12.5	6.1	.7	.6	1	1
20	Food and kindred products.....	-	-	-	-	.8	.4	-	.1	(X)	7
22	Textile mill products.....	-	-	-	-	.1	.1	-	(Z)	(X)	1
23	Apparel, other textile products.....	-	-	-	-	.2	.1	-	(Z)	(X)	1
	Lafayette-West Lafayette, Ind.										
	All industries, total.....	80.3	.8	-	-	4.7	2.4	.1	.4	1	1

See footnotes at end of table.

**TABLE 5 Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Lake Charles, La.										
	All industries, total.....	44.8	38.0	1,028.7	2.7	1,028.7	2.7	-	-	1	1
	Lancaster, Pa.										
	All industries, total.....	3.5	8.6	563.4	2.5	221.5	1.1	341.9	1.5	4	6
	Lansing, Mich.										
	All industries, total.....	3.9	10.3	166.6	.8	112.4	.5	54.2	.3	2	1
	Las Vegas, Nev.										
	All industries, total.....	2.3	3.7	.3	(Z)	.3	(Z)	-	-	1	1
	Lawrence-Haverhill, Mass.-N.H.										
	All industries, total.....	2.2	4.4	404.2	1.8	223.0	1.0	181.2	.8	8	4
	Lewiston-Auburn, Maine										
	All industries, total.....	.9	1.7	297.1	1.1	45.2	.2	251.9	.9	11	8
	Lexington, Ky.										
	All industries, total.....	.8	1.7	4.9	(Z)	4.9	(Z)	-	-	4	1
	Lima, Ohio										
	All industries, total.....	5.6	9.5	65.8	.3	38.4	.2	27.5	.1	1	1
	Lincoln, Neb.										
	All industries, total.....	.5	.9	44.4	.2	18.4	.1	26.1	.1	3	1
	Little Rock-North Little Rock, Ark.										
	All industries, total.....	9.6	11.0	411.0	1.8	.9	(Z)	410.2	1.8	2	1
	Loraine-Elyria, Ohio										
	All industries, total.....	9.2	17.2	150.6	.5	23.4	.1	127.2	.4	1	1
	Los Angeles-Long Beach, Calif.										
	All industries, total.....	60.0	97.2	855.9	3.2	600.1	2.2	255.8	1.0	2	5
20	Food and kindred products.....	4.3	7.6	36.8	.2	27.5	.1	9.2	(Z)	10	1
22	Textile mill products.....	1.1	1.7	.2	(Z)	.2	(Z)	-	-	18	1
23	Apparel, other textile products.....	.3	.9	-	-	-	-	-	-	19	(X)
24	Lumber and wood products.....	.2	.4	8.6	(Z)	8.6	(Z)	-	-	15	1
25	Furniture and fixtures.....	.3	.7	-	-	-	-	-	-	15	(X)
26	Paper and allied products.....	3.0	4.6	45.7	.2	14.7	.1	31.0	.2	9	7
27	Printing and publishing.....	.4	.6	-	-	-	-	-	-	8	(X)
28	Chemicals and allied products.....	6.3	10.4	167.3	.7	159.1	.7	8.1	(Z)	2	1
29	Petroleum and coal products.....	18.9	24.9	68.5	.3	24.2	.1	44.3	.2	1	1
30	Rubber and plastics products, n.e.c.....	1.5	2.3	23.4	.1	17.9	.1	5.5	(Z)	5	2
32	Stone, clay, and glass products.....	7.2	11.4	288.1	.8	277.5	.8	10.6	.1	5	1
33	Primary metal industries.....	5.9	10.7	122.3	.5	22.4	.1	99.8	.4	7	16
34	Fabricated metal products.....	3.6	7.7	43.6	.2	19.4	.1	24.2	.1	15	96
35	Machinery, except electrical.....	1.5	2.8	5.2	(Z)	1.5	(Z)	3.6	(Z)	12	1
36	Electrical equipment and supplies.....	1.3	2.6	7.2	(Z)	3.5	(Z)	3.8	(Z)	6	1
37	Transportation equipment.....	2.8	5.1	38.9	.2	23.4	.1	15.5	.1	3	1
38	Instruments and related products.....	.3	.5	-	-	-	-	-	-	5	(X)
39	Miscellaneous manufacturing industries.....	1.0	2.2	-	-	-	-	-	-	5	(X)

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Lake Charles, La.										
	All industries, total.....	-	-	-	-	138.0	29.0	6.1	.2	(X)	1
	Lancaster, Pa.										
	All industries, total.....	90.0	1.1	(S)	.2	5.6	4.1	.7	-	3	1
	Lansing, Mich.										
	All industries, total.....	24.9	.4	13.3	.4	7.2	4.2	3.9	.7	1	3
	Las Vegas, Nev.										
	All industries, total.....	-	-	(S)	.2	6.7	3.0	.3	.2	(X)	1
	Lawrence-Haverhill, Mass.-N.H.										
	All industries, total.....	.4	(Z)	(S)	(Z)	.5	.3	.3	2.0	1	25
	Lewiston-Auburn, Maine										
	All industries, total.....	-	-	-	-	(Z)	.1	-	.6	(X)	4
	Lexington, Ky.										
	All industries, total.....	13.6	.2	-	-	2.1	1.3	(Z)	.1	1	4
	Lima, Ohio										
	All industries, total.....	50.1	.7	-	-	15.0	7.5	.4	.6	13	1
	Lincoln, Neb.										
	All industries, total.....	-	-	-	-	1.3	.6	.1	(Z)	(X)	1
	Little Rock-North Little Rock, Ark.										
	All industries, total.....	-	-	-	-	28.1	8.6	.1	.5	(X)	1
	Loraine-Elyria, Ohio										
	All industries, total.....	158.3	1.6	(S)	7.2	14.0	6.9	.1	.9	1	1
	Los Angeles-Long Beach, Calif.										
	All industries, total.....	4.4	.1	(S)	1.4	159.0	70.5	6.8	15.2	62	1
20	Food and kindred products.....	-	-	-	-	10.6	5.3	.7	1.6	(X)	15
22	Textile mill products.....	-	-	-	-	1.6	.8	-	1.0	(X)	1
23	Apparel, other textile products.....	-	-	-	-	.3	.2	(Z)	.7	(X)	21
24	Lumber and wood products.....	-	-	-	-	.3	.1	(Z)	.3	(X)	10
25	Furniture and fixtures.....	-	-	-	-	.5	.2	.1	.4	(X)	12
26	Paper and allied products.....	-	-	-	-	8.8	4.0	.1	.2	(X)	9
27	Printing and publishing.....	-	-	-	-	1.0	.4	(Z)	.2	(X)	5
28	Chemicals and allied products.....	-	-	-	-	16.5	7.3	1.5	.8	(X)	3
29	Petroleum and coal products.....	-	-	-	-	60.7	23.3	1.2	.1	(X)	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	4.1	2.0	(Z)	.2	(X)	4
32	Stone, clay, and glass products.....	-	-	-	-	17.9	8.3	.5	1.8	(X)	7
33	Primary metal industries.....	3.4	(Z)	(S)	1.4	14.3	7.2	.2	1.4	94	5
34	Fabricated metal products.....	-	-	-	-	7.5	3.9	1.4	2.3	(X)	11
35	Machinery, except electrical.....	1.0	(Z)	-	-	2.2	1.0	.2	1.6	1	13
36	Electrical equipment and supplies.....	-	-	-	-	2.4	1.4	.1	1.1	(X)	7
37	Transportation equipment.....	-	-	-	-	7.8	4.0	.3	.6	(X)	1
38	Instruments and related products.....	-	-	-	-	.6	.3	(Z)	.2	(X)	2
39	Miscellaneous manufacturing industries.....	-	-	-	-	2.0	1.0	.5	.7	(X)	19

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Louisville, Ky.—Ind.										
	All industries, total.....	15.3	22.1	225.1	1.0	160.8	.7	64.3	.3	1	2
20	Food and kindred products.....	2.2	3.3	20.9	.1	6.8	(Z)	14.1	.1	1	1
21	Tobacco manufactures.....	.5	.8	22.5	.1	.1	-	22.4	.1	1	1
24	Lumber and wood products.....	.2	.4	6.5	(Z)	6.4	(Z)	.2	(Z)	15	1
27	Printing and publishing.....	.2	.4	-	-	-	-	-	-	14	(X)
28	Chemicals and allied products.....	4.3	4.9	32.8	.1	14.3	.1	18.5	.1	1	1
34	Fabricated metal products.....	1.1	2.2	6.3	(Z)	6.3	(Z)	-	-	3	1
35	Machinery, except electrical.....	1.2	2.0	.1	(Z)	.1	(Z)	-	-	1	1
	Lowell, Mass.										
	All industries, total.....	1.2	2.6	161.3	.7	96.1	.4	65.2	.3	14	24
	Lubbock, Tex.										
	All industries, total.....	.6	.7	4.4	(Z)	4.4	(Z)	-	-	15	58
	Lynchburg, Va.										
	All industries, total.....	1.9	4.3	47.1	.2	40.7	.2	6.4	(Z)	1	3
	Macon, Ga.										
	All industries, total.....	4.8	7.5	91.8	.4	16.3	.1	75.5	.3	4	3
	Madison, Wisc.										
	All industries, total.....	1.8	2.9	53.2	.2	45.7	.2	7.5	(Z)	11	15
	Manchester, N.H.										
	All industries, total.....	.6	1.2	191.5	.8	128.1	.5	63.4	.3	5	4
	Mansfield, Ohio										
	All industries, total.....	3.9	6.9	152.2	.7	144.4	.7	7.8	(Z)	2	1
	Memphis, Tenn.—Ark.										
	All industries, total.....	8.3	11.1	190.8	.9	123.8	.6	67.0	.3	3	5
20	Food and kindred products.....	1.7	2.2	43.7	.2	14.3	.1	29.5	.1	6	1
24	Lumber and wood products.....	.1	.2	8.6	(Z)	8.6	(Z)	-	-	10	1
26	Paper and allied products.....	.9	1.1	35.5	.2	5.3	(Z)	30.2	.1	1	1
28	Chemicals and allied products.....	2.9	3.4	32.4	.2	32.4	.2	-	-	4	1
	Miami, Fla.										
	All industries, total.....	3.4	7.4	498.7	1.8	468.6	1.7	30.2	.1	3	2
20	Food and kindred products.....	.6	1.1	27.7	.1	14.7	.1	13.0	.1	8	12
	Milwaukee, Wisc.										
	All industries, total.....	16.5	33.4	692.2	3.2	345.1	1.6	347.2	1.7	2	2
20	Food and kindred products.....	3.0	5.6	146.1	.7	30.5	.1	115.6	.5	5	1
26	Paper and allied products.....	.7	1.2	30.5	.1	16.3	.1	14.2	(Z)	8	1
31	Leather and leather products.....	.5	1.0	33.4	.2	20.0	.1	13.4	(Z)	2	2
33	Primary metal industries.....	4.2	8.8	131.3	.6	77.8	.3	53.5	.3	5	2
34	Fabricated metal products.....	1.3	3.0	45.3	.2	24.2	.1	21.1	1	8	18
35	Machinery, except electrical.....	2.8	5.9	148.9	.8	60.8	.3	88.1	.5	5	1
36	Electrical equipment and supplies.....	1.6	2.9	56.2	.3	56.2	.3	-	-	1	5
38	Instruments and related products.....	.2	.3	-	-	-	-	-	-	3	(X)
	Minneapolis-St. Paul, Minn.										
	All industries, total.....	11.9	22.3	1,288.6	5.4	538.0	2.6	750.6	2.8	3	3
20	Food and kindred products.....	2.5	4.6	284.5	1.3	93.9	.4	190.6	.9	8	1
27	Printing and publishing.....	.5	1.0	36.7	.2	36.1	.2	.5	(Z)	19	23
28	Chemicals and allied products.....	.8	1.6	25.1	.1	21.3	.1	3.8	(Z)	10	60
33	Primary metal industries.....	.6	1.2	26.3	.1	2.5	(Z)	23.8	.1	17	41
34	Fabricated metal products.....	.8	1.8	56.6	.3	43.8	.2	12.7	.1	8	17
35	Machinery, except electrical.....	1.3	2.4	80.8	.4	48.0	.2	32.8	.1	5	2
36	Electrical equipment and supplies.....	.4	.9	20.1	.1	18.6	.1	1.5	(Z)	6	7
37	Transportation equipment.....	.3	.5	53.5	.2	7.8	(Z)	45.7	.2	2	4
38	Instruments and related products.....	.2	.5	36.7	.2	36.7	.2	-	-	8	1
39	Miscellaneous manufacturing industries.....	.7	1.6	151.3	.7	110.5	.5	40.8	.2	5	1

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Louisville, Ky.-Ind.										
	All industries, total.....	1,016.3	8.4	(S)	1.1	19.0	9.8	.3	1.5	1	2
20	Food and kindred products.....	143.6	1.2	-	-	2.9	1.6	(Z)	.3	1	1
21	Tobacco manufactures.....	5.2	(Z)	-	-	1.3	.6	-	.1	1	1
24	Lumber and wood products.....	3.0	(Z)	-	-	.4	.2	(Z)	.1	1	27
27	Printing and publishing.....	-	-	-	-	.4	.2	(Z)	.2	(X)	12
28	Chemicals and allied products.....	431.5	3.2	-	-	2.4	1.3	.1	.2	1	2
34	Fabricated metal products.....	41.4	.4	(S)	.5	2.3	1.3	(Z)	(Z)	1	3
35	Machinery, except electrical.....	67.6	.6	(S)	.6	1.5	.8	-	-	1	22
	Lowell, Mass.										
	All industries, total.....	-	-	-	-	1.2	.7	.3	.8	(X)	18
	Lubbock, Tex.										
	All industries, total.....	-	-	-	-	1.4	.4	(Z)	.2	(X)	21
	Lynchburg, Va.										
	All industries, total.....	135.1	1.7	29.7	1.0	1.8	1.2	.1	.1	1	1
	Macon, Ga.										
	All industries, total.....	67.4	.9	-	-	13.2	5.7	.4	.2	1	5
	Madison, Wisc.										
	All industries, total.....	108.4	.9	(S)	(Z)	1.4	.9	(Z)	.8	1	6
	Manchester, N.H.										
	All industries, total.....	.1	(Z)	-	-	(Z)	(Z)	(Z)	.4	1	1
	Mansfield, Ohio										
	All industries, total.....	97.6	1.0	(S)	.6	7.0	3.4	.5	.8	1	1
	Memphis, Tenn.-Ark.										
	All industries, total.....	.5	(Z)	10.1	.4	23.5	7.9	.7	1.2	1	1
20	Food and kindred products.....	-	-	-	-	5.1	1.7	.2	.1	(X)	1
24	Lumber and wood products.....	-	-	-	-	.1	(Z)	(Z)	.1	(X)	4
26	Paper and allied products.....	-	-	-	-	2.3	.7	(Z)	.2	(X)	1
28	Chemicals and allied products.....	-	-	-	-	9.1	2.9	.2	(Z)	(X)	1
	Miami, Fla.										
	All industries, total.....	-	-	-	-	3.9	2.5	.9	2.2	(X)	3
20	Food and kindred products.....	-	-	-	-	.5	.2	(Z)	.7	(X)	3
	Milwaukee, Wisc.										
	All industries, total.....	102.1	1.6	57.0	1.8	39.4	22.0	1.3	3.5	3	3
20	Food and kindred products.....	26.2	.5	-	-	6.4	3.3	.2	.9	10	2
26	Paper and allied products.....	-	-	-	-	1.8	1.0	(Z)	.1	(X)	10
31	Leather and leather products.....	1.0	(Z)	-	-	.9	.5	.2	.2	26	3
33	Primary metal industries.....	16.3	.2	(S)	1.3	11.7	6.6	.2	(Z)	1	6
34	Fabricated metal products.....	.1	(Z)	-	-	3.8	2.5	.1	.2	1	14
35	Machinery, except electrical.....	6.0	.1	(S)	.5	6.5	3.8	.4	.5	1	2
36	Electrical equipment and supplies.....	-	-	-	-	4.1	2.0	.2	.5	(X)	1
38	Instruments and related products.....	-	-	-	-	.1	.1	-	.2	(X)	16
	Minneapolis-St. Paul, Minn.										
	All industries, total.....	51.9	.9	(S)	.1	23.7	10.8	2.0	3.1	1	4
20	Food and kindred products.....	8.3	.2	-	-	5.7	2.4	.4	.3	1	7
27	Printing and publishing.....	.4	(Z)	-	-	.9	.4	(Z)	.4	53	11
28	Chemicals and allied products.....	38.0	.6	-	-	.7	.5	.2	.2	1	28
33	Primary metal industries.....	-	-	(S)	.1	.4	.2	.2	.6	(X)	6
34	Fabricated metal products.....	-	-	-	-	1.5	.8	.3	.4	(X)	12
35	Machinery, except electrical.....	.8	(Z)	(S)	(Z)	2.7	1.3	.2	.5	18	5
36	Electrical equipment and supplies.....	-	-	-	-	.8	.4	.2	.1	(X)	12
37	Transportation equipment.....	-	-	-	-	.4	.2	(Z)	.1	(X)	4
38	Instruments and related products.....	-	-	-	-	.4	.2	.1	.1	(X)	1
39	Miscellaneous manufacturing industries....	-	-	-	-	1.4	.7	.1	.1	(X)	2

See footnotes at end of table.

TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued

Code	Standard metropolitan statistical area and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Mobile, Ala.										
	All industries, total.....	12.6	14.6	243.2	1.0	97.5	.5	145.7	.6	2	1
	Muncie, Ind.										
	All industries, total.....	2.1	4.1	35.0	.1	5.3	(Z)	29.7	.1	1	1
	Muskegon-Muskegon Heights, Mich.										
	All industries, total.....	3.7	8.1	43.4	.2	43.4	.2	-	-	4	16
	Nashville, Tenn.										
	All industries, total.....	7.3	11.0	92.4	.4	56.9	.3	35.6	.1	2	1
20	Food and kindred products.....	.4	.6	5.4	(Z)	5.4	(Z)	-	-	7	1
27	Printing and publishing.....	.2	.5	-	-	-	-	-	-	4	(X)
32	Stone, clay, and glass products.....	2.8	4.2	44.3	.2	11.1	.1	33.2	.1	1	1
37	Transportation equipment.....	.2	.5	-	-	-	-	-	-	3	(X)
	New Bedford, Mass.										
	All industries, total.....	1.1	3.1	236.3	1.1	171.6	.8	64.7	.3	13	2
	New Britain, Conn.										
	All industries, total.....	1.2	2.6	330.3	1.4	125.5	.6	204.8	.9	5	6
	New Haven, Conn.										
	All industries, total.....	3.6	8.2	1,324.0	5.5	294.4	1.3	1,029.7	4.1	4	6
	New London-Groton-Norwich, Conn.										
	All industries, total.....	4.3	8.1	2,052.8	6.9	149.7	.7	1,903.1	6.2	3	1
	New Orleans, La.										
	All industries, total.....	32.1	24.3	72.4	.3	72.4	.3	-	-	1	58
20	Food and kindred products.....	1.7	1.7	63.7	.3	63.7	.3	-	-	9	67
32	Stone, clay, and glass products.....	3.0	3.0	5.5	(Z)	5.5	(Z)	-	-	7	1
34	Fabricated metal products.....	.3	.5	-	-	-	-	-	-	8	(X)
37	Transportation equipment.....	.2	.2	1.9	(Z)	1.9	(Z)	-	-	4	1
	New York, N.Y.										
	All industries, total.....	32.5	71.4	4,542.1	21.3	2,775.0	13.0	1,767.2	8.3	3	2
20	Food and kindred products.....	6.5	13.9	927.2	4.6	351.0	1.7	576.1	2.8	4	2
22	Textile mill products.....	1.1	2.2	155.2	.7	115.7	.5	39.5	.2	13	15
23	Apparel, other textile products.....	1.8	5.6	80.8	.3	57.8	.3	22.9	.1	17	13
25	Furniture and fixtures.....	.5	1.1	72.5	.3	64.5	.3	8.0	(Z)	12	29
26	Paper and allied products.....	2.5	4.3	311.9	1.5	291.2	1.4	20.7	.1	10	1
27	Printing and publishing.....	1.5	3.9	66.8	.3	41.9	.2	25.0	.1	6	15
28	Chemicals and allied products.....	2.9	5.4	461.5	2.2	351.1	1.7	110.4	.6	3	4
30	Rubber and plastics products, n.e.c.....	1.0	1.8	71.8	.4	63.8	.3	8.0	(Z)	12	21
32	Stone, clay, and glass products.....	2.5	4.8	353.5	1.6	317.8	1.4	35.8	.2	13	22
33	Primary metal industries.....	1.9	5.5	588.2	2.7	229.2	1.0	359.0	1.6	8	1
34	Fabricated metal products.....	2.9	7.4	202.4	.9	131.2	.6	71.2	.3	20	12
35	Machinery, except electrical.....	1.3	2.8	93.7	.5	71.3	.3	22.3	.1	18	12
36	Electrical equipment and supplies.....	1.5	3.1	244.3	1.1	180.5	.8	63.8	.3	13	7
37	Transportation equipment.....	1.8	4.3	622.2	2.9	333.2	1.6	289.1	1.3	2	2
38	Instruments and related products.....	.5	1.1	102.1	.4	46.7	.2	55.4	.2	6	11
39	Miscellaneous manufacturing industries.....	1.3	2.7	151.6	.6	96.9	.4	54.8	.2	7	23

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Mobile, Ala.										
	All industries, total.....	318.6	2.6	(Z)	(Z)	31.2	10.1	.1	.7	1	1
	Muncie, Ind.										
	All industries, total.....	18.4	.2	(S)	.2	5.1	2.6	.6	.3	1	1
	Muskegon-Muskegon Heights, Mich.										
	All industries, total.....	186.5	2.2	46.4	1.5	4.1	2.6	.5	1.0	1	5
	Nashville, Tenn.										
	All industries, total.....	175.0	1.6	-	-	16.7	7.2	.5	1.3	1	1
20	Food and kindred products.....	.2	(Z)	-	-	.7	.3	(Z)	.3	1	2
27	Printing and publishing.....	-	-	-	-	.2	.1	(Z)	.3	(X)	3
32	Stone, clay, and glass products.....	58.2	.6	-	-	7.3	3.2	.2	(Z)	1	1
37	Transportation equipment.....	-	-	-	-	.7	.4	-	(Z)	(X)	2
	New Bedford, Mass.										
	All industries, total.....	.5	(Z)	-	-	.7	.7	.9	.4	1	3
	New Britain, Conn.										
	All industries, total.....	-	-	(S)	(Z)	.9	.6	.1	.5	(X)	4
	New Haven, Conn.										
	All industries, total.....	-	-	-	-	1.0	.8	.5	1.4	(X)	7
	New London-Groton-Norwich, Conn.										
	All industries, total.....	.3	(Z)	(S)	(Z)	.2	.2	.3	.7	1	1
	New Orleans, La.										
	All industries, total.....	-	-	-	-	102.8	22.3	.5	1.2	(X)	1
20	Food and kindred products.....	-	-	-	-	4.6	1.2	(Z)	.2	(X)	1
32	Stone, clay, and glass products.....	-	-	-	-	8.8	2.4	.2	.4	(X)	1
34	Fabricated metal products.....	-	-	-	-	.5	.2	.1	.2	(X)	9
37	Transportation equipment.....	-	-	-	-	.3	.1	(Z)	.1	(X)	1
	New York, N.Y.										
	All industries, total.....	20.2	.3	(S)	(Z)	25.1	15.1	6.2	28.5	9	2
20	Food and kindred products.....	2.6	(Z)	-	-	8.4	5.3	.5	3.6	95	4
22	Textile mill products.....	-	-	-	-	.4	.2	.2	1.0	(X)	10
23	Apparel, other textile products.....	1.7	(Z)	-	-	.4	.2	1.7	3.3	75	68
25	Furniture and fixtures.....	-	-	-	-	.1	.1	.1	.6	(X)	21
26	Paper and allied products.....	.1	(Z)	-	-	1.1	.6	.1	2.1	1	17
27	Printing and publishing.....	-	-	-	-	.8	.4	.5	2.7	(X)	31
28	Chemicals and allied products.....	-	-	-	-	3.4	2.0	(Z)	1.1	(X)	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	.2	.2	.1	1.2	(X)	54
32	Stone, clay, and glass products.....	.9	(Z)	-	-	2.8	1.5	.2	1.5	1	2
33	Primary metal industries.....	-	-	-	-	1.3	1.1	1.3	.4	(X)	16
34	Fabricated metal products.....	.7	(Z)	-	-	1.6	1.1	1.1	4.2	93	16
35	Machinery, except electrical.....	9.0	.2	-	-	.7	.4	(Z)	1.8	1	19
36	Electrical equipment and supplies.....	-	-	-	-	1.4	.7	.1	1.2	(X)	7
37	Transportation equipment.....	4.7	.1	(S)	(Z)	1.3	.8	(Z)	.4	1	2
38	Instruments and related products.....	-	-	-	-	.3	.1	(Z)	.5	(X)	21
39	Miscellaneous manufacturing industries....	.6	(Z)	-	-	.6	.3	.1	1.7	89	9

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	State and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual		B	D
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H		
	Newark, N.J.										
	All industries, total.....	25.1	60.3	7,298.4	34.0	4,293.7	20.1	3,004.8	13.9	4	3
22	Textile mill products.....	.2	.5	34.2	.1	8.0	(Z)	26.2	.1	11	41
26	Paper and allied products.....	2.6	6.3	1,115.6	5.5	152.5	.8	963.1	4.8	3	4
27	Printing and publishing.....	.2	.4	46.1	.2	33.8	.2	12.4	.1	8	11
28	Chemicals and allied products.....	9.9	24.3	2,986.0	13.7	2,331.3	10.4	654.7	3.3	2	1
30	Rubber and plastics products, n.e.c.....	.6	1.2	75.8	.4	27.6	.2	48.2	.2	6	12
32	Stone, clay, and glass products.....	.8	1.9	203.7	1.0	161.8	.8	41.9	1.2	10	15
33	Primary metal industries.....	1.6	3.9	334.5	1.5	150.0	.8	184.5	.8	10	12
34	Fabricated metal products.....	1.6	3.6	308.0	1.1	135.3	.7	172.7	.5	9	19
35	Machinery, except electrical.....	1.0	2.6	186.7	.9	77.8	.4	108.9	.6	5	13
36	Electrical equipment and supplies.....	1.1	2.6	281.7	1.4	129.8	.7	151.9	.7	9	6
37	Transportation equipment.....	.6	1.7	186.5	.9	51.0	.2	135.5	.7	1	1
39	Miscellaneous manufacturing industries.....	.2	.5	73.5	.4	43.5	.2	30.0	.2	9	12
	Norfolk-Portsmouth, Va.										
	All industries, total.....	2.5	4.4	364.1	1.1	152.8	.6	211.3	.5	8	4
	Norwalk, Conn.										
	All industries, total.....	.3	1.1	149.8	.7	84.3	.4	65.6	.3	19	18
	Odessa, Tex.										
	All industries, total.....	6.5	5.7	1.1	(Z)	-	-	1.1	(Z)	1	1
	Ogden, Utah										
	All industries, total.....	.4	.5	8.4	(Z)	8.4	(Z)	-	-	4	1
	Oklahoma City, Okla.										
	All industries, total.....	1.8	2.6	.4	(Z)	.4	(Z)	-	-	11	1
	Omaha, Neb.-Iowa										
	All industries, total.....	2.9	5.1	222.3	1.0	158.2	.8	64.1	.2	7	12
	Orlando, Fla.										
	All industries, total.....	1.0	1.7	10.7	.1	5.9	(Z)	4.8	(Z)	3	38
	Oxnard-Ventura, Calif.										
	All industries, total.....	1.2	2.0	3.3	(Z)	3.3	(Z)	-	-	1	1
	Paterson-Clifton-Passaic, N.J.										
	All industries, total.....	13.7	31.8	3,762.9	16.8	2,494.8	11.2	1,268.1	5.6	4	2
20	Food and kindred products.....	1.0	2.1	160.7	.7	135.5	.6	25.2	.1	4	2
22	Textile mill products.....	2.4	5.3	445.7	1.7	146.1	.6	299.6	1.1	18	11
26	Paper and allied products.....	2.8	6.6	1,465.4	6.1	1,042.7	4.3	422.7	1.9	4	4
28	Chemicals and allied products.....	2.9	6.2	774.9	3.8	514.8	2.5	260.2	1.3	4	4
30	Rubber and plastics products, n.e.c.....	.4	1.2	51.8	.3	47.6	.3	4.2	(Z)	5	4
34	Fabricated metal products.....	.6	1.6	130.6	.6	89.6	.4	41.0	.2	5	8
35	Machinery, except electrical.....	.6	1.2	41.3	.2	27.1	.2	14.2	(Z)	9	4
37	Transportation equipment.....	.7	2.2	202.9	1.0	199.7	1.0	3.2	(Z)	3	6
38	Instruments and related products.....	.1	.3	21.4	.1	6.2	(Z)	15.3	.1	1	1
	Pensacola, Fla.										
	All industries, total.....	12.1	14.5	992.0	4.0	485.6	2.3	506.4	1.6	1	1
	Peoria, Ill.										
	All industries, total.....	8.6	11.1	29.5	.1	29.5	.1	-	-	1	6
20	Food and kindred products.....	3.4	3.7	25.8	.1	25.8	.1	-	-	1	1

See footnotes at end of table.

TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	R
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Newark, N.J.										
	All industries, total.....	107.1	.7	(S)	.4	15.5	10.0	7.6	7.7	25	13
22	Textile mill products.....	-	-	-	-	.2	.2	-	.2	(X)	1
26	Paper and allied products.....	-	-	-	-	.2	.1	(Z)	.6	(X)	15
27	Printing and publishing.....	-	-	-	-	.5	.1	-	-	(X)	11
28	Chemicals and allied products.....	82.4	.5	-	-	2.8	1.5	6.3	2.3	1	5
30	Rubber and plastics products, n.e.c.....	-	-	-	-	1.0	.5	(Z)	.3	(X)	7
32	Stone, clay, and glass products.....	-	-	-	-	1.1	.7	.1	.1	(X)	6
33	Primary metal industries.....	-	-	(S)	.3	1.3	1.0	.4	.7	(X)	27
34	Fabricated metal products.....	-	-	(S)	.1	1.3	1.0	.1	1.3	(X)	13
35	Machinery, except electrical.....	-	-	-	-	1.6	1.1	.2	.4	(X)	2
36	Electrical equipment and supplies.....	-	-	-	-	.6	.4	(Z)	.8	(X)	2
37	Transportation equipment.....	-	-	-	-	.8	.7	-	.1	(X)	2
39	Miscellaneous manufacturing industries.....	-	-	-	-	.3	.1	.1	(Z)	(X)	17
	Norfolk-Portsmouth, Va.										
	All industries, total.....	36.3	.5	-	-	4.4	2.3	.2	.3	3	20
	Norwalk, Conn.										
	All industries, total.....	-	-	(S)	.1	.2	.1	.1	.1	(X)	8
	Odessa, Tex.										
	All industries, total.....	-	-	-	-	20.7	4.5	1.1	.1	(X)	1
	Ogden, Utah										
	All industries, total.....	-	-	-	-	.7	.3	-	.2	(X)	7
	Oklahoma City, Okla.										
	All industries, total.....	-	-	(S)	(Z)	5.2	1.6	.4	.5	(X)	12
	Omaha, Neb.-Iowa										
	All industries, total.....	-	-	(S)	.2	6.0	2.5	.5	.9	(X)	8
	Orlando, Fla.										
	All industries, total.....	-	-	-	-	1.6	.8	(Z)	.8	(X)	2
	Oxnard-Ventura, Calif.										
	All industries, total.....	-	-	-	-	4.6	2.0	-	-	(X)	1
	Paterson-Clifton-Passaic, N.J.										
	All industries, total.....	13.8	.3	14.7	.5	9.2	5.8	3.0	5.4	28	3
20	Food and kindred products.....	3.1	.1	(S)	(Z)	.8	.4	(Z)	.8	70	4
22	Textile mill products.....	-	-	-	-	.6	.3	1.5	1.8	(X)	31
26	Paper and allied products.....	-	-	-	-	.6	.3	(Z)	.1	(X)	1
28	Chemicals and allied products.....	-	-	-	-	.7	.4	.7	1.2	(X)	9
30	Rubber and plastics products, n.e.c.....	8.4	.1	-	-	1.1	.8	(Z)	-	1	1
34	Fabricated metal products.....	-	-	-	-	.9	.6	(Z)	.3	(X)	7
35	Machinery, except electrical.....	-	-	-	-	.2	.1	.2	.7	(X)	12
37	Transportation equipment.....	-	-	(Z)	(Z)	1.3	1.2	(Z)	(Z)	(X)	6
38	Instruments and related products.....	-	-	-	-	.1	.1	.1	(Z)	(X)	1
	Pensacola, Fla.										
	All industries, total.....	-	-	-	-	33.7	10.3	(Z)	.2	(X)	1
	Peoria, Ill.										
20	All industries, total.....	529.2	3.8	-	-	8.0	4.0	.2	2.9	1	1
	Food and kindred products.....	347.2	2.5	-	-	2.2	1.1	(Z)	(Z)	1	2

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Kilowatt-hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual		B	D
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H		
	Philadelphia, Pa.-N.J.										
	All industries, total.....	73.3	151.9	19,122.9	77.6	7,534.7	33.1	11,588.2	44.5	1	1
20	Food and kindred products.....	5.9	14.2	1,774.0	7.9	1,098.4	5.0	675.5	2.9	10	15
22	Textile mill products.....	1.8	4.2	526.9	2.4	235.4	1.2	291.5	1.2	10	12
23	Apparel, other textile products.....	.5	1.3	63.9	.3	60.4	.3	3.5	(Z)	7	15
25	Furniture and fixtures.....	.3	.8	54.5	.2	29.9	.1	24.6	.1	8	22
26	Paper and allied products.....	10.0	15.0	2,904.2	11.9	1,186.2	4.2	1,718.0	7.7	2	3
27	Printing and publishing.....	.7	1.9	59.7	.2	36.6	.2	23.1	.1	7	27
28	Chemicals and allied products.....	11.4	25.3	4,032.7	16.2	1,535.0	7.2	2,497.7	8.9	1	1
29	Petroleum and coal products.....	12.9	23.2	3,559.6	11.9	122.2	.6	3,437.3	11.3	1	1
30	Rubber and plastics products, n.e.c.....	2.0	4.2	627.6	2.7	521.5	2.3	106.0	.4	3	3
32	Stone, clay, and glass products.....	3.8	8.7	706.9	3.3	462.6	2.2	244.3	1.1	2	4
33	Primary metal industries.....	16.4	33.9	2,779.6	11.4	1,312.5	5.6	1,467.0	5.9	1	1
34	Fabricated metal products.....	2.8	7.1	532.1	2.5	264.4	1.3	267.7	1.2	4	7
35	Machinery, except electrical.....	1.6	3.6	540.0	2.2	193.9	.9	346.1	1.3	4	3
36	Electrical equipment and supplies.....	1.5	3.7	442.7	2.0	214.4	.9	228.3	1.1	3	2
37	Transportation equipment.....	1.0	2.7	346.0	1.7	138.9	.6	207.1	1.0	5	5
38	Instruments and related products.....	.2	.5	41.8	.2	13.9	.1	28.1	.1	7	11
39	Miscellaneous manufacturing industries.....	.4	.9	94.4	.4	79.4	.3	15.0	.1	6	2
	Phoenix, Ariz.										
	All industries, total.....	2.7	4.8	24.0	.1	11.7	(Z)	12.3	(Z)	4	1
20	Food and kindred products.....	.8	1.4	11.4	(Z)	10.3	(Z)	1.1	(Z)	2	1
34	Fabricated metal products.....	.3	.5	-	-	-	-	-	-	9	(X)
	Pittsburgh, Pa.										
	All industries, total.....	98.6	171.4	2,985.1	13.0	1,334.0	5.4	1,651.1	7.5	1	1
20	Food and kindred products.....	1.5	2.5	9.1	(Z)	9.1	(Z)	-	-	8	1
26	Paper and allied products.....	.3	.5	7.9	(Z)	1.0	(Z)	6.9	(Z)	1	1
28	Chemicals and allied products.....	5.0	7.4	52.9	.2	38.2	.2	14.8	.1	1	1
32	Stone, clay, and glass products.....	6.4	11.8	75.0	.3	75.0	.3	-	-	3	26
33	Primary metal industries.....	78.8	135.5	2,636.0	11.5	1,018.2	4.1	1,617.9	7.4	1	1
34	Fabricated metal products.....	1.9	4.2	25.5	.1	25.5	.1	-	-	2	1
35	Machinery, except electrical.....	1.5	3.1	31.7	.1	30.3	.1	1.4	(Z)	7	83
36	Electrical equipment and supplies.....	.8	1.5	43.2	.2	34.0	.2	9.2	(Z)	3	1
37	Transportation equipment.....	.4	.8	9.2	(Z)	9.2	(Z)	-	-	8	1
	Pittsfield, Mass.										
	All industries, total.....	1.8	4.7	1,016.9	4.3	296.3	1.3	720.6	3.0	14	15
	Portland, Maine										
	All industries, total.....	2.2	5.3	979.7	3.8	122.7	.6	857.0	3.2	8	6
	Portland, Oreg.-Wash.										
	All industries, total.....	11.4	20.7	1,434.5	5.3	235.2	1.1	1,199.4	4.2	2	2
20	Food and kindred products.....	1.6	2.8	69.1	.3	39.8	.2	29.3	.1	7	15
24	Lumber and wood products.....	.7	2.2	67.5	.3	54.9	.2	12.6	(Z)	9	15
26	Paper and allied products.....	4.7	7.4	697.4	2.6	3.3	(Z)	694.1	2.5	1	1
33	Primary metal industries.....	1.4	2.7	66.8	.3	8.6	.1	58.2	.2	10	13
35	Machinery, except electrical.....	.2	.4	22.4	.1	8.4	(Z)	14.0	(Z)	6	1
36	Electrical equipment and supplies.....	.2	.5	31.4	.1	.6	(Z)	30.8	.1	1	1
37	Transportation equipment.....	.1	.2	4.5	(Z)	3.2	(Z)	1.4	(Z)	1	1
	Providence-Pawtucket-Warwick, R.I.-Mass.										
	All industries, total.....	9.2	18.9	2,228.7	8.8	856.7	3.8	1,372.0	5.0	4	4
22	Textile mill products.....	1.8	3.6	399.2	1.6	158.2	.6	241.0	.9	8	12
26	Paper and allied products.....	.6	1.0	257.0	.9	21.6	.1	235.5	.8	9	8
27	Printing and publishing.....	.1	.3	26.4	.1	18.6	.1	7.8	(Z)	19	16
28	Chemicals and allied products.....	.7	1.2	165.8	.6	5.0	(Z)	160.8	.6	6	3
33	Primary metal industries.....	1.1	2.7	257.8	1.1	126.3	.5	131.5	.6	3	4
36	Electrical equipment and supplies.....	.2	.5	87.7	.3	43.8	.2	43.9	.2	11	14
39	Miscellaneous manufacturing industries.....	.6	1.5	115.9	.5	58.5	.3	57.4	.2	7	12
	Racine, Wisc.										
	All industries, total.....	1.6	3.0	105.7	.3	20.5	.1	85.2	.2	4	10
	Raleigh, N.C.										
	All industries, total.....	.9	1.8	70.2	.3	24.6	.1	45.7	.2	7	13

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Philadelphia, Pa.-N.J.										
	All industries, total.....	189.9	2.6	(S)	3.2	93.4	48.5	8.8	11.2	1	1
20	Food and kindred products.....	-	-	-	-	5.6	3.6	1.4	1.4	(X)	2
22	Textile mill products.....	.1	(Z)	-	-	1.0	.7	.3	.9	1	20
23	Apparel, other textile products.....	-	-	-	-	.1	.1	(Z)	.9	(X)	31
25	Furniture and fixtures.....	-	-	-	-	.3	.3	-	.2	(X)	4
26	Paper and allied products.....	.3	(Z)	-	-	12.3	1.6	.2	1.4	1	1
27	Printing and publishing.....	-	-	-	-	.6	.4	.5	.7	(X)	14
28	Chemicals and allied products.....	128.5	1.8	-	-	5.5	3.3	2.9	1.1	1	3
29	Petroleum and coal products.....	-	-	-	-	20.7	11.2	.1	.1	(X)	1
30	Rubber and plastics products, n.e.c.....	26.3	.4	-	-	1.1	.7	-	.5	1	14
32	Stone, clay, and glass products.....	-	-	-	-	7.2	4.3	.7	.4	(X)	1
33	Primary metal industries.....	30.9	.3	(S)	2.8	31.6	17.3	1.4	.6	1	1
34	Fabricated metal products.....	3.5	.1	(S)	.4	3.7	2.6	.5	1.1	1	2
35	Machinery, except electrical.....	.4	(Z)	-	-	1.6	1.1	.1	.1	47	9
36	Electrical equipment and supplies.....	-	-	-	-	1.4	1.0	.3	.4	(X)	6
37	Transportation equipment.....	-	-	-	-	.2	.2	.3	.5	(X)	1
38	Instruments and related products.....	-	-	-	-	.3	.2	-	.1	(X)	12
39	Miscellaneous manufacturing industries....	-	-	-	-	.1	.1	.1	.4	(X)	6
	Phoenix, Ariz.										
	All industries, total.....	-	-	(S)	.1	7.1	3.5	.6	.6	(X)	5
20	Food and kindred products.....	-	-	-	-	2.2	1.0	.1	.2	(X)	1
34	Fabricated metal products.....	-	-	-	-	.7	.3	(Z)	.1	(X)	2
	Pittsburgh, Pa.										
	All industries, total.....	2,276.7	20.5	2,599.8	34.7	169.3	91.3	6.5	5.5	1	1
20	Food and kindred products.....	113.2	1.1	-	-	.9	.7	(Z)	.6	10	20
26	Paper and allied products.....	-	-	-	-	.6	.4	(Z)	.1	(X)	1
28	Chemicals and allied products.....	388.0	3.4	(S)	.1	4.7	3.1	.1	.6	1	1
32	Stone, clay, and glass products.....	175.3	1.4	(S)	(Z)	13.9	8.9	.2	1.0	1	3
33	Primary metal industries.....	1,510.5	13.7	2,595.3	34.7	134.8	68.4	5.7	1.4	1	1
34	Fabricated metal products.....	22.2	.2	(S)	(Z)	4.9	3.3	.1	.4	1	3
35	Machinery, except electrical.....	37.8	.4	(S)	(Z)	3.4	2.4	-	.2	1	6
36	Electrical equipment and supplies.....	26.8	.3	-	-	1.3	.9	-	.2	1	2
37	Transportation equipment.....	-	-	-	-	1.2	.7	.1	(Z)	(X)	8
	Pittsfield Mass.										
	All industries, total.....	-	-	-	-	.6	.4	-	-	(X)	7
	Portland, Maine										
	All industries, total.....	-	-	-	-	.3	.4	.3	.8	(X)	3
	Portland, Oreg.-Wash.										
	All industries, total.....	-	-	(S)	.3	22.8	10.8	1.3	3.0	(X)	1
20	Food and kindred products.....	-	-	-	-	3.4	1.8	(Z)	.7	(X)	6
24	Lumber and wood products.....	-	-	-	-	.8	.4	.5	1.0	(X)	13
26	Paper and allied products.....	-	-	-	-	10.7	4.5	.1	.2	(X)	1
33	Primary metal industries.....	-	-	(S)	.3	3.7	1.9	.1	.1	(X)	3
35	Machinery, except electrical.....	-	-	-	-	.2	.1	(Z)	.2	(X)	21
36	Electrical equipment and supplies.....	-	-	-	-	.5	.3	-	.1	(X)	1
37	Transportation equipment.....	-	-	-	-	.1	.1	(Z)	.1	(X)	1
	Providence-Pawtucket-Warwick, R.I.-Mass.										
	All industries, total.....	-	-	-	-	6.5	4.4	.8	4.9	(X)	6
22	Textile mill products.....	-	-	-	-	.6	.4	.2	1.4	(X)	23
26	Paper and allied products.....	-	-	-	-	.2	.1	(Z)	.1	(X)	22
27	Printing and publishing.....	-	-	-	-	.1	.1	(Z)	.1	(X)	33
28	Chemicals and allied products.....	-	-	-	-	.3	.2	(Z)	.3	(X)	28
33	Primary metal industries.....	-	-	-	-	1.5	1.1	.3	.2	(X)	1
36	Electrical equipment and supplies.....	-	-	-	-	.1	(Z)	-	.1	(X)	1
39	Miscellaneous manufacturing industries....	-	-	-	-	.4	.3	.1	.6	(X)	11
	Racine, Wis.										
	All industries, total.....	3.5	.1	-	-	3.1	1.7	.1	.8	67	7
	Raleigh, N.C.										
	All industries, total.....	22.3	.4	-	-	1.5	.8	.3	.1	1	3

See footnotes at end of table.

TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued

Code	Standard metropolitan statistical area and industry group	Kilowatt-hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Reading, Pa.										
	All industries, total.....	5.5	11.4	648.1	2.7	293.8	1.3	354.3	1.4	3	8
20	Food and kindred products.....	.5	.9	88.0	.3	23.1	.1	64.9	.2	11	28
22	Textile mill products.....	.5	1.1	71.5	.3	26.3	.1	45.1	.2	9	16
33	Primary metal industries.....	1.4	3.3	65.0	.3	19.9	.1	45.0	.2	1	1
35	Machinery, except electrical.....	.2	.4	53.9	.2	7.9	(Z)	46.0	.2	20	10
36	Electrical equipment and supplies.....	.3	.6	46.7	.2	4.6	(Z)	42.0	.2	12	1
37	Transportation equipment.....	.4	.9	19.2	.1	17.2	.1	2.0	(Z)	20	1
	Reno, Nev.										
	All industries, total.....	.3	.8	69.4	.4	69.4	.4	-	-	9	9
	Richmond, Va.										
	All industries, total.....	6.8	13.7	1,847.3	5.5	1,166.9	3.4	680.4	2.1	9	6
20	Food and kindred products.....	.2	.4	25.5	.1	9.0	(Z)	16.6	.1	12	5
26	Paper and allied products.....	.6	1.3	150.6	.5	82.2	.3	68.4	.2	1	2
27	Printing and publishing.....	.1	.3	10.1	(Z)	3.6	(Z)	6.5	(Z)	5	1
	Rochester, N.Y.										
	All industries, total.....	12.0	26.7	1,360.1	6.7	478.6	2.3	881.5	4.5	2	8
20	Food and kindred products.....	1.2	3.0	268.6	1.2	79.6	.4	189.0	.9	8	1
23	Apparel, other textile products.....	.1	.2	-	-	-	-	-	-	1	(X)
27	Printing and publishing.....	.2	.4	9.5	(Z)	9.5	(Z)	-	-	13	55
34	Fabricated metal products.....	.4	1.1	20.6	.1	19.9	.1	.7	(Z)	13	1
35	Machinery, except electrical.....	.6	1.3	26.0	.1	20.6	.1	5.3	(Z)	8	35
36	Electrical equipment and supplies.....	.3	1.2	8.8	(Z)	5.3	(Z)	3.5	(Z)	1	1
	Rockford, Ill.										
	All industries, total.....	3.6	7.7	179.3	.9	151.8	.7	27.5	.1	3	2
20	Food and kindred products.....	.4	.8	38.9	.2	33.3	.1	5.5	(Z)	6	1
34	Fabricated metal products.....	.9	1.9	22.4	.1	18.8	.1	3.6	(Z)	6	16
35	Machinery, except electrical.....	.5	1.1	36.4	.2	20.8	.1	15.7	.1	2	1
37	Transportation equipment.....	.8	1.7	11.7	.1	11.7	.1	-	-	1	1
	Sacramento, Calif.										
	All industries, total.....	4.3	7.0	146.9	.7	146.3	.7	.6	(Z)	3	1
	Saginaw, Mich.										
	All industries, total.....	3.7	6.8	30.1	.1	9.4	(Z)	20.7	.1	2	1
	St. Joseph, Mo.										
	All industries, total.....	.7	1.1	15.7	.1	1.8	(Z)	14.0	.1	6	30
	St. Louis, Mo.-Ill.										
	All industries, total.....	36.4	63.2	804.6	3.8	539.3	2.6	265.2	1.2	4	7
20	Food and kindred products.....	4.6	7.1	88.4	.3	55.9	.3	32.5	.1	7	1
23	Apparel, other textile products.....	.2	.4	2.6	(Z)	1.8	(Z)	.8	(Z)	17	18
25	Furniture and fixtures.....	.2	.3	-	-	-	-	-	-	20	(X)
26	Paper and allied products.....	2.2	2.8	39.8	.2	14.0	.1	25.8	.1	3	1
28	Chemicals and allied products.....	6.3	10.1	164.7	.7	135.4	.6	29.4	.1	2	10
29	Petroleum and coal products.....	1.4	2.7	104.4	.7	100.4	.7	4.0	(Z)	15	42
30	Rubber and plastics products, n.e.c.....	.2	.3	6.5	(Z)	6.5	(Z)	-	-	15	1
33	Primary metal industries.....	8.6	15.9	283.5	1.3	154.4	.7	129.1	.6	1	3
34	Fabricated metal products.....	1.2	2.2	9.3	(Z)	7.7	(Z)	1.6	(Z)	8	56
35	Machinery, except electrical.....	.6	1.3	9.5	(Z)	9.5	(Z)	-	-	7	1
36	Electrical equipment and supplies.....	.5	1.1	10.3	(Z)	10.3	(Z)	-	-	10	1
37	Transportation equipment.....	2.2	4.1	44.9	.2	7.4	(Z)	37.5	.2	3	1
38	Instruments and related products.....	.1	.1	2.5	(Z)	2.5	(Z)	-	-	5	1
39	Miscellaneous manufacturing industries.....	.3	.5	5.4	(Z)	5.4	(Z)	-	-	12	44
	Salem, Oreg.										
	All industries, total.....	1.3	2.6	169.5	.7	31.8	.1	137.7	.6	4	7
	Salinas-Monterey, Calif.										
	All industries, total.....	3.1	4.7	2.1	(Z)	2.1	(Z)	-	-	5	76

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(billion cu. ft.)	(million dollars)				
		Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O	Col. P		
	Reading, Pa.										
	All industries, total.....	161.8	1.9	(S)	.3	5.6	3.9	.6	1.9	1	1
20	Food and kindred products.....	1.9	(Z)	-	-	.4	.3	(Z)	.3	1	12
22	Textile mill products.....	2.2	(Z)	-	-	.3	.2	.2	.3	40	13
33	Primary metal industries.....	-	-	(S)	.3	3.6	2.4	.1	.3	(X)	1
35	Machinery, except electrical.....	-	-	-	-	.1	.1	-	.1	(X)	1
36	Electrical equipment and supplies.....	-	-	-	-	.4	.3	-	.2	(X)	1
37	Transportation equipment.....	14.3	.1	-	-	.5	.4	(Z)	.3	1	1
	Reno, Nev.										
	All industries, total.....	-	-	-	-	.3	.2	.1	.1	(X)	19
	Richmond, Va.										
	All industries, total.....	188.2	3.0	(S)	.1	5.5	3.4	1.3	.4	1	15
20	Food and kindred products.....	-	-	-	-	.2	.2	(Z)	.1	(X)	17
26	Paper and allied products.....	32.0	.6	-	-	.1	.1	(Z)	(Z)	1	1
27	Printing and publishing.....	-	-	-	-	.2	.1	(Z)	.1	(X)	12
	Rochester, N.Y.										
	All industries, total.....	671.8	8.5	-	-	8.1	5.8	3.1	2.5	1	3
20	Food and kindred products.....	4.0	(Z)	-	-	1.1	.5	.9	.3	1	5
23	Apparel, other textile products.....	-	-	-	-	(Z)	(Z)	.1	.1	(X)	1
27	Printing and publishing.....	-	-	-	-	.2	.1	.1	.2	(X)	22
34	Fabricated metal products.....	-	-	-	-	.7	.6	.1	.4	(X)	4
35	Machinery, except electrical.....	32.8	.4	-	-	.6	.4	.1	.2	1	7
36	Electrical equipment and supplies.....	-	-	-	-	.6	.5	.7	(Z)	(X)	1
	Rockford, Ill.										
	All industries, total.....	52.4	.6	(S)	.4	6.7	4.4	.2	1.2	1	5
20	Food and kindred products.....	-	-	-	-	.6	.4	(Z)	.2	(X)	10
34	Fabricated metal products.....	13.1	.2	-	-	2.1	1.4	(Z)	.2	1	7
35	Machinery, except electrical.....	2.4	(Z)	-	-	1.0	.6	.1	.2	1	4
37	Transportation equipment.....	34.2	.4	(S)	.4	1.1	.7	(Z)	.1	1	1
	Sacramento, Calif.										
	All industries, total.....	-	-	(S)	.2	10.9	4.9	.3	.9	(X)	2
	Saginaw, Mich.										
	All industries, total.....	112.9	1.6	-	-	7.3	3.9	.1	1.0	1	2
	St. Joseph, Mo.										
	All industries, total.....	-	-	-	-	2.0	.9	.1	.1	(X)	3
	St. Louis, Mo.-Ill.										
	All industries, total.....	907.0	8.3	70.4	2.5	77.6	38.8	4.0	5.9	1	1
20	Food and kindred products.....	194.8	1.5	-	-	8.7	4.4	.5	.4	4	7
23	Apparel, other textile products.....	.1	(Z)	-	-	.3	.1	(Z)	.2	1	33
25	Furniture and fixtures.....	-	-	-	-	.4	.3	-	.1	(X)	25
26	Paper and allied products.....	175.1	1.3	-	-	2.1	1.1	(Z)	.2	1	6
28	Chemicals and allied products.....	276.5	3.0	-	-	9.8	5.2	.2	.9	1	1
29	Petroleum and coal products.....	-	-	-	-	4.5	2.0	-	-	(X)	7
30	Rubber and plastics products, n.e.c.....	8.5	.1	-	-	.3	.2	-	.1	1	22
33	Primary metal industries.....	12.6	.1	70.2	2.5	21.9	10.6	.1	1.3	1	1
34	Fabricated metal products.....	-	-	-	-	3.0	1.6	-	.5	(X)	5
35	Machinery, except electrical.....	-	-	-	-	1.4	.9	(Z)	.3	(X)	13
36	Electrical equipment and supplies.....	-	-	-	-	1.0	.6	.1	.4	(X)	4
37	Transportation equipment.....	57.8	.7	(S)	(Z)	5.6	3.1	.1	(Z)	1	1
38	Instruments and related products.....	-	-	-	-	.3	.1	-	(Z)	(X)	1
39	Miscellaneous manufacturing industries.....	2.1	(Z)	-	-	.4	.2	(Z)	.2	7	19
	Salem, Oreg.										
	All industries, total.....	-	-	-	-	2.2	1.1	.2	.5	(X)	3
	Salinas-Monterey, Calif.										
	All industries, total.....	-	-	-	-	10.4	4.6	(Z)	(Z)	(X)	4

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Salt Lake City, Utah										
	All industries, total.....	5.4	6.1	169.0	.7	169.0	.7	-	-	6	1
	San Bernardino-Riverside-Ontario, Calif.										
	All industries, total.....	16.2	25.4	1,187.5	4.8	816.8	3.4	370.7	1.4	2	1
32	Stone, Clay, and glass products.....	7.7	11.0	385.8	1.4	16.9	.1	368.9	1.3	1	1
33	Primary metal industries.....	4.7	8.3	781.9	3.3	781.9	3.3	-	-	3	1
37	Transportation equipment.....	.2	.3	-	-	-	-	-	-	5	(X)
	San Diego, Calif.										
	All industries, total.....	1.7	3.1	39.9	.2	36.0	.2	3.8	(Z)	9	30
20	Food and kindred products.....	.3	.5	1.2	(Z)	1.2	(Z)	-	-	14	1
37	Transportation equipment.....	.3	.6	-	-	-	-	-	-	3	(X)
	San Francisco-Oakland, Calif.										
	All industries, total.....	40.2	60.3	659.9	2.2	315.5	1.2	344.4	1.0	1	1
20	Food and kindred products.....	3.9	6.4	252.6	.9	162.5	.6	90.1	.3	3	1
26	Paper and allied products.....	2.4	4.8	205.9	.6	-	-	205.9	.6	1	1
27	Printing and publishing.....	.3	.5	.3	(Z)	.3	(Z)	-	-	18	1
28	Chemicals and allied products.....	4.3	5.4	52.2	.2	25.5	.1	26.7	.1	5	1
29	Petroleum and coal products.....	20.5	26.9	26.2	.1	9.3	(Z)	16.9	.1	1	1
32	Stone, clay, and glass products.....	2.9	4.7	(Z)	-	-	-	(Z)	-	17	(X)
33	Primary metal industries.....	3.0	6.3	115.2	.5	113.5	.5	1.8	(Z)	10	1
34	Fabricated metal products.....	1.1	2.0	4.2	(Z)	2.5	(Z)	1.7	(Z)	9	30
36	Electrical equipment and supplies.....	.3	.6	.3	(Z)	.3	(Z)	-	-	8	1
37	Transportation equipment.....	.5	.9	1.7	(Z)	.5	(Z)	1.2	(Z)	1	1
	San Jose, Calif.										
	All industries, total.....	7.0	11.0	18.4	.1	15.8	.1	2.6	(Z)	3	1
20	Food and kindred products.....	1.4	2.4	7.1	(Z)	7.1	(Z)	(Z)	-	3	1
35	Machinery, except electrical.....	.4	.6	-	-	-	-	-	-	14	(X)
36	Electrical equipment and supplies.....	.6	1.2	-	-	-	-	-	-	2	(X)
	Santa Barbara, Calif.										
	All industries, total.....	1.2	1.8	86.1	.3	-	-	86.1	.3	2	1
	Savannah, Ga.										
	All industries, total.....	9.5	15.4	2,426.9	6.2	153.8	.6	2,273.1	5.7	1	1
	Scranton, Pa.										
	All industries, total.....	1.3	3.2	142.2	.7	54.4	.3	87.7	.4	12	5
	Seattle-Everett, Wash.										
	All industries, total.....	10.0	18.0	910.8	3.7	381.3	1.7	529.5	2.1	2	12
26	Paper and allied products.....	3.0	4.4	342.6	1.2	.6	(Z)	342.0	1.2	1	1
32	Stone, clay, and glass products.....	1.5	3.1	215.5	1.0	180.0	.8	35.6	.2	2	36
34	Fabricated metal products.....	.2	.4	5.8	(Z)	4.6	(Z)	1.1	(Z)	6	6
35	Machinery, except electrical.....	.2	.3	3.5	(Z)	1.3	(Z)	2.3	(Z)	20	1
	Sherman-Denison, Tex.										
	All industries, total.....	1.1	1.1	1.4	(Z)	.5	(Z)	.9	(Z)	4	25
	Shreveport, La.										
	All industries, total.....	2.8	3.6	9.2	(Z)	9.2	(Z)	-	-	16	1
	Sioux Falls, S. Dak.										
	All industries, total.....	.6	1.1	74.1	.3	15.2	.1	58.9	.3	11	1
	South Bend, Ind.										
	All industries, total.....	2.3	4.7	142.9	.6	117.5	.6	25.4	.1	2	3

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Salt Lake City, Utah.										
	All industries, total.....	3.7	(Z)	-	-	15.2	4.2	.5	.7	1	8
	San Bernardino-Riverside-Ontario, Calif.										
	All industries, total.....	6.5	.1	(S)	.5	41.9	17.3	1.2	1.7	97	2
31	Leather and leather products.....	-	-	-	-	(Z)	-	-	-	(X)	(X)
32	Stone, clay, and glass products.....	-	-	(S)	.5	21.7	8.6	.2	.3	(X)	1
33	Primary metal industries.....	-	-	-	-	9.9	4.5	.1	.5	(X)	5
37	Transportation equipment.....	-	-	-	-	.5	.3	(Z)	(Z)	(X)	1
	San Diego, Calif.										
	All industries, total.....	-	-	-	-	3.1	1.6	.2	1.2	(X)	11
20	Food and kindred products.....	-	-	-	-	.3	.2	(Z)	.3	(X)	24
37	Transportation equipment.....	-	-	-	-	.4	.2	(Z)	.4	(X)	1
	San Francisco, Oakland, Calif.										
	All industries, total.....	.8	(Z)	55.6	1.8	119.0	50.7	2.3	3.3	92	1
20	Food and kindred products.....	-	-	-	-	7.9	3.8	.1	1.7	(X)	2
26	Paper and allied products.....	-	-	-	-	6.2	3.0	1.2	-	(X)	1
27	Printing and publishing.....	-	-	-	-	.6	.3	(Z)	.2	(X)	5
28	Chemicals and allied products.....	-	-	-	-	11.3	4.5	(Z)	.8	(X)	1
29	Petroleum and coal products.....	-	-	-	-	67.2	26.6	.1	.1	(X)	1
32	Stone, clay, and glass products.....	.8	(Z)	-	-	8.2	3.9	.3	.5	92	19
33	Primary metal industries.....	-	-	55.6	1.8	9.1	4.0	-	-	(X)	4
34	Fabricated metal products.....	-	-	-	-	4.0	2.0	-	-	(X)	4
36	Electrical equipment and supplies.....	-	-	-	-	.6	.3	.1	.2	(X)	4
37	Transportation equipment.....	-	-	-	-	1.4	.7	.1	.1	(X)	1
	San Jose, Calif.										
	All industries, total.....	-	-	-	-	19.8	9.0	.3	1.7	(X)	3
20	Food and kindred products.....	-	-	-	-	3.5	1.9	(Z)	.5	(X)	2
35	Machinery, except electrical.....	-	-	-	-	.8	.4	(Z)	.2	(X)	7
36	Electrical equipment and supplies.....	-	-	-	-	1.2	.5	.2	.5	(X)	1
	Santa Barbara, Calif.										
	All industries, total.....	-	-	(S)	.3	2.7	1.0	(Z)	.2	(X)	1
	Savannah, Ga.										
	All industries, total.....	43.8	.2	(S)	(Z)	14.9	8.2	.6	.2	1	1
	Scranton, Pa.										
	All industries, total.....	1.5	(Z)	-	-	3.6	2.2	.1	.1	18	16
	Seattle-Everett, Wash.										
	All industries, total.....	-	-	(S)	.1	25.9	10.5	3.0	.7	(X)	3
26	Paper and allied products.....	-	-	-	-	7.4	2.8	.3	(Z)	(X)	1
32	Stone, clay, and glass products.....	-	-	-	-	5.3	2.1	-	-	(X)	2
34	Fabricated metal products.....	-	-	-	-	.5	.2	(Z)	.1	(X)	8
35	Machinery, except electrical.....	-	-	-	-	.5	.1	(Z)	.1	(X)	33
	Sherman-Denison, Tex.										
	All industries, total.....	-	-	(S)	.1	3.7	.9	(Z)	-	(X)	2
	Shreveport, La.										
	All industries, total.....	-	-	-	-	10.7	3.3	.2	.1	(X)	18
	Sioux Falls, S.D.										
	All industries, total.....	1.6	(Z)	-	-	1.1	.5	(Z)	.2	1	15
	South Bend, Ind.										
	All industries, total.....	76.1	.8	23.1	.7	3.5	1.9	.1	.5	1	2

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Kilowatt-hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column--	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Spokane, Wash.										
	All industries, total.....	1.9	3.2	60.0	.3	45.4	.2	14.6	(Z)	8	14
	Springfield, Ill.										
	All industries, total.....	.8	1.5	43.2	.2	43.2	.2	-	-	3	1
	Springfield, Mo.										
	All industries, total.....	1.5	2.0	13.2	.1	7.0	(Z)	6.2	(Z)	7	1
	Springfield, Ohio										
	All industries, total.....	1.4	2.9	9.3	(Z)	9.3	(Z)	-	-	15	1
	Springfield-Chicopee-Holyoke, Mass.-Conn.										
	All industries.....	4.8	12.8	1,531.5	7.0	569.5	2.8	962.0	4.2	4	5
26	Paper and allied products.....	.8	2.6	403.7	1.9	205.7	.9	198.0	.9	3	3
27	Printing and publishing.....	.1	.2	10.0	.1	10.0	.1	-	-	19	50
30	Rubber and plastics products, n.e.c.....	.6	1.3	249.2	1.1	5.3	(Z)	243.8	1.1	3	1
35	Machinery, except electrical.....	.3	.8	55.8	.3	49.3	.2	6.4	(Z)	5	6
36	Electrical equipment and supplies.....	.1	.1	1.3	(Z)	1.3	(Z)	-	-	1	1
39	Miscellaneous manufacturing industries.....	.3	.8	112.5	.6	25.5	.1	87.0	.4	3	3
	Stockton, Calif.										
	All industries, total.....	4.6	7.4	25.1	.1	20.8	.1	4.3	(Z)	1	6
	Syracuse, N.Y.										
	All industries, total.....	11.3	25.0	1,092.4	5.1	488.9	2.3	603.5	2.8	5	3
20	Food and kindred products.....	.6	1.2	65.3	.3	65.3	.3	-	-	15	57
33	Primary metal industries.....	1.3	3.4	16.7	.1	16.7	.1	-	-	13	49
34	Fabricated metal products.....	.2	.6	-	-	-	-	-	-	11	(X)
35	Machinery, except electrical.....	.5	1.2	171.0	.8	.3	(Z)	170.7	.8	2	1
	Tacoma, Wash.										
	All industries, total.....	4.9	8.6	836.7	3.4	485.0	2.0	351.6	1.3	9	6
	Tampa-St. Petersburg, Fla.										
	All industries, total.....	4.2	8.8	937.4	3.5	725.8	2.7	211.6	.8	2	1
20	Food and kindred products.....	.7	1.4	119.9	.5	111.0	.4	8.9	(Z)	7	4
34	Fabricated metal products.....	.3	.6	-	-	-	-	-	-	5	(X)
	Terre Haute, Ind.										
	All industries, total.....	5.1	7.1	81.4	.4	38.9	.2	42.6	.2	4	3
	Toledo, Ohio-Mich.										
	All industries, total.....	19.3	33.1	297.8	1.2	107.5	.5	190.3	.7	2	12
32	Stone, Clay, and glass products.....	6.3	10.9	81.3	.4	56.6	.3	24.8	.1	2	32
33	Primary metal industries.....	1.7	3.5	53.0	.2	3.5	(Z)	49.5	.1	11	1
34	Fabricated metal products.....	.6	.9	8.6	(Z)	8.0	(Z)	.7	(Z)	7	34
35	Machinery, except electrical.....	.4	.7	-	-	-	-	-	-	10	(X)
36	Electrical equipment and supplies.....	.1	.2	-	-	-	-	-	-	1	(X)
37	Transportation equipment.....	1.7	3.3	41.3	.2	18.0	.1	23.4	.1	1	24
	Topeka, Kans.										
	All industries, total.....	1.1	1.8	29.7	.1	28.7	.1	1.0	(Z)	13	1
	Trenton, N.J.										
	All industries, total.....	2.9	7.1	836.8	4.1	474.5	2.3	362.3	1.8	5	5
	Tucson, Ariz.										
	All industries, total.....	1.5	2.2	14.4	.1	10.4	.1	4.0	(Z)	1	1

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Spokane, Wash.										
	All industries, total.....	-	-	-	-	5.0	2.1	.5	.4	(X)	2
	Springfield, Ill.										
	All industries, total.....	-	-	-	-	.9	.5	.3	.5	(X)	5
	Springfield, Mo.										
	All industries, total.....	-	-	(S)	.2	3.2	1.2	(Z)	.6	(X)	12
	Springfield, Ohio										
	All industries, total.....	2.7	(Z)	(S)	.2	3.9	2.3	.1	.2	1	18
	Springfield-Chicopee-Holyoke, Mass.-Conn.										
	All industries, total.....	1.2	(Z)	(S)	.4	4.0	2.9	1.6	.9	1	4
26	Paper and allied products.....	-	-	-	-	.2	.2	.6	.1	(X)	1
27	Printing and publishing.....	-	-	-	-	.1	(Z)	-	.1	(X)	1
30	Rubber and plastics products, n.e.c.....	.8	(Z)	-	-	.1	.1	-	.1	1	1
35	Machinery, except electrical.....	-	-	-	-	.3	.2	.2	.2	(X)	16
36	Electrical equipment and supplies.....	-	-	-	-	.1	.1	-	(Z)	(X)	1
39	Miscellaneous manufacturing industries....	-	-	-	-	.1	.1	-	.1	(X)	20
	Stockton, Calif.										
	All industries, total.....	-	-	-	-	13.1	6.1	.1	1.0	(X)	1
	Syracuse, N.Y.										
	All industries, total.....	684.3	9.4	(S)	.2	12.2	9.1	.5	.8	1	13
20	Food and kindred products.....	18.8	.3	-	-	1.2	.6	-	(Z)	1	3
33	Primary metal industries.....	12.3	.2	-	-	3.9	2.9	.2	-	1	7
34	Fabricated metal products.....	3.1	(Z)	-	-	.1	.1	(Z)	.4	1	39
35	Machinery, except electrical.....	-	-	-	-	.3	.2	.1	.1	(X)	3
	Tacoma, Wash.										
	All industries, total.....	-	-	(S)	.2	9.5	3.8	.8	.4	(X)	16
	Tampa-St. Petersburg, Fla.										
	All industries, total.....	37.5	.3	(S)	.1	7.4	3.9	.3	.7	1	1
20	Food and kindred products.....	-	-	-	-	1.1	.6	(Z)	.3	(X)	7
34	Fabricated metal products.....	-	-	-	-	.7	.4	(Z)	.2	(X)	1
	Terre Haute, Ind.										
	All industries, total.....	227.1	1.8	(S)	(Z)	7.6	3.6	.1	1.2	1	1
	Toledo, Ohio-Mich.										
	All industries, total.....	670.2	9.1	(S)	.2	41.4	20.6	.5	1.6	1	2
32	Stone, clay, and glass products.....	351.4	4.7	(S)	(Z)	10.7	5.4	.2	.2	1	1
33	Primary metal industries.....	3.7	.1	(S)	.2	5.6	3.0	(Z)	-	1	10
34	Fabricated metal products.....	3.7	.1	-	-	1.6	.7	(Z)	.1	1	5
35	Machinery, except electrical.....	-	-	-	-	1.0	.5	.1	.1	(X)	8
36	Electrical equipment and supplies.....	-	-	-	-	.2	.2	(Z)	(Z)	(X)	1
37	Transportation equipment.....	70.7	1.1	-	-	3.5	1.9	(Z)	(Z)	1	1
	Topeka, Kans.										
	All industries, total.....	-	-	-	-	2.4	.7	.7	.3	(X)	1
	Trenton, N.J.										
	All industries, total.....	-	-	(S)	(Z)	2.6	1.6	.1	1.3	(X)	8
	Tucson, Ariz.										
	All industries, total.....	-	-	-	-	4.0	1.8	(Z)	.4	(X)	1

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Tulsa, Okla.										
	All industries, total.....	8.5	7.4	9.6	(Z)	6.1	(Z)	3.5	(Z)	3	1
34	Fabricated metal products.....	.5	.6	(Z)	-	(Z)	-	-	-	19	(X)
35	Machinery, except electrical.....	.2	.3	-	-	-	-	-	-	6	(X)
37	Transportation equipment.....	.3	.3	-	-	-	-	-	-	1	(X)
	Tuscaloosa, Ala.										
	All industries, total.....	3.1	5.7	48.6	.2	48.6	.2	-	-	2	1
	Tyler, Tex.										
	All industries, total.....	1.7	4.0	-	-	-	-	-	-	8	(X)
	Utica-Rome, N.Y.										
	All industries, total.....	3.4	6.7	654.8	2.8	198.0	.9	456.8	1.9	4	6
33	Primary metal industries.....	.5	1.5	146.4	.7	55.4	.3	91.0	.4	1	1
35	Machinery, except electrical.....	.4	.7	42.1	.2	4.6	(Z)	37.6	.2	6	1
	Vallejo-Napa, Calif.										
	All industries, total.....	2.9	3.9	20.0	.1	20.1	.1	-	-	14	63
	Vineland-Millville-Bridgeton, N.J.										
	All industries, total.....	4.3	8.7	613.0	2.6	423.6	1.8	189.4	.8	2	4
	Waco, Tex.										
	All industries, total.....	1.9	2.4	2.3	(Z)	2.3	(Z)	-	-	12	1
	Washington, D.C.-Md.-Va.										
	All industries, total.....	2.2	5.2	183.8	1.0	102.2	.6	81.6	.4	6	12
20	Food and kindred products.....	.5	1.0	50.6	.3	20.9	.1	29.7	.1	12	11
27	Printing and publishing.....	.3	.8	34.9	.1	12.5	(Z)	22.4	.1	8	9
36	Electrical equipment and supplies.....	.2	.4	25.6	.1	25.6	.1	-	-	7	4
	Waterbury, Conn.										
	All industries, total.....	3.3	8.0	1,287.9	5.1	318.0	1.3	969.9	3.8	2	2
	Waterloo, Iowa										
	All industries, total.....	2.6	4.5	36.4	.2	26.3	.1	10.2	(Z) ¹	1	1
	West Palm Beach, Fla.										
	All industries, total.....	1.2	2.6	286.3	1.3	146.8	.7	139.5	.6	7	1
	Wheeling, W. Va.-Ohio										
	All industries, total.....	8.9	13.6	49.0	.2	22.5	.1	26.5	.1	5	5
	Wichita, Kans.										
	All industries, total.....	6.4	6.6	50.9	.2	12.4	.1	38.5	.1	1	1
	Wilkes-Barre-Hazleton, Pa.										
	All industries, total.....	2.4	5.0	261.3	1.2	150.8	.8	110.5	.4	4	10
20	Food and kindred products.....	.4	.8	70.9	.3	13.2	.1	57.6	.2	8	19
23	Apparel, other textile products.....	.2	.5	4.7	(Z)	4.7	(Z)	-	-	19	20
	Wilmington, Del.-N.J.-Md.										
	All industries, total.....	13.2	37.9	3,091.1	13.7	926.6	4.4	2,164.5	9.3	1	1
28	Chemicals and allied products.....	6.4	21.1	1,465.8	6.6	613.7	2.9	852.1	3.7	1	1
30	Rubber and plastics products, n.e.c.....	.3	.6	67.0	.3	51.6	.2	15.5	.1	2	1
	Wilmington, N.C.										
	All industries, total.....	3.8	6.8	1,821.6	5.8	884.2	3.2	937.4	2.6	1	2

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Tulsa, Okla.										
	All industries, total.....	-	-	-	-	26.4	6.4	(Z)	.9	(X)	2
34	Fabricated metal products.....	-	-	-	-	1.2	.4	-	.2	(X)	30
35	Machinery, except electrical.....	-	-	-	-	.4	.1	(Z)	.2	(X)	15
37	Transportation equipment.....	-	-	-	-	.8	.3	-	(Z)	(X)	1
	Tuscaloosa, Ala.										
	All industries, total.....	52.9	.4	(S)	1.6	6.4	2.5	.1	.8	1	1
	Tyler, Tex.										
	All industries, total.....	-	-	83.2	2.7	3.9	1.3	(Z)	-	(X)	18
	Utica-Rome, N.Y.										
	All industries, total.....	68.1	.8	(S)	.1	2.6	1.7	(Z)	1.4	1	5
33	Primary metal industries.....	-	-	-	-	.8	.8	-	(Z)	(X)	1
35	Machinery, except electrical.....	11.0	.1	-	-	.2	.1	-	.3	1	7
	Vallejo-Napa, Calif.										
	All industries, total.....	-	-	-	-	8.7	3.5	(Z)	.3	(X)	15
	Vineland-Millville-Bridgeton, N.J.										
	All industries, total.....	-	-	-	-	9.3	5.1	.3	.7	(X)	1
	Waco, Tex.										
	All industries, total.....	-	-	-	-	4.4	1.2	.4	.8	(X)	5
	Washington, D.C.-Md.-Va.										
	All industries, total.....	.2	(Z)	(S)	(Z)	1.9	1.3	1.1	1.7	1	8
20	Food and kindred products.....	.1	(Z)	-	-	.7	.5	(Z)	.3	1	18
27	Printing and publishing.....	-	-	.9	(Z)	.4	.3	.2	.2	(X)	2
36	Electrical equipment and supplies.....	-	-	-	-	.3	.2	-	.1	(X)	13
	Waterbury, Conn.										
	All industries, total.....	1.5	(Z)	-	-	2.0	2.2	.1	.6	1	1
	Waterloo, Iowa										
	All industries, total.....	77.2	1.0	(S)	1.5	4.0	1.6	.1	.2	1	2
	West Palm Beach, Fla.										
	All industries, total.....	-	-	-	-	(Z)	(Z)	.4	.9	(X)	1
	Wheeling, W. Va.										
	All industries, total.....	760.1	5.3	(S)	.5	12.0	6.6	.9	0.2	1	6
	Wichita, Kans.										
	All industries, total.....	-	-	(S)	(Z)	20.5	6.2	.1	(Z)	(X)	1
	Wilkes-Barre-Hazleton, Pa.										
	All industries, total.....	23.7	.3	(S)	(Z)	4.0	2.3	.2	1.1	35	1
20	Food and kindred products.....	1.3	(Z)	-	-	.6	.3	-	.2	31	9
23	Apparel, other textile products.....	4.5	.1	-	-	(Z)	(Z)	(Z)	.4	63	25
	Wilmington, Del.-N.J.-Md.										
	All industries, total.....	.2	(Z)	-	-	13.5	7.5	15.4	1.3	1	1
28	Chemicals and allied products.....	-	-	-	-	5.0	2.6	11.6	.3	(X)	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	.3	.2	-	.1	(X)	7
	Wilmington, N.C.										
	All industries, total.....	-	-	-	-	1.2	.6	(Z)	.3	(X)	3

See footnotes at end of table.

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Kilowatt- hours equivalent (billions) Col. A	Total cost (million dollars) Col. B	Fuel oil						Standard error of estimate (percent) ¹ for column—	
				Total		Distillate		Residual			
				Quantity (1,000 barrels) Col. C	Cost (million dollars) Col. D	Quantity (1,000 barrels) Col. E	Cost (million dollars) Col. F	Quantity (1,000 barrels) Col. G	Cost (million dollars) Col. H	B	D
	Worcester, Mass.										
	All industries, total.....	4.0	9.1	909.8	3.6	247.1	1.1	662.8	2.5	4	
	York, Pa.										
	All industries, total.....	7.1	14.0	840.7	3.6	232.1	1.0	608.6	2.5	6	5
20	Food and kindred products.....	.7	1.4	140.7	.5	76.1	.3	64.5	.2	19	38
25	Furniture and fixtures.....	.1	.4	29.3	.1	29.3	.1	-	-	13	5
26	Paper and allied products.....	2.3	4.0	198.3	.9	31.0	.1	167.4	.8	4	1
34	Fabricated metal products.....	.3	.6	27.2	.1	27.2	.1	-	-	9	1
35	Machinery, except electrical.....	.7	1.6	111.2	.5	20.3	.1	90.9	.4	1	1
	Youngstown-Warren, Ohio										
	All industries, total.....	21.7	40.2	1,795.9	9.1	1,495.5	7.6	300.4	1.5	1	1
33	Primary metal industries.....	18.2	33.1	1,762.4	9.0	1,462.4	7.4	300.0	1.5	1	1
34	Fabricated metal products.....	.7	1.8	4.5	(Z)	4.5	(Z)	-	-	6	1
35	Machinery, except electrical.....	.2	.5	.3	(Z)	.3	(Z)	-	-	7	1
36	Electrical equipment and supplies.....	.2	.4	-	-	-	-	-	-	1	(X)
37	Transportation equipment.....	1.0	1.9	1.9	(Z)	1.9	(Z)	-	-	1	1
	New York, New York-Northeastern New Jersey										
	All industries, total.....	101.1	235.5	24,852.7	114.6	13,930.2	65.1	10,922.5	49.5	3	7
20	Food and kindred products.....	12.9	29.3	2,820.1	13.5	1,448.9	7.2	1,371.2	6.3	8	8
22	Textile mill products.....	4.0	9.2	662.2	2.7	276.0	1.2	386.2	1.4	11	8
23	Apparel, other textile products.....	2.0	6.3	135.2	.6	108.3	.5	26.9	.1	15	10
24	Lumber and wood products.....	.2	.5	19.9	.1	10.8	(Z)	9.0	(Z)	18	26
25	Furniture and fixtures.....	.6	1.5	122.0	.5	99.4	.4	22.6	.1	9	21
26	Paper and allied products.....	9.9	21.6	3,480.3	15.9	1,725.8	7.6	1,754.5	8.4	2	2
27	Printing and publishing.....	2.1	5.3	186.0	.8	145.5	.7	40.5	.1	6	7
28	Chemicals and allied products.....	25.5	57.9	6,867.4	32.1	4,182.2	18.9	2,685.3	13.2	1	1
29	Petroleum and coal products.....	4.6	7.4	1,517.0	5.6	599.4	2.5	917.6	3.0	4	1
30	Rubber and plastics products, n.e.c.....	2.5	5.0	291.2	1.5	174.4	.9	116.8	.5	5	6
31	Leather and leather products.....	.5	1.1	105.1	.5	92.5	.4	12.6	.1	13	6
33	Primary metal industries.....	7.4	20.9	2,266.8	10.5	709.7	3.4	1,557.1	7.1	4	2
34	Fabricated metal products.....	5.8	14.3	700.0	3.0	382.7	1.8	317.3	1.1	10	8
35	Machinery, except electrical.....	3.6	8.1	536.8	2.5	350.9	1.6	186.0	.9	7	13
36	Electrical equipment and supplies.....	4.0	9.4	773.2	3.8	370.0	1.8	403.2	2.0	8	3
37	Transportation equipment.....	3.3	8.7	1,054.1	5.1	592.6	2.9	461.5	2.2	1	2
38	Instruments and related products.....	1.1	2.9	181.5	.8	81.8	.4	99.8	.5	5	6
39	Miscellaneous manufacturing industries.....	1.9	4.1	266.7	1.2	161.6	.7	105.1	.5	7	13
	Chicago, Illinois-Northwestern Indiana										
	All industries, total.....	162.7	327.4	14,307.7	60.5	6,413.3	29.0	7,894.4	31.4	1	1
20	Food and kindred products.....	13.5	25.7	962.5	4.6	324.8	1.6	637.7	3.0	1	2
22	Textile mill products.....	.4	.8	37.4	.2	8.8	(Z)	28.6	.1	6	17
25	Furniture and fixtures.....	1.1	2.4	92.7	.4	44.0	.2	48.6	.2	8	31
26	Paper and allied products.....	4.3	7.9	395.4	1.7	256.3	1.2	139.2	.5	1	1
27	Printing and publishing.....	2.6	5.6	216.6	1.0	185.2	.8	31.5	.1	4	4
28	Chemicals and allied products.....	16.1	27.4	1,050.1	4.8	509.7	2.2	540.4	2.5	1	1
29	Petroleum and coal products.....	10.0	23.9	2,061.3	7.9	145.1	.7	1,916.1	7.2	1	1
30	Rubber and plastics products, n.e.c.....	1.5	2.7	106.3	.5	59.5	.3	46.8	.2	6	10
31	Leather and leather products.....	.4	.8	60.3	.3	25.7	.1	34.6	.2	12	7
32	Stone, clay, and glass products.....	8.7	14.9	309.7	1.2	168.7	.8	141.0	.4	4	7
33	Primary metal industries.....	82.1	169.0	7,204.7	30.1	3,536.1	15.7	3,668.6	14.3	1	1
34	Fabricated metal products.....	7.7	16.4	419.7	1.8	255.6	1.2	164.1	.6	5	7
35	Machinery, except electrical.....	5.1	10.6	373.2	1.8	207.2	1.0	166.1	.8	2	5
36	Electrical equipment and supplies.....	4.3	9.0	388.2	1.6	192.3	.8	195.9	.8	2	6
37	Transportation equipment.....	1.9	4.3	334.1	1.6	268.1	1.4	65.9	.3	2	1
38	Instruments and related products.....	1.1	2.2	109.7	.4	90.6	.4	19.1	.1	4	27
39	Miscellaneous manufacturing industries.....	.9	2.0	119.9	.5	96.9	.4	23.0	.1	15	8

Note: Detailed figures may not add to totals because of independent rounding. The totals shown for SMSA's include data for all component industry groups whether or not separate figures are shown for the individual industry groups that comprise the totals. For a description of the Standard Metropolitan Statistical Areas, see Appendix.

- Represents zero. (Z) For costs, represents less than \$50 thousand; for kilowatt-hour equivalents and quantity of natural gas, represents less than 50 million units; for quantity of fuel oil, coal, and coke, represents less than 50 units. (S) Withheld because the estimate did not meet publication

**TABLE 5. Quantity and Cost of Purchased Fuels Used for Heat and Power
by Standard Metropolitan Statistical Area and Industry Group: 1971—Continued**

Code	Standard metropolitan statistical area and industry group	Bituminous coal, lignite and anthracite		Coke and breeze		Natural gas		Other fuels	Fuels not specified by kind	Standard error of estimate (percent) ¹ for column—	
		Quantity	Cost	Quantity	Cost	Quantity	Cost			J	N
		(1,000 short tons) Col. I	(million dollars) Col. J	(1,000 short tons) Col. K	(million dollars) Col. L	(billion cu. ft.) Col. M	(million dollars) Col. N	(million dollars) Col. O	(million dollars) Col. P		
	Worcester, Mass.										
	All industries, total.....	.9	(Z)	(S)	.1	3.1	3.1	(Z)	2.2	1	8
	York, Pa.										
	All industries, total.....	396.2	5.1	(S)	.2	4.8	3.1	.2	1.8	11	9
20	Food and kindred products.....	-	-	-	-	.7	.5	(Z)	.4	(X)	1
25	Furniture and fixtures.....	3.9	.1	-	-	.2	.1	-	(Z)	59	7
26	Paper and allied products.....	196.7	2.4	-	-	.2	.1	(Z)	.5	1	1
34	Fabricated metal products.....	4.0	.1	-	-	.3	.1	-	.3	82	1
35	Machinery, except electrical.....	10.7	.2	(S)	(Z)	1.1	.8	-	.2	1	1
	Youngstown-Warren, Ohio										
	All industries, total.....	641.4	3.2	(S)	4.2	34.5	20.9	1.8	1.0	1	1
33	Primary metal industries.....	579.0	2.5	(S)	4.2	26.3	15.7	1.3	.4	1	1
34	Fabricated metal products.....	9.8	.1	-	-	1.8	1.2	.5	.1	1	11
35	Machinery, except electrical.....	.3	(Z)	-	-	.5	.3	(Z)	.2	1	10
36	Electrical equipment and supplies.....	.1	(Z)	-	-	.4	.3	-	.1	1	1
37	Transportation equipment.....	32.9	.3	-	-	2.4	1.5	(Z)	(Z)	1	1
	New York, New York-Northeastern New Jersey										
	All industries, total.....	327.9	4.1	131.1	4.3	69.6	42.6	21.9	48.0	4	3
20	Food and kindred products.....	30.4	.3	(S)	(Z)	14.0	8.8	1.3	5.3	58	14
22	Textile mill products.....	1.8	(Z)	-	-	1.4	.8	2.4	3.2	53	12
23	Apparel, other textile products.....	1.7	(Z)	-	-	.6	.3	1.8	3.7	75	49
24	Lumber and wood products.....	-	-	-	-	.3	.2	(Z)	.3	(X)	11
25	Furniture and fixtures.....	-	-	-	-	.4	.3	.1	.6	(X)	29
26	Paper and allied products.....	.1	(Z)	-	-	2.7	1.5	.6	3.6	1	7
27	Printing and publishing.....	-	-	-	-	1.9	.8	.7	2.9	(X)	17
28	Chemicals and allied products.....	264.6	3.3	(S)	.6	15.1	8.1	8.3	5.6	1	1
29	Petroleum and coal products.....	-	-	-	-	.2	.1	.2	1.6	(X)	5
30	Rubber and plastics products, n.e.c.....	10.6	.2	-	-	2.7	1.7	.1	1.5	15	6
31	Leather and leather products.....	-	-	-	-	.1	(Z)	(Z)	.6	(X)	62
33	Primary metal industries.....	2.8	.1	81.9	3.3	4.7	3.6	2.0	1.4	80	9
34	Fabricated metal products.....	.7	(Z)	(S)	.1	4.7	3.3	1.5	6.5	93	6
35	Machinery, except electrical.....	9.0	.2	(S)	(Z)	3.2	2.1	.3	3.1	1	4
36	Electrical equipment and supplies.....	-	-	-	-	3.9	2.2	.9	2.5	(X)	4
37	Transportation equipment.....	4.7	.1	(S)	(Z)	3.4	2.7	.3	.6	1	2
38	Instruments and related products.....	-	-	-	-	.8	.5	.8	.8	(X)	6
39	Miscellaneous manufacturing industries.....	.6	(Z)	-	-	1.0	.6	.2	2.2	89	6
	Chicago, Illinois-Northwestern Indiana										
	All industries, total.....	2,058.8	22.6	2,157.4	52.3	288.7	148.5	19.6	23.8	1	1
20	Food and kindred products.....	254.0	3.3	-	-	23.8	12.6	1.2	4.0	1	1
22	Textile mill products.....	-	-	-	-	.4	.2	-	.4	(X)	7
25	Furniture and fixtures.....	21.6	.4	-	-	2.1	1.3	(Z)	.3	3	9
26	Paper and allied products.....	45.3	.6	-	-	7.6	4.2	.2	1.2	5	2
27	Printing and publishing.....	-	-	-	-	5.6	3.2	.1	1.3	(X)	5
28	Chemicals and allied products.....	379.6	4.0	(S)	.2	27.7	14.4	1.1	2.8	1	1
29	Petroleum and coal products.....	2.3	(Z)	-	-	15.1	7.6	8.1	.3	1	1
30	Rubber and plastics products, n.e.c.....	-	-	-	-	2.1	1.2	.1	.9	(X)	6
31	Leather and leather products.....	-	-	-	-	.9	.5	-	.1	(X)	11
32	Stone, clay, and glass products.....	532.8	6.1	(S)	.1	10.7	5.9	.7	.9	1	6
33	Primary metal industries.....	616.6	5.4	2,139.7	52.0	152.2	73.1	6.8	1.6	1	1
34	Fabricated metal products.....	42.2	.7	(S)	(Z)	15.4	9.2	.5	4.2	1	6
35	Machinery, equipment and supplies.....	64.1	.7	(S)	(Z)	8.6	5.1	.3	2.6	7	5
36	Electrical equipment and supplies.....	30.6	.4	(S)	(Z)	10.4	6.3	.4	.3	1	4
37	Transportation equipment.....	50.4	.8	-	-	2.3	1.4	(Z)	.4	1	3
38	Instruments and related products.....	.2	(Z)	-	-	1.8	1.1	(Z)	.7	86	10
39	Miscellaneous manufacturing industries.....	7.9	.1	-	-	1.3	.8	.1	.6	1	14

standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. Unpublished estimates in this table, including those which can be derived by subtraction, should be considered generally unreliable. (X) Not applicable.

¹A description of the standard error of estimate is given in the text. The percentage standard errors shown for columns B, D, J, and N are the approximate relative standard errors of the estimates of level.

Table 6. Fuels and Electric Energy Used for Heat and Power by Major Industry Group:
1971, 1967, 1962, 1958 and 1954.

Code	Industry group	Year	Purchased fuels and electric energy		Total cost of purchased fuels (million dollars)	Electric energy		
			Kilowatt-hours equivalent ¹ (millions)	Total cost (million dollars)		Purchased		Generated less sold (million kw.-hrs.)
						Quantity (million kw.-hrs.)	Cost (million dollars)	
	All industries, total.....	1971	3,815,680.4	10,441.1	5,360.6	517,780.4	5,079.9	82,750.1
		1967	3,461,407.3	7,691.7	3,974.9	427,465.1	3,716.8	78,355.8
		1962	2,875,291.0	6,184.1	3,360.7	313,961.0	2,823.3	74,261.0
		1958	2,417,309.0	5,067.0	2,836.2	252,909.0	2,230.8	66,850.0
		1954	2,220,212.0	4,931.7	3,203.9	187,148.0	1,727.8	60,639.0
		20	Food and kindred products.....	1971	302,249.7	895.2	464.7	35,449.7	430.5	2,636.5
1967	263,655.1			661.6	345.4	24,401.4	316.2	2,386.6
1962	235,200.0			595.3	325.3	19,055.0	269.9	2,442.0
1958	224,545.0			518.2	293.9	15,778.0	224.3	2,266.0
1954	236,020.0			419.1	250.4	12,005.0	168.6	1,967.0
21	Tobacco manufactures.....			1971	5,508.9	19.7	9.5	908.9	10.1	102.9
		1967	5,671.9	15.0	7.1	737.3	7.9	112.9
		1962	3,971.0	10.4	5.2	398.0	5.2	(S)
		1958	3,878.0	9.3	4.9	327.0	4.4	131.0
		1954	3,629.0	7.9	4.4	241.0	3.5	89.0
		22	Textile mill products.....	1971	106,552.2	401.2	159.7	24,952.2	241.5	506.5
1967	92,428.0			284.5	105.9	20,264.4	178.6	531.4
1962	73,253.0			221.5	87.1	14,143.0	134.4	795.0
1958	66,593.0			201.2	84.0	11,925.0	117.1	903.0
1954	73,763.0			190.5	77.6	10,959.0	112.8	1,191.0
23	Apparel and other textile products.....			1971	19,411.9	131.1	33.3	5,511.9	97.8	27.5
		1967	13,853.5	94.2	27.3	3,595.1	67.0	15.6
		1962	9,737.0	62.7	19.3	2,218.0	43.4	10.0
		1958	9,959.0	51.6	15.8	1,751.0	35.8	13.0
		1954	7,870.0	37.4	13.4	940.0	24.1	4.0
		24	Lumber and wood products.....	1971	66,614.6	288.1	154.7	9,314.6	133.4	1,087.0
1967	54,993.4			204.3	115.1	7,297.0	89.2	675.4
1962	34,489.0			151.9	87.6	4,486.0	64.3	1,016.0
1958	26,443.0			119.8	70.3	3,404.0	49.5	966.0
1954	29,790.0			99.2	57.7	3,218.0	41.5	1,051.0
25	Furniture and fixtures.....			1971	18,140.0	84.2	30.2	3,940.0	54.0	78.3
		1967	13,544.9	58.2	21.0	2,473.7	37.2	46.4
		1962	10,668.0	45.0	17.2	1,692.0	27.8	(S)
		1958	10,032.0	34.2	14.9	1,391.0	24.3	68.0
		1954	9,513.0	30.6	11.8	1,131.0	18.8	86.0
		26	Paper and allied products.....	1971	385,499.4	872.0	572.4	34,999.4	309.6	25,384.3
1967	338,896.3			576.8	367.2	25,857.8	209.6	23,211.4
1962	272,175.0			458.8	302.9	17,052.0	155.9	21,165.0
1958	236,344.0			382.7	266.4	12,538.0	116.3	16,978.0
1954	190,046.0			311.5	220.0	10,852.0	91.5	12,687.0
27	Printing and publishing.....			1971	30,595.6	182.7	46.0	9,595.6	136.7	31.5
		1967	19,374.9	120.2	32.1	5,817.2	88.1	(S)
		1962	14,485.0	91.9	24.7	4,014.0	67.2	5.0
		1958	11,996.0	73.5	21.8	3,009.0	51.7	10.0
		1954	8,523.0	52.3	16.1	1,680.0	36.2	5.0
		28	Chemicals and allied products.....	1971	779,732.2	1,674.3	894.0	99,632.2	780.3	19,563.4
1967	721,028.4			1,188.3	605.5	95,413.6	582.8	21,414.4
1962	550,122.0			951.3	451.6	90,355.0	499.6	17,870.0
1958	451,882.0			788.2	359.5	85,564.0	428.6	14,513.0
1954	374,138.0			621.3	335.3	46,255.0	286.0	14,911.0
29	Petroleum and coal products.....			1971	466,990.3	636.9	447.6	23,690.3	189.3	5,429.1
		1967	408,482.6	456.9	322.4	18,185.9	134.5	4,094.6
		1962	335,460.0	365.1	263.0	12,652.0	102.2	4,012.0
		1958	273,041.0	262.3	184.9	9,496.0	77.4	3,818.0
		1954	189,470.0	150.6	102.9	5,863.0	47.7	3,579.0
		30	Rubber and plastics products, n.e.c.....	1971	67,696.6	268.1	89.8	16,396.6	178.3	668.3
1967	53,567.8			175.1	57.8	10,184.2	117.3	583.3
1962	41,873.0			127.0	45.5	6,691.0	81.5	(S)
1958	35,930.0			97.9	39.3	4,819.0	58.5	641.0
1954	33,021.0			76.8	31.1	3,961.0	45.6	675.0
31	Leather and leather products.....			1971	10,068.3	42.1	16.6	1,708.3	25.2	41.2
		1967	9,750.0	34.1	13.5	1,288.0	20.6	45.5
		1962	9,260.0	30.6	14.6	891.0	15.9	65.0
		1958	9,403.0	28.6	13.9	776.0	14.7	161.0
		1954	8,563.0	24.0	12.2	645.0	11.9	71.0

See footnotes at end of table.

Table 6. Fuels and Electric Energy Used for Heat and Power by Major Industry Group:
1971, 1967, 1962, 1958 and 1954—Continued

Code	Industry group	Year	Purchased fuels and electric energy		Total cost of purchased fuels (million dollars)	Electric energy		
			Kilowatt-hours equivalent ¹ (millions)	Total cost (million dollars)		Purchased		Generated less sold (million kw.-hrs.)
						Quantity (million kw.-hrs.)	Cost (million dollars)	
32	Stone, clay, and glass products.....	1971	382,350.6	833.5	572.3	24,850.6	261.2	894.2
		1967	360,133.1	637.8	437.5	19,570.0	200.3	1,240.7
		1962	309,498.0	555.7	388.4	15,538.0	167.3	1,799.0
		1958	276,965.0	469.0	338.1	12,091.0	130.9	2,268.0
		1954	265,291.0	369.9	274.7	9,157.0	95.1	2,416.0
33	Primary metal industries.....	1971	717,806.4	2,098.2	1,151.4	122,406.4	946.8	24,613.3
		1967	709,924.8	1,635.7	942.2	109,468.6	693.5	22,482.4
		1962	674,834.0	1,379.8	879.8	71,251.0	500.0	22,470.0
		1958	518,458.0	1,113.3	743.5	50,663.0	369.8	22,433.0
		1954	533,471.0	1,794.4	1,438.3	47,429.0	316.0	19,812.0
34	Fabricated metal products.....	1971	103,102.8	444.6	178.2	20,302.8	266.4	126.2
		1967	87,258.4	352.7	145.2	14,694.2	207.3	84.7
		1962	62,491.0	247.7	109.9	8,881.0	137.8	(S)
		1958	55,562.0	200.6	91.8	7,130.0	108.8	161.0
		1954	52,679.0	167.2	78.5	5,947.0	88.7	96.0
35	Machinery, except electrical.....	1971	107,622.7	466.7	172.5	22,322.7	294.2	373.1
		1967	91,266.3	356.0	138.8	16,659.3	217.2	596.1
		1962	69,018.0	254.7	106.9	10,330.0	147.8	591.0
		1958	61,606.0	210.5	95.3	7,603.0	115.2	496.0
		1954 ²	98,999.0	307.9	141.5	12.4	166.4	937.0
36	Electrical equipment and supplies.....	1971	80,169.2	384.6	116.4	23,569.2	268.0	183.0
		1967	68,964.4	289.4	89.5	19,012.7	199.9	192.3
		1962	50,780.0	207.8	70.2	11,699.0	137.7	225.0
		1958	41,170.0	153.6	58.5	7,688.0	95.1	326.0
37	Transportation equipment.....	1971	113,874.9	493.4	178.3	27,474.9	315.1	(S)
		1967	107,066.3	379.5	141.3	23,468.3	238.2	87.0
		1962	86,870.0	306.0	112.9	17,490.0	193.1	275.0
		1958	77,758.0	253.4	100.2	13,375.0	153.2	270.0
		1954	73,647.0	217.9	94.4	11,118.0	123.5	686.0
38	Instruments and related products.....	1971	20,126.9	85.3	33.9	3,626.9	51.4	(S)
		1967	15,393.4	55.8	21.7	2,493.3	34.1	589.2
		1962	11,448.0	43.1	17.8	1,744.0	25.3	434.0
		1958	9,367.0	31.6	14.4	1,083.0	17.2	354.0
		1954	7,989.0	21.8	10.4	728.0	11.4	268.0
19	Ordnance and accessories.....	1971	31,727.2	139.2	49.1	7,127.2	90.1	(S)
39	Miscellaneous manufacturing industries.....	1967	26,128.8	115.8	38.5	6,583.1	77.3	(S)
		1962	19,659.0	77.9	30.9	3,382.0	47.0	180.0
		1958	16,377.0	62.6	24.8	2,498.0	37.8	74.0
		1954	21,739.0	64.6	28.6	2,502.0	36.0	108.0

Note: Detailed figures may not add to totals because of independent rounding.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of the estimate or on the basis of a consistency review.

¹Represents the kilowatt-hours equivalent of all fuels used for heat and power plus the quantity of purchased electricity.

²Data for Major Group 35 for 1954 represent combined data for Major Groups 35 and 36.

TABLE 7. Fuels and Electric Energy Used for Heat and Power by Industry Group: 1971

Code	Major industry group and industry	Purchased fuels and electric energy		Total cost of purchased fuels (million dollars)	Electric energy		
		Kilowatt-hours equivalent ¹ (billions)	Total cost (million dollars)		Purchased		Generated less sold (billion kw.-hrs.)
					Quantity (billion kw.-hrs.)	Cost (million dollars)	
	ALL INDUSTRIES, TOTAL.....	3,815.7	10,441.1	5,360.6	517.8	5,079.9	82.8
20	Food and kindred products.....	302.2	895.2	464.7	35.4	430.5	2.6
21	Tobacco manufactures.....	5.5	19.7	9.5	0.9	10.1	0.1
22	Textile mill products.....	106.6	401.2	159.7	25.0	241.5	0.5
23	Apparel and other textile products.....	19.4	131.1	33.3	5.5	97.8	(S)
24	Lumber and wood products.....	66.6	288.1	154.7	9.3	133.4	1.1
25	Furniture and fixtures.....	18.1	84.2	30.2	3.9	54.0	0.1
26	Paper and allied products.....	385.5	872.0	562.4	35.0	309.6	25.4
27	Printing and publishing.....	30.6	182.7	46.0	9.6	136.7	(S)
28	Chemicals and allied products.....	779.7	1,674.3	894.0	99.6	780.3	19.6
29	Petroleum and coal products.....	467.0	636.9	447.6	23.7	189.3	5.4
30	Rubber and plastics products, n.e.c.....	67.7	268.1	89.8	16.4	178.3	0.7
31	Leather and leather products.....	10.0	42.1	16.7	1.7	25.2	(S)
32	Stone, clay, and glass products.....	382.4	833.5	572.3	24.9	261.2	0.9
33	Primary metal industries.....	717.8	2,098.2	1,151.4	122.4	946.8	24.6
34	Fabricated metal products.....	103.1	444.6	178.2	20.3	266.4	0.1
35	Machinery, except electrical.....	107.6	466.7	172.5	22.3	294.2	0.4
36	Electrical equipment and supplies.....	80.2	384.6	116.7	23.6	268.0	0.2
37	Transportation equipment.....	113.7	493.4	178.3	27.3	315.1	(S)
38	Instruments and related products.....	20.1	85.3	33.9	3.6	51.4	(S)
39	Miscellaneous manufacturing industries.....	17.8	80.1	30.4	3.2	49.7	(S)
19	Ordnance and accessories.....	13.9	59.1	18.7	3.9	40.4	(S)
20	Food and kindred products.....	302.2	895.2	464.7	35.4	430.5	2.6
201	Meat products.....	39.3	130.8	57.0	6.0	73.8	0.2
202	Dairy products.....	33.4	123.2	54.3	4.9	69.0	(S)
203	Canned, cured, and frozen foods.....	39.6	124.4	65.1	5.4	59.3	(S)
204	Grain mill products.....	42.9	118.1	57.3	5.3	60.8	0.8
205	Bakery products.....	19.1	66.5	32.9	2.9	33.6	(S)
206	Sugar.....	38.7	61.1	56.7	0.4	5.0	1.2
207	Confectionery and related products.....	6.5	27.3	10.6	1.3	16.7	(S)
208	Beverages.....	35.0	109.2	57.0	3.8	50.2	0.2
209	Miscellaneous foods and kindred products.....	47.7	136.0	73.9	5.5	62.1	(S)
21	Tobacco manufactures.....	5.5	19.7	9.5	0.9	10.1	0.1
211	Cigarettes.....	3.0	10.1	5.3	0.5	4.8	0.1
212	Cigars.....	0.3	1.7	3.0	0.9	1.3	(S)
213	Chewing and smoking tobacco.....	0.3	1.1	0.6	(Z)	0.5	(S)
214	Tobacco stemming and redrying.....	1.9	6.8	3.1	0.3	3.5	(S)
22	Textile mill products.....	106.6	401.2	159.7	25.0	241.5	0.5
221	Weaving mills, cotton.....	14.2	60.7	14.5	5.4	46.2	0.2
222	Weaving mills, synthetics.....	14.8	63.7	16.7	5.6	47.0	0.1
223	Weaving and finishing mills, wool.....	3.7	13.1	6.6	0.6	6.5	(S)
224	Narrow fabric mills.....	1.4	6.5	2.1	0.3	4.4	(S)
225	Knitting mills.....	17.3	65.8	28.2	0.4	37.6	(S)
226	Textile finishing, except wool.....	25.3	65.7	47.7	1.6	18.0	0.2
227	Floor covering mills.....	9.6	28.2	18.0	0.9	10.3	(S)
228	Yarn and thread mills.....	11.4	60.6	11.4	5.5	49.2	(S)
229	Miscellaneous textile goods.....	8.9	36.9	14.6	2.0	22.3	(S)
23	Apparel and other textile products.....	19.4	131.1	33.3	5.5	97.8	(S)
231	Men's and boys' suits and coats.....	1.7	10.9	3.2	0.4	7.6	(S)
232	Men's and boys' furnishings.....	4.4	26.6	7.0	1.3	19.7	(S)
233	Women's and misses' outerwear.....	4.7	44.8	9.1	1.3	35.7	(S)
234	Women's and children's undergarments.....	1.0	7.7	1.6	0.4	6.1	(S)
235	Hats, caps, and millinery.....	0.2	1.6	0.5	(Z)	1.1	(S)
236	Children's outerwear.....	0.7	4.9	0.9	0.3	4.0	(S)
238	Miscellaneous apparel and accessories.....	0.8	5.4	1.5	0.2	3.9	(S)
239	Miscellaneous fabricated textile products.....	5.8	29.4	9.3	1.5	20.1	(S)
24	Lumber and wood products.....	66.6	288.1	154.7	9.3	133.4	1.1
241	Logging camps and logging contractors.....	13.4	48.3	45.4	0.2	2.9	(S)
242	Sawmills and planing mills.....	24.4	126.0	58.7	3.7	67.3	0.6
243	Millwork, plywood, and related products.....	13.9	58.8	24.4	3.2	34.4	(S)
244	Wooden containers.....	0.9	4.9	1.8	0.2	3.1	(S)
249	Miscellaneous wood products.....	14.0	50.2	24.5	2.0	25.7	(S)
25	Furniture and fixtures.....	18.1	84.2	30.2	3.9	54.0	0.1
251	Household furniture.....	11.1	53.8	18.2	2.7	35.6	(S)
252	Office furniture.....	1.9	8.4	3.3	0.4	5.1	(S)
253	Public building furniture.....	1.1	4.5	1.7	0.2	2.8	(S)
254	Partitions and fixtures.....	2.8	11.9	4.7	0.4	7.2	16.4
259	Miscellaneous furniture and fixtures.....	1.3	5.5	2.3	0.2	3.3	(S)
26	Paper and allied products.....	385.5	872.0	562.4	35.0	309.6	25.4
261	Pulpmills.....	26.3	57.8	41.4	2.5	16.4	2.3
262	Papermills, except building paper.....	171.1	375.3	240.5	16.8	134.8	12.5
263	Paperboard mills.....	134.7	256.2	200.1	6.7	56.1	10.4

See footnotes at end of table.

TABLE 7. Fuels and Electric Energy Used for Heat and Power by Industry Group: 1971—Continued

Code	Major industry group and industry	Purchased fuels and electric energy		Total cost of purchased fuels (million dollars)	Electric energy		
		Kilowatt-hours equivalent ¹ (billions)	Total cost (million dollars)		Purchased		Generated less sold (billion kw.-hrs.)
					Quantity (billion kw.-hrs.)	Cost (million dollars)	
26	Paper and allied products--Continued						
264	Miscellaneous converted paper products.....	20.4	73.8	28.7	4.0	45.1	(S)
265	Paperboard containers and boxes.....	19.7	73.5	31.0	3.4	42.5	(S)
266	Building paper and board mills.....	13.2	35.5	20.8	1.6	14.7	(S)
27	Printing and publishing.....	30.6	182.7	46.0	9.6	136.7	(S)
271	Newspapers.....	6.8	44.0	9.7	2.4	34.3	(S)
272	Periodicals.....	1.0	6.9	1.2	0.4	5.8	(S)
273	Books.....	2.7	17.6	4.1	1.0	13.5	(S)
274	Miscellaneous publishing.....	(S)	(S)	(S)	0.2	2.7	(S)
275	Commercial printing.....	14.6	81.7	23.1	4.1	58.6	(S)
276	Manifold business forms.....	1.3	8.4	2.0	0.5	6.5	(S)
277	Greeting card publishing.....	(S)	(S)	(S)	0.2	2.7	(S)
278	Blankbooks and bookbinding.....	1.2	8.1	1.7	0.5	6.4	(S)
279	Printing trade services.....	1.0	7.8	1.6	0.4	6.2	(S)
28	Chemicals and allied products.....	779.7	1,674.3	894.0	99.6	780.3	19.6
281	Industrial chemicals.....	544.9	1,119.4	576.9	75.2	542.3	15.8
282	Plastics materials and synthetics.....	132.4	286.5	173.8	13.7	112.7	3.1
283	Drugs.....	19.5	63.0	30.1	2.8	32.9	0.7
284	Soap, cleaners, and toilet goods.....	15.7	47.4	24.2	1.5	23.2	(S)
285	Paints and allied products.....	6.0	22.1	9.3	0.8	12.8	(S)
286	Gum and wood chemicals.....	2.9	6.6	5.3	0.2	1.3	(S)
287	Agricultural chemicals.....	24.1	53.5	25.2	3.0	28.3	(S)
289	Miscellaneous chemical products.....	34.2	75.9	49.3	2.5	26.6	0.3
29	Petroleum and coal products.....	467.0	636.9	447.6	23.7	189.3	5.4
291	Petroleum refining.....	444.9	585.6	412.4	22.6	173.2	5.4
295	Paving and roofing materials.....	18.3	43.6	30.2	0.9	13.7	(S)
299	Miscellaneous petroleum and coal products.....	3.8	7.5	5.1	0.2	2.4	(S)
30	Rubber and plastics products, n.e.c.....	67.7	268.1	89.8	16.4	178.2	0.7
301	Tires and inner tubes.....	23.7	70.9	29.6	4.1	41.3	(S)
302	Rubber footwear.....	1.0	5.1	1.8	0.2	3.3	(S)
303	Reclaimed rubber.....	0.4	1.9	0.6	0.1	1.3	(S)
306	Fabricated rubber products, n.e.c.....	15.8	56.3	24.9	2.7	31.3	(S)
307	Miscellaneous plastics products.....	26.5	134.1	33.0	9.2	101.1	(S)
31	Leather and leather products.....	10.0	42.1	16.7	1.7	25.2	(S)
311	Leather tanning and finishing.....	5.1	15.7	10.1	0.3	5.6	(S)
312	Industrial leather belting.....	(S)	(S)	(S)	(Z)	0.4	(S)
313	Footwear cut stock.....	0.5	2.2	0.8	0.1	1.3	(S)
314	Footwear, except rubber.....	2.9	15.6	4.0	0.8	11.6	(S)
315	Leather gloves and mittens.....	0.2	0.6	0.3	(Z)	0.3	(S)
316	Luggage.....	0.3	2.3	0.4	0.1	1.9	(S)
317	Handbags and personal leather goods.....	0.6	4.3	0.6	0.3	3.6	(S)
319	Leather goods, n.e.c.....	0.2	0.7	0.2	(Z)	0.5	(S)
32	Stone, clay, and glass products.....	382.4	833.5	572.3	24.9	261.2	0.9
321	Flat glass.....	17.3	34.5	24.7	0.9	8.8	(S)
322	Glass and glassware, pressed or blown.....	61.7	146.7	99.7	5.0	47.0	(S)
323	Products of purchased glass.....	4.1	14.4	6.6	0.6	7.8	(S)
324	Cement, hydraulic.....	134.4	243.1	163.7	8.5	79.4	0.6
325	Structural clay products.....	40.3	82.1	63.7	1.3	18.4	(S)
326	Pottery and related products.....	7.6	19.4	12.6	0.6	6.8	(S)
327	Concrete, gypsum, and plaster products.....	75.8	179.7	133.9	3.4	45.8	(S)
328	Cut stone and stone products.....	1.4	5.7	2.2	0.3	3.6	(S)
329	Miscellaneous nonmetallic mineral products.....	39.6	108.0	64.4	4.2	43.6	(S)
33	Primary metal industries.....	717.8	2,098.2	1,151.4	122.4	946.8	24.6
331	Blast furnace and basic steel products.....	445.5	1,250.5	784.2	50.0	466.3	12.3
332	Iron and steel foundries.....	46.4	207.4	109.6	7.9	97.8	(S)
333	Primary nonferrous metals.....	131.2	320.0	100.0	49.9	219.9	12.2
334	Secondary nonferrous metals.....	8.0	23.1	15.4	0.5	7.7	(S)
335	Nonferrous rolling and drawing.....	46.9	173.4	71.4	9.9	102.1	0.1
336	Nonferrous foundries.....	12.0	43.0	20.7	1.7	22.3	(S)
339	Miscellaneous primary metal products.....	27.9	80.8	50.1	2.6	30.7	(S)
34	Fabricated metal products.....	103.1	444.6	178.2	20.3	266.4	0.1
341	Metal cans.....	8.7	33.1	15.2	1.5	17.9	(S)
342	Cutlery, handtools, and hardware.....	10.0	45.1	17.3	2.0	27.8	(S)
343	Plumbing and heating, except electric.....	6.1	22.7	11.4	0.9	11.2	(S)
344	Fabricated structural metal products.....	24.8	105.5	43.1	4.9	62.4	(S)
345	Screw machine products, bolts, etc.....	6.9	32.4	11.8	1.5	20.6	(S)
346	Metal stampings.....	15.5	76.4	25.6	3.9	50.8	(S)
347	Metal services, n.e.c.....	10.8	46.2	20.0	2.0	26.2	(S)
348	Miscellaneous fabricated wire products.....	3.1	14.2	4.9	0.6	9.2	(S)
349	Miscellaneous fabricated metal products.....	17.4	69.2	28.9	3.1	40.3	(S)

See footnotes at end of table.

TABLE 7. Fuels and Electric Energy Used for Heat and Power by Industry Group: 1971—Continued

Code	Major industry group and industry	Purchased fuels and electric energy		Total cost of purchased fuels (million dollars)	Electric energy		
		Kilowatt-hours equivalent ¹ (billions)	Total cost (million dollars)		Purchased		Generated less sold (billion kw.-hrs.)
					Quantity (billion kw.-hrs.)	Cost (million dollars)	
35	Machinery, except electrical.....	107.6	466.7	172.5	22.3	294.2	0.4
351	Engines and turbines.....	7.9	35.5	14.4	1.7	21.1	(S)
352	Farm machinery.....	11.2	37.3	18.6	1.4	18.7	(S)
353	Construction and related machinery.....	18.8	71.3	26.7	3.6	44.6	(S)
354	Metalworking machinery.....	14.8	74.4	24.9	3.3	49.4	(S)
355	Special industry machinery.....	9.4	44.5	15.8	1.9	28.7	(S)
356	General industrial machinery.....	16.8	74.8	29.2	3.4	45.6	(S)
357	Office and computing machines.....	7.0	37.7	8.8	2.4	28.9	(S)
358	Service industry machines.....	11.8	46.1	18.8	2.2	27.2	(S)
359	Miscellaneous machinery, except electrical.....	9.9	45.7	15.7	2.4	30.0	(S)
36	Electrical equipment and supplies.....	80.2	384.6	116.5	23.6	268.0	0.2
361	Electric test and distributing equipment.....	6.8	33.9	10.0	2.1	23.8	(S)
362	Electrical industrial apparatus.....	14.2	63.8	21.4	4.2	42.3	(S)
363	Household appliances.....	11.8	44.6	18.2	2.3	26.4	(S)
364	Electric lighting and wiring equipment.....	9.7	41.9	16.1	2.0	25.9	(S)
365	Radio and TV receiving equipment.....	3.4	17.1	4.8	1.1	12.3	(S)
366	Communication equipment.....	13.4	73.5	17.0	4.8	56.5	(S)
367	Electronic components and accessories.....	14.2	78.4	19.1	5.2	59.3	(S)
369	Miscellaneous electrical equipment and supplies.....	6.5	31.4	9.9	1.8	21.5	(S)
37	Transportation equipment.....	113.7	493.4	178.3	27.3	315.1	(S)
371	Motor vehicles and equipment.....	72.9	305.1	119.0	15.8	186.1	(S)
372	Aircraft and parts.....	26.0	123.6	34.5	8.5	89.1	(S)
373	Ship and boat building and repairing.....	6.0	30.6	10.3	1.6	20.3	(S)
374	Railroad equipment.....	4.6	17.0	7.9	0.7	9.1	(S)
375	Motorcycles, bicycles, and parts.....	0.9	3.2	1.4	0.2	1.8	(S)
379	Miscellaneous transportation equipment.....	3.3	13.9	5.3	0.5	8.7	(S)
38	Instruments and related products.....	20.1	85.3	33.9	3.6	51.4	(S)
381	Engineering and scientific instruments.....	2.0	9.6	3.0	0.5	6.5	(S)
382	Mechanical measuring and control devices.....	3.1	17.4	4.9	0.9	12.5	(S)
383	Optical instruments and lenses.....	0.4	3.0	0.6	0.1	2.4	(S)
384	Medical instruments and supplies.....	2.8	14.8	4.3	0.8	10.5	(S)
385	Ophthalmic goods.....	0.9	5.3	1.9	0.2	3.4	(S)
386	Photographic equipment and supplies.....	10.2	31.3	18.1	1.0	13.2	(S)
387	Watches, clocks, and watchcases.....	0.9	4.1	1.2	0.2	2.9	(S)
39	Miscellaneous manufacturing industries.....	17.8	80.1	30.4	3.2	49.7	(S)
391	Jewelry, silverware, and plated ware.....	2.2	10.3	3.6	0.5	6.7	(S)
393	Musical instruments and parts.....	0.8	3.6	1.2	0.2	2.4	(S)
394	Toys and sporting goods.....	4.1	21.5	6.3	1.1	15.1	(S)
395	Pens, pencils, office, and art supplies.....	1.4	8.0	2.4	0.3	5.6	(S)
396	Costume jewelry and notions.....	1.8	9.8	3.0	0.5	6.9	(S)
399	Miscellaneous manufactures.....	7.5	26.9	13.9	0.6	13.0	(S)
19	Ordnance and accessories.....	13.9	59.1	18.7	3.9	40.4	(S)

Note: Detailed figures may not add to totals due to independent rounding.

- Represents zero. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of the estimate or on the basis of a consistency review. (Z) Less than 50 million kw.-hrs. (NA) Not available.

¹Represents the kilowatt-hours equivalent of all fuels used for heat and power plus the quantity of purchased electricity.

TABLE 8. Fuels and Electric Energy Used for Heat and Power, by Industry Group and Industry: 1971

Code	Industry group and industry	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
		(billions)	(million dollars)	(billions)	(million dollars)	Quantity	Cost	(million kw.-hrs.)		
		Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G		
	All industries, total.....	3,812.6	10,432.1	3,297.9	5,360.6	514,612.7	5,070.6	82,828.0	1	1
20	Food and kindred products.....	300.6	885.0	266.8	464.7	33,786.3	420.3	2,660.1	1	1
201	Meat products.....	39.3	130.2	33.3	57.1	5,926.3	73.1	189.9	3	2
2011	Meatpacking plants.....	26.8	81.8	23.1	38.2	3,623.3	44.1	185.8	3	2
2013	Sausages and other prepared meats.....	6.1	22.6	5.0	9.3	1,053.3	13.3	(D)	7	4
2015	Poultry dressing plants.....	6.4	25.3	5.2	9.6	1,249.7	15.7	(D)	3	2
202	Dairy products.....	33.4	123.2	28.5	54.3	4,882.5	68.9	(D)	3	3
2021	Creamery butter.....	3.0	8.2	2.8	4.9	223.1	3.3	(D)	9	7
2022	Cheese, natural and processed.....	6.2	17.3	5.7	10.1	524.2	7.2	(D)	5	5
2023	Condensed and evaporated milk.....	6.6	17.8	6.2	11.8	427.3	6.0	(D)	2	2
2024	Ice cream and frozen desserts.....	1.8	14.7	.9	2.0	901.3	12.7	(D)	5	7
2026	Fluid milk.....	15.7	65.3	12.9	25.6	2,806.6	39.7	(D)	5	4
203	Canned, cured, and frozen foods.....	38.7	119.8	34.2	65.0	4,548.9	54.8	(D)	1	2
2031	Canned and cured seafoods.....	1.6	4.9	1.5	3.3	119.4	1.6	(D)	7	2
2032	Canned specialties.....	6.0	15.3	5.6	10.7	396.8	4.6	(D)	1	3
2033	Canned fruits and vegetables.....	15.5	43.2	14.2	26.5	1,296.0	16.7	(D)	2	4
2034	Dehydrated food products.....	2.7	7.5	2.5	4.6	232.6	2.9	(D)	5	7
2035	Pickles, sauces, and salad dressings.....	2.4	7.4	2.1	3.7	272.5	3.7	(D)	6	4
2036	Fresh or frozen packaged fish.....	1.0	5.7	.8	2.0	243.9	3.7	(D)	8	9
2037	Frozen fruits and vegetables.....	9.6	35.9	7.6	14.2	1,912.3	21.7	(D)	2	2
204	Grain mill products.....	42.7	115.7	37.6	57.2	5,059.1	58.5	835.3	5	5
2041	Flour and other grain mill products.....	(S)	(S)	(S)	(S)	1,397.6	15.9	(D)	(X)	2
2042	Prepared feeds for animals and fowls.....	15.8	50.3	13.5	22.7	2,250.5	27.6	(D)	6	11
2043	Cereal preparations.....	2.4	8.4	2.0	4.0	379.6	4.4	(D)	1	1
2044	Rice milling.....	.7	2.4	.5	.6	152.9	1.8	(D)	1	1
2045	Blended and prepared flour.....	.7	3.0	.5	.9	167.4	2.1	(D)	7	2
2046	Wet corn milling.....	18.6	29.5	17.9	22.7	711.2	6.8	793.4	1	1
205	Bakery products.....	18.9	66.4	16.2	32.8	2,748.5	33.6	(D)	2	7
2051	Bread, cake, and related products.....	15.2	54.4	13.0	26.7	2,204.0	27.7	(D)	3	8
2052	Cookies and crackers.....	3.7	12.1	3.2	6.2	544.5	5.9	(D)	2	2
206	Sugar.....	38.7	61.7	38.3	56.7	372.2	5.0	1,245.7	1	1
2061	Raw cane sugar.....	4.2	7.9	4.1	6.5	96.5	1.4	446.0	2	1
2062	Cane sugar refining.....	10.1	18.1	10.0	16.8	88.4	1.3	397.5	1	2
2063	Beet sugar.....	24.4	35.8	24.2	33.4	187.2	2.4	402.3	1	1
207	Confectionery and related products.....	6.5	27.2	5.2	10.5	1,334.7	16.7	(D)	4	2
2071	Confectionery products.....	4.8	19.3	3.9	7.6	904.6	11.7	(D)	5	3
2072	Chocolate and cocoa products.....	1.3	5.9	1.0	2.3	321.0	3.6	(D)	1	1
2073	Chewing gum.....	.4	2.0	.3	.6	109.1	1.4	(D)	5	1
208	Beverages.....	34.8	104.8	31.2	57.0	3,554.3	47.8	223.4	2	4
2082	Malt liquors.....	14.0	40.0	12.5	22.8	1,541.2	17.2	209.1	1	1
2083	Malt.....	2.7	7.8	2.5	4.9	225.0	2.9	(D)	1	1
2084	Wines, brandy, and brandy spirits.....	1.2	4.1	1.0	1.9	171.1	2.2	-	3	6
2085	Distilled liquor, except brandy.....	6.3	12.6	6.0	9.0	255.0	3.6	(D)	1	1
2086	Bottled and canned soft drinks.....	8.4	33.2	7.2	14.1	1,203.6	19.1	(D)	8	6
2087	Flavoring extracts and sirups, n.e.c.....	(2.2)	(7.2)	(2.0)	(4.4)	(158.4)	(2.8)	(D)	17	32
209	Miscellaneous foods and kindred products.....	47.6	135.7	42.2	73.9	5,359.8	61.8	(D)	2	2
2091	Cottonseed oil mills.....	1.9	7.5	1.4	1.9	521.4	5.6	(D)	5	2
2092	Soybean oil mills.....	12.6	29.3	11.5	17.9	1,090.5	11.4	(D)	1	1
2093	Vegetable oil mills, n.e.c.....	1.2	3.6	1.0	1.8	152.2	1.8	(D)	14	7
2094	Animal and marine fats and oils.....	10.5	25.6	9.9	18.3	608.4	7.3	(D)	8	6
2095	Roasted coffee.....	3.1	9.6	2.6	5.0	489.3	4.6	(D)	6	3
2096	Shortening and cooking oils.....	7.8	17.9	7.2	12.0	551.7	5.9	(D)	1	1
2097	Manufactured ice.....	(S)	(S)	(S)	(S)	719.6	8.3	(D)	(X)	9
2098	Macaroni and spaghetti.....	.7	3.3	.5	1.2	156.3	2.1	(D)	6	4
2099	Food preparations, n.e.c.....	8.9	30.0	7.8	15.3	1,070.3	14.7	(D)	3	3
21	Tobacco manufactures.....	5.5	19.6	4.6	9.5	907.7	10.1	102.9	1	1
2111	Cigarettes.....	3.0	10.1	2.5	5.3	515.9	4.8	101.5	2	1
2121	Cigars.....	.3	1.7	.2	.4	90.3	1.3	(D)	3	4
2131	Chewing and smoking tobacco.....	.3	1.1	.3	.6	25.3	.5	(D)	2	1
2141	Tobacco stemming and redrying.....	1.9	6.7	1.6	3.2	276.2	3.5	(D)	1	1
22	Textile mill products.....	106.5	401.4	81.6	159.7	24,927.4	241.7	470.7	1	1
2211	Weaving mills, cotton.....	14.2	60.7	8.8	14.5	5,430.8	46.2	162.3	1	1
2221	Weaving mills, synthetics.....	14.8	63.7	9.2	16.7	5,573.9	47.0	117.6	3	1
2231	Weaving and finishing mills, wool.....	3.6	12.6	3.1	6.6	510.6	6.0	(D)	6	5
2241	Narrow fabric mills.....	1.4	6.5	1.1	2.1	337.7	4.4	(D)	7	3

See footnotes at end of table.

TABLE 8. Fuels and Electric Energy Used for Heat and Power, by Industry Group and Industry: 1971—Continued

Code	Industry group and industry	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
		Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G		
22	Textile mill products--Continued									
225	Knitting mills.....	17.4	66.8	14.3	28.2	3,121.1	38.6	(D)	4	2
2251	Women's hosiery, except socks.....	2.6	12.3	1.9	3.6	748.6	8.7	(D)	5	2
2252	Hosiery, n.e.c.....	1.7	7.2	1.4	2.7	341.0	4.5	(D)	9	6
2253	Knit outerwear mills.....	3.3	12.4	2.8	5.1	487.9	7.3	(D)	9	7
2254	Knit underwear mills.....	1.1	3.5	.9	1.8	152.4	1.7	(D)	3	4
2256	Knit fabric mills.....	8.5	30.7	7.1	14.7	1,378.4	16.0	(D)	6	3
2259	Knitting mills, n.e.c.....	(S)	(S)	(S)	(S)	12.7	.4	(D)	(X)	4
226	Textile finishing, except wool.....	25.3	65.7	23.7	47.7	1,590.3	18.0	196.1	3	6
2261	Finishing plants, cotton.....	10.2	25.5	9.7	20.2	(501.9)	(5.3)	(D)	8	18
2262	Finishing plants, synthetics.....	12.1	30.5	11.4	22.3	684.7	8.2	(D)	2	3
2269	Finishing plants, n.e.c.....	3.0	9.7	2.6	5.2	403.6	4.5	(D)	7	7
227	Floor covering mills.....	9.6	28.3	8.7	18.0	921.8	10.3	(D)	2	1
2271	Woven carpets and rugs.....	.8	2.9	.7	1.5	137.5	1.4	(D)	1	1
2272	Tufted carpets and rugs.....	8.4	23.9	7.7	15.8	732.1	8.1	(D)	2	1
2279	Carpets and rugs, n.e.c.....	.4	1.3	.3	.6	52.1	.7	(D)	11	7
228	Yarn and thread mills.....	11.4	60.5	5.9	11.3	5,513.8	49.2	(D)	3	1
2281	Yarn mills, except wool.....	6.6	38.0	2.8	5.5	3,773.3	32.5	(D)	3	1
2282	Throwing and winding mills.....	2.5	12.9	1.4	2.5	1,109.6	10.4	(D)	9	2
2283	Wool yarn mills.....	(1.0)	(4.1)	(.7)	(1.3)	259.7	2.8	(D)	17	6
2284	Thread mills.....	1.4	5.5	1.0	2.0	371.1	3.5	(D)	2	4
229	Miscellaneous textile goods.....	8.8	36.6	6.9	14.6	1,927.4	22.0	(D)	3	4
2291	Felt goods, n.e.c.....	.8	2.3	.7	1.3	73.7	1.0	(D)	3	6
2292	Lace goods.....	(S)	(S)	(S)	(S)	(29.5)	(.4)	(D)	(X)	49
2293	Paddings and upholstery filling.....	.6	2.8	.5	1.1	96.8	1.7	(D)	10	8
2294	Processed textile waste.....	(S)	(S)	(S)	(S)	72.6	.9	(D)	(X)	10
2295	Coated fabrics, not rubberized.....	2.9	10.1	2.5	5.1	379.5	5.0	(D)	1	2
2296	Tire cord and fabric.....	1.4	7.1	.7	1.3	678.5	5.8	(D)	1	1
2297	Scouring and combing plants.....	1.0	3.6	.8	1.9	160.8	1.7	(D)	8	5
2298	Cordage and twine.....	.4	2.0	.3	.6	110.1	1.4	(D)	5	3
2299	Textile goods, n.e.c.....	(1.2)	(6.2)	(.9)	(2.1)	(365.9)	(4.1)	(D)	18	20
23	Apparel, other textile products.....	19.6	125.4	13.9	33.3	5,748.1	92.1	15.5	4	5
2311	Men's and boys' suits and coats.....	1.7	10.5	1.3	3.2	406.4	7.3	(D)	7	4
2321	Men's and boys' furnishings.....	4.3	25.8	3.1	7.0	1,202.4	18.8	(D)	7	3
2321	Men's and boys' shirts and nightwear.....	1.2	7.3	.8	1.8	354.1	5.5	(D)	4	4
2322	Men's and boys' underwear.....	(S)	(S)	(S)	(S)	84.1	1.2	(D)	(X)	8
2323	Men's and boys' neckwear.....	(S)	(S)	(S)	(S)	(22.5)	(.5)	(D)	(X)	16
2327	Men's and boys' separate trousers.....	1.4	8.0	1.0	2.0	388.5	6.0	(D)	4	4
2328	Men's and boys' work clothing.....	.9	5.2	.6	1.3	253.2	3.9	(D)	5	3
2329	Men's and boys' clothing, n.e.c.....	(.5)	(2.6)	(.4)	(.9)	(100.1)	(1.7)	(D)	19	19
233	Women's and misses' outerwear.....	4.8	41.0	3.4	9.1	1,423.7	31.9	(D)	7	7
2331	Women's and misses' blouses, waists.....	.7	7.2	.4	1.0	298.2	6.2	(D)	11	7
2335	Women's and misses' dresses.....	2.2	19.4	1.6	4.4	625.9	15.0	(D)	7	7
2337	Women's and misses' suits and coats.....	(S)	(S)	(S)	(S)	(263.3)	(6.7)	(D)	(X)	23
2339	Women's and misses' outerwear, n.e.c.....	.7	5.1	.5	1.1	236.3	4.0	(D)	13	9
234	Women's, children's undergarments.....	1.0	7.7	.6	1.6	379.6	6.1	(D)	5	6
2341	Women's and children's underwear.....	.8	5.5	.5	1.2	276.3	4.3	(D)	5	7
2342	Corsets and allied garments.....	.3	2.3	.2	.5	103.3	1.8	(D)	12	14
235	Hats, caps, millinery.....	.2	1.3	.2	.5	(S)	(S)	(D)	15	(X)
2351	Millinery.....	(S)	(S)	(S)	(S)	(S)	(S)	(D)	(X)	(X)
2352	Hats and caps, except millinery.....	(S)	(S)	(S)	(S)	(S)	(S)	(D)	(X)	(X)
236	Children's outerwear.....	(.7)	(4.9)	(.4)	(.9)	274.3	4.0	(D)	32	10
2361	Children's dresses and blouses.....	.3	2.3	.2	.4	109.7	1.9	(D)	25	11
2363	Children's coats and suits.....	(S)	(S)	(S)	(S)	(37.3)	(.4)	(D)	(X)	55
2369	Children's outerwear, n.e.c.....	(.2)	(1.9)	(.1)	(.3)	(127.4)	(1.6)	(D)	15	15
2371	Fur goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(D)	(X)	(X)
238	Miscellaneous apparel and accessories.....	.8	5.4	.6	1.5	209.6	3.9	(D)	8	4
2381	Fabric dress and work gloves.....	(.1)	(.7)	(.1)	(.2)	32.0	.5	(D)	17	3
2384	Robes and dressing gowns.....	(S)	(S)	(S)	(S)	25.3	.6	(D)	(X)	11
2385	Waterproof outer garments.....	.3	1.9	.2	.5	69.2	1.4	(D)	14	8
2386	Leather and sheep lined clothing.....	.1	.6	.1	.2	26.5	.4	(D)	5	16
2387	Apparel belts.....	.1	.7	.1	.1	34.5	.6	(D)	11	10
2389	Apparel and accessories, n.e.c.....	.2	.7	.1	.2	22.2	.5	(D)	13	15

See footnotes at end of table.

TABLE 8. Fuels and Electric Energy Used for Heat and Power, by Industry Group and Industry: 1971—Continued

Code	Industry group and industry	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns--	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G				
23	Apparel, other textile products--Continued									
239	Miscellaneous fabricated textile products.....	6.1	29.1	4.3	9.3	1,766.2	19.8	(D)	10	1
2391	Curtains and draperies.....	(S)	(S)	(S)	(S)	281.9	3.5	(D)	(X)	13
2392	Housefurnishings, n.e.c.....	(2.4)	(8.1)	(1.7)	(2.1)	737.4	6.0	(D)	24	8
2393	Textile bags.....	(S)	(S)	(S)	(S)	39.7	.6	(D)	(X)	9
2394	Canvas products.....	(S)	(S)	(S)	(S)	51.4	.9	(D)	(X)	13
2395	Pleating and stitching.....	(.2)	(1.5)	(.1)	(.3)	(108.2)	(1.2)	(D)	18	34
2396	Automotive and apparel trimmings.....	.8	4.6	.6	1.5	223.3	3.1	(D)	8	5
2397	Schiffli machine embroideries.....	(.3)	(1.3)	(.2)	(.4)	57.0	.9	(D)	21	12
2399	Fabricated textile products, n.e.c.....	(1.0)	(5.3)	(.7)	(1.5)	(267.4)	(3.8)	(D)	15	50
24	Lumber and wood products.....	68.4	292.2	57.3	154.7	11,044.7	137.4	1,196.2	4	3
2411	Logging camps, logging contractors.....	13.5	48.2	13.2	45.4	(221.9)	(2.8)	(D)	8	17
242	Sawmills and planing mills.....	25.9	130.7	20.7	58.7	5,210.3	72.0	586.3	7	4
2421	Sawmills and planing mills, general.....	24.3	56.5	19.5	55.6	4,787.6	65.5	(D)	7	4
2426	Hardwood dimension and flooring.....	1.2	7.4	.9	2.3	343.2	5.1	(D)	14	6
2429	Special product sawmills, n.e.c.....	(.3)	(2.2)	(.2)	(.8)	(79.5)	(1.4)	(D)	15	25
243	Millwork, plywood, related products.....	13.9	58.2	10.7	24.4	3,173.5	33.8	(D)	3	7
2431	Millwork.....	2.9	16.1	2.0	4.8	838.7	11.3	(D)	7	5
2432	Veneer and plywood.....	10.1	37.1	8.0	17.2	2,123.8	19.9	(D)	2	2
2433	Prefabricated wood structures.....	(S)	(S)	(S)	(S)	(211.1)	(2.6)	(D)	(X)	44
244	Wooden containers.....	.9	4.9	.7	1.8	205.4	3.1	(D)	10	6
2441	Nailed wooden boxes and shooks.....	.5	2.7	(.4)	(1.1)	113.3	1.6	(D)	15	11
2442	Wirebound boxes and crates.....	.2	1.2	.1	.3	57.2	.9	(D)	11	3
2443	Veneer and plywood containers.....	(Z)	.3	(Z)	.1	9.8	.2	(D)	13	6
2445	Cooperage.....	.1	.6	.1	.2	25.1	.4	(D)	3	5
249	Miscellaneous wood products.....	14.2	50.2	12.0	24.5	2,233.6	25.7	(D)	3	3
2491	Wood preserving.....	2.7	7.0	2.6	5.0	129.5	2.0	(D)	6	5
2499	Wood products, n.e.c.....	11.5	43.2	9.4	19.5	2,104.1	23.7	(D)	3	3
25	Furniture and fixtures.....	17.8	80.5	14.2	30.2	3,626.4	50.3	78.3	3	7
251	Household furniture.....	10.9	51.1	8.4	18.2	2,463.4	32.9	43.6	4	5
2511	Wood household furniture.....	6.4	29.3	4.9	10.2	1,519.2	19.1	41.1	3	8
2512	Upholstered household furniture.....	2.1	10.6	1.6	3.5	485.2	7.1	(D)	9	9
2514	Metal household furniture.....	(S)	(S)	(S)	(S)	230.2	3.5	(D)	(X)	3
2515	Mattresses and bedsprings.....	1.1	4.7	.9	1.8	208.3	2.9	(D)	10	11
2519	Household furniture, n.e.c.....	(.1)	(.4)	(.1)	(.1)	(20.5)	(.3)	(D)	19	15
252	Office furniture.....	1.8	8.4	1.5	3.3	342.8	5.1	(D)	2	2
2521	Wood office furniture.....	.3	1.6	.2	.5	62.9	1.1	(D)	6	6
2522	Metal office furniture.....	1.6	6.8	1.3	2.8	279.9	4.0	(D)	3	2
2531	Public building furniture.....	1.1	4.5	.9	1.7	165.4	2.8	(D)	4	6
254	Partitions and fixtures.....	2.8	11.1	2.4	4.7	447.1	6.4	16.4	6	12
2541	Wood partitions and fixtures.....	1.3	5.1	1.1	2.0	(217.7)	(3.1)	(16.4)	8	18
2542	Metal partitions and fixtures.....	1.5	6.0	1.3	2.7	229.4	3.3	-	8	13
259	Miscellaneous furniture and fixtures.....	1.3	5.4	1.1	2.2	(207.8)	(3.2)	(D)	4	49
2591	Venetian blinds and shades.....	.8	3.3	.7	1.5	(121.9)	(1.8)	(D)	1	62
2599	Furniture and fixtures, n.e.c.....	.5	2.1	.4	.8	85.9	1.3	(D)	10	11
26	Paper and allied products.....	385.4	872.7	350.5	562.4	34,910.4	310.3	25,457.2	1	1
2611	Pulpmills.....	26.2	57.9	23.8	41.5	2,499.8	16.4	2,314.8	1	2
2621	Papermills, except building paper.....	171.3	375.8	154.3	240.4	16,955.4	135.4	12,515.9	1	1
2631	Paperboard mills.....	134.7	257.1	128.0	200.1	6,740.1	57.0	10,384.6	1	2
264	Miscellaneous converted paper products.....	20.3	73.3	16.4	28.6	3,936.9	44.7	(D)	2	2
2641	Paper coating and glazing.....	6.9	21.3	5.9	10.0	971.3	11.3	(D)	2	2
2642	Envelopes.....	.7	4.8	.5	1.1	244.3	3.7	(D)	8	7
2643	Bags, except textile bags.....	3.0	13.4	2.2	3.5	813.4	9.9	(D)	6	4
2644	Wallpaper.....	.3	.9	.3	.5	27.3	.4	(D)	8	9
2645	Die-cut paper and board.....	1.4	4.9	(1.2)	(2.0)	218.4	2.9	(D)	19	6
2646	Pressed and molded pulp goods.....	3.0	9.6	2.4	4.2	566.6	5.4	(D)	4	1
2647	Sanitary paper products.....	3.4	12.2	2.6	5.2	800.1	7.0	(D)	5	2
2649	Converted paper products, n.e.c.....	1.6	6.3	1.3	2.3	295.4	4.0	(D)	5	13
265	Paperboard containers and boxes.....	19.5	73.0	16.3	31.0	3,180.9	42.0	(D)	2	2
2651	Folding paperboard boxes.....	2.6	11.7	2.0	3.8	635.6	7.9	(D)	8	5
2652	Setup paperboard boxes.....	.5	2.6	(.4)	(.9)	109.9	1.7	(D)	18	14
2653	Corrugated and solid fiber boxes.....	11.5	40.6	10.0	19.6	1,497.7	21.0	(D)	2	2
2654	Sanitary food containers.....	2.7	12.3	2.0	3.5	741.4	8.8	(D)	3	1
2655	Fiber cans, drums, related materials.....	2.0	5.9	1.8	3.2	196.3	2.7	(D)	1	2
2661	Building paper and board mills.....	13.2	35.5	11.6	20.8	1,597.3	14.7	(D)	2	1

See footnotes at end of table.

TABLE 8. Fuels and Electric Energy Used for Heat and Power, by Industry Group and Industry: 1971—Continued

Code	Industry group and industry	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
		(billions)	(million dollars)	(billions)	(million dollars)	Col. E	Col. F	Col. G		
27	Printing and publishing.....	30.1	177.5	21.0	46.0	9,071.2	131.5	29.5	3	2
2711	Newspapers.....	6.8	43.5	4.4	9.6	2,357.2	33.9	2.4	6	4
2721	Periodicals.....	1.0	7.0	.6	1.2	380.1	5.8	(D)	11	5
273	Books.....	2.4	14.5	1.7	4.1	703.5	10.4	(D)	4	5
2731	Book publishing.....	.9	5.4	.7	1.5	215.2	3.9	(D)	4	13
2732	Book printing.....	1.6	9.0	1.1	2.6	488.3	6.4	(D)	5	4
2741	Miscellaneous publishing.....	(S)	(S)	(S)	(S)	136.3	2.3	(D)	(X)	12
275	Commercial printing.....	14.6	80.9	10.5	23.0	4,074.2	57.9	(D)	3	4
2751	Commercial printing, except lithographic.....	7.9	39.5	5.8	12.4	2,131.6	27.1	(D)	5	5
2752	Commercial printing, lithographic.....	6.4	39.7	4.5	10.1	1,879.4	29.6	(D)	4	6
2753	Engraving and plate printing.....	(S)	(S)	(S)	(S)	63.2	1.3	(D)	(X)	12
2761	Manifold business forms.....	1.3	8.3	.8	1.9	451.0	6.5	(D)	9	3
2771	Greeting card publishing.....	(S)	(S)	(S)	(S)	193.4	2.7	(D)	(X)	1
278	Blankbooks and bookbinding.....	1.1	7.5	.7	1.7	386.7	5.8	(D)	8	8
2782	Blankbooks and looseleaf binders.....	.7	3.9	.5	1.0	192.2	2.9	(D)	6	8
2789	Bookbinding and related work.....	(.5)	(3.5)	(.3)	(.6)	194.5	2.9	(D)	19	14
279	Printing trade services.....	(1.0)	(7.8)	(.6)	(1.6)	388.8	(6.2)	(D)	13	20
2791	Typesetting.....	(.6)	(6.3)	(.3)	(.9)	(297.7)	(5.4)	(D)	20	19
2793	Photoengraving.....	(.3)	(1.1)	(.2)	(.5)	(71.1)	(.6)	(D)	18	17
2794	Electrotyping and stereotyping.....	(S)	(S)	(S)	(S)	(20.0)	(.2)	(D)	(X)	21
28	Chemicals and allied products.....	779.7	1,669.3	680.1	894.0	99,633.6	775.3	19,563.4	1	1
281	Industrial chemicals.....	545.1	1,115.9	469.7	576.9	75,356.4	539.0	15,838.9	1	1
2812	Alkalies and chlorine.....	50.0	111.4	40.9	57.3	9,142.6	54.1	(D)	1	1
2813	Industrial gases.....	21.1	81.7	12.6	12.9	8,548.6	68.8	(D)	1	1
2815	Cyclic intermediates and crudes.....	40.3	91.4	37.0	60.6	3,323.7	30.8	(D)	1	1
2816	Inorganic pigments.....	15.7	36.4	14.5	24.9	1,180.1	11.5	(D)	1	3
2818	Industrial organic chemicals, n.e.c.....	251.5	402.2	231.8	269.1	19,700.8	133.1	(D)	1	1
2819	Industrial inorganic chemicals, n.e.c.....	166.3	392.7	132.8	152.1	33,460.7	240.6	(D)	3	1
282	Plastics materials and synthetics.....	132.4	286.5	118.7	173.8	13,659.0	112.7	3,243.0	1	1
2821	Plastics materials and resins.....	45.7	119.9	39.3	63.5	6,358.4	56.4	(D)	1	1
2822	Synthetic rubber.....	19.2	32.2	17.3	18.3	1,946.5	13.9	(D)	1	1
2823	Cellulosic manmade fibers.....	24.0	38.6	23.5	34.1	510.9	4.5	(D)	1	1
2824	Organic fibers, noncellulosic.....	43.4	95.8	38.6	57.9	4,843.1	37.9	(D)	1	2
283	Drugs.....	19.5	63.1	16.7	30.1	2,770.0	33.0	184.0	1	1
2831	Biological products.....	.7	2.9	.5	1.0	154.4	1.9	.1	1	2
2833	Medicinals and botanicals.....	7.4	15.3	7.0	10.6	422.7	4.7	144.7	1	2
2834	Pharmaceutical preparations.....	11.4	44.9	9.2	18.5	2,192.9	26.4	39.3	1	1
284	Soap, cleaners, and toilet goods.....	15.6	46.7	14.2	24.2	1,439.6	22.5	(D)	2	2
2841	Soap and other detergents.....	8.5	23.8	7.8	13.1	662.8	10.7	(D)	2	2
2842	Polishes and sanitation goods.....	1.8	5.8	1.6	2.4	187.2	3.4	(D)	5	4
2843	Surface active agents.....	3.3	8.1	3.1	5.5	178.6	2.6	(D)	9	11
2844	Toilet preparations.....	2.2	8.9	1.8	3.1	411.0	5.8	(D)	5	3
2851	Paints and allied products.....	(6.0)	(22.1)	(5.2)	(9.3)	825.2	12.8	(D)	37	2
2861	Gum and wood chemicals.....	2.9	6.6	2.7	5.3	170.3	1.3	(D)	3	54
287	Agricultural chemicals.....	24.0	52.6	21.1	25.2	2,935.0	27.4	(D)	1	1
2871	Fertilizers.....	18.2	37.5	15.9	17.9	2,264.7	19.6	(D)	1	1
2872	Fertilizers, mixing only.....	1.9	5.8	1.7	2.7	177.3	3.1	(D)	11	5
2879	Agricultural chemicals, n.e.c.....	4.0	9.3	3.5	4.6	493.1	4.7	(D)	3	4
289	Miscellaneous chemical products.....	34.2	76.0	31.7	49.3	2,478.2	26.7	122.3	4	3
2891	Adhesives and gelatin.....	4.4	11.5	4.1	7.6	267.8	3.9	(D)	3	5
2892	Explosives.....	8.4	21.8	7.8	15.4	630.3	6.4	(D)	1	2
2893	Printing ink.....	1.3	4.7	1.1	1.8	192.9	2.9	(D)	12	13
2895	Carbon black.....	6.3	8.9	5.8	4.6	495.0	4.3	(D)	1	1
2899	Chemical preparations, n.e.c.....	13.8	29.2	12.9	19.9	892.2	9.3	(D)	9	7
29	Petroleum and coal products.....	466.9	636.9	443.3	447.6	23,590.5	189.3	5,580.7	1	1
2911	Petroleum refining.....	444.8	585.7	422.3	412.4	22,524.1	173.3	5,565.1	1	1
295	Paving and roofing materials.....	18.3	44.0	17.4	30.2	898.0	13.8	15.8	4	4
2951	Paving mixtures and blocks.....	11.3	29.4	10.7	20.1	558.2	9.3	(D)	6	5
2952	Asphalt felts and coatings.....	6.9	14.6	6.6	10.1	339.8	4.5	(D)	1	2
299	Miscellaneous petroleum and coal products.....	3.8	7.2	3.6	5.0	168.4	2.2	(D)	3	6
2992	Lubricating oils and greases.....	1.6	3.6	1.5	2.2	96.2	1.4	(D)	7	8
2999	Petroleum and coal products, n.e.c.....	2.2	3.6	2.1	2.8	72.2	.8	(D)	2	5

See footnotes at end of table.

TABLE 8. Fuels and Electric Energy Used for Heat and Power, by Industry Group and Industry: 1971—Continued

Code	Industry group and industry	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate, percent ¹ for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
						(billions)	(million dollars)	(billions)			(million dollars)	(million kw-hrs)	(million dollars)	(million kw-hrs)
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G				
30	Rubber and plastics products, n.e.c.....	66.3	266.1	51.1	89.9	15,240.5	176.2	629.6	1	2
3011	Tires and inner tubes.....	23.7	69.0	19.6	29.6	4,071.4	39.4	(D)	1	
3021	Rubber footwear.....	1.0	5.1	.8	1.8	238.3	3.3	(D)	8	
3031	Reclaimed rubber.....	.4	1.9	.3	.6	142.6	1.3	(D)	1	1
3069	Fabricated rubber products, n.e.c.....	15.7	56.4	13.1	24.9	2,616.6	31.5	(D)	2	4
3079	Miscellaneous plastics products.....	25.5	133.7	17.3	33.0	8,171.8	100.7	(D)	3	3
31	Leather and leather products.....	9.8	39.6	8.3	16.6	1,487.1	23.0	41.3	2	5
3111	Leather tanning and finishing.....	5.1	15.7	4.8	10.0	342.2	5.7	(D)	3	4
3121	Industrial leather belting.....	(S)	(S)	(S)	(S)	(30.6)	(.4)	(D)	(X)	30
3131	Footwear cut stock.....	5	2.0	(.4)	(.8)	71.4	1.2	(D)	15	13
314	Footwear, except rubber.....	2.9	15.4	2.1	4.0	752.2	11.4	(D)	2	1
3141	Shoes, except rubber.....	2.7	14.5	2.0	3.7	702.7	10.8	(D)	2	1
3142	House slippers.....	.1	.8	.1	.2	49.5	.6	(D)	5	6
3151	Leather gloves and mittens.....	.2	.6	.2	.3	14.3	.3	(D)	8	4
3161	Luggage.....	.3	2.1	.2	.4	(119.9)	(1.7)	(D)	10	17
317	Handbags, personal leather goods.....	.4	2.4	.3	.6	(112.1)	(1.8)	(D)	12	32
3171	Women's handbags and purses.....	.2	1.3	.2	.3	(66.3)	(1.0)	(D)	14	24
3172	Personal leather goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(D)	(X)	(X)
3199	Leather goods, n.e.c.....	(.2)	(.7)	(.2)	(.2)	44.4	.5	(D)	19	14
32	Stone, clay, and glass products.....	382.3	834.2	357.5	572.3	24,774.3	261.9	882.9	1	1
3211	Flat glass.....	17.3	34.5	16.4	25.7	934.8	8.8	(D)	1	1
322	Glass, glassware, pressed or blown.....	61.7	146.7	56.7	99.7	4,955.7	47.0	(D)	1	1
3221	Glass containers.....	41.6	97.8	38.2	66.1	3,398.3	31.7	(D)	1	1
3229	Pressed and blown glass, n.e.c.....	20.1	48.9	18.5	33.6	1,557.4	15.3	(D)	1	1
3231	Products of purchased glass.....	4.1	14.4	3.5	6.6	633.9	7.8	(D)	3	2
3241	Cement, hydraulic.....	134.4	243.1	125.9	163.7	8,514.6	79.4	607.1	1	1
325	Structural clay products.....	40.3	82.2	39.0	63.7	1,314.1	18.5	(D)	3	2
3251	Brick and structural clay tile.....	23.2	45.6	22.5	35.7	708.1	9.9	(D)	4	3
3253	Ceramic wall and floor tile.....	1.8	5.1	1.7	3.4	119.2	1.7	(D)	3	1
3255	Clay refractories.....	7.9	17.7	7.6	13.4	302.0	4.3	(D)	4	3
3259	Structural clay products, n.e.c.....	7.4	13.9	7.2	11.3	184.9	2.6	(D)	9	4
326	Pottery and related products.....	7.6	19.4	7.0	12.6	552.6	6.8	(D)	2	2
3261	Vitreous plumbing fixtures.....	2.6	5.8	2.4	3.8	166.5	2.0	(D)	1	1
3262	Vitreous china food utensils.....	1.0	2.4	1.0	1.8	43.3	.6	(D)	4	3
3263	Fine earthenware food utensils.....	.8	2.2	.8	1.6	46.6	.6	(D)	3	3
3264	Porcelain electrical supplies.....	2.0	6.4	1.8	3.7	231.1	2.7	(D)	3	4
3269	Pottery products, n.e.c.....	1.2	2.8	1.1	1.8	65.1	1.0	(D)	9	14
327	Concrete, gypsum, plaster products.....	75.6	180.2	72.4	133.9	3,242.6	46.3	(D)	4	3
3271	Concrete block and brick.....	(4.0)	(13.9)	(3.7)	(8.5)	311.1	5.4	(D)	16	9
3272	Concrete products, n.e.c.....	8.1	22.8	7.6	14.7	527.3	8.1	(D)	6	5
3273	Ready-mixed concrete.....	24.5	69.2	23.5	53.8	985.5	15.4	(D)	10	7
3274	Lime.....	27.0	45.5	26.4	38.6	619.7	6.9	(D)	3	3
3275	Gypsum products.....	12.1	28.9	11.3	18.5	799.0	10.4	(D)	1	4
3281	Cut stone and stone products.....	1.5	5.6	1.1	2.1	384.5	3.5	(D)	12	5
329	Miscellaneous nonmetallic mineral products.....	39.6	108.2	35.4	64.4	4,241.5	43.8	(D)	3	1
3291	Abrasive products.....	3.9	14.1	3.3	6.6	596.7	7.5	(D)	3	1
3292	Asbestos products.....	3.7	13.5	3.1	6.3	578.5	7.2	(D)	1	1
3293	Gaskets and insulations.....	2.1	6.8	1.9	3.6	237.3	3.2	(D)	2	9
3295	Minerals, ground or treated.....	9.5	23.5	8.9	15.1	624.5	8.4	(D)	11	4
3296	Mineral wool.....	13.0	31.9	11.9	21.4	1,072.1	10.5	(D)	4	1
3297	Nonclay refractories.....	4.8	13.1	4.3	8.1	460.2	5.0	(D)	2	2
3299	Nonmetallic mineral products, n.e.c.....	(S)	(S)	(S)	(S)	672.1	2.1	(D)	(X)	9
33	Primary metal industries.....	716.7	2,112.9	595.4	1,151.4	121,403.5	961.5	24,643.3	1	2
331	Blast furnace, basic steel products.....	445.4	1,266.1	395.5	784.2	49,931.5	481.9	12,291.6	1	4
3312	Blast furnaces and steel mills.....	408.2	1,152.2	367.9	741.7	40,258.9	410.5	(D)	1	5
3313	Electrometallurgical products.....	24.0	64.8	16.3	19.2	7,688.8	45.6	(D)	1	1
3315	Steel wire and related products.....	4.5	17.0	3.8	7.4	715.5	9.6	(D)	2	3
3316	Cold finishing of steel shapes.....	4.7	17.3	4.0	8.8	679.4	8.5	(D)	1	8
3317	Steel pipe and tubes.....	4.1	14.8	3.5	7.1	588.9	7.7	(D)	1	2
332	Iron and steel foundries.....	46.4	207.3	38.5	109.6	7,872.1	97.7	46.8	2	1
3321	Gray iron foundries.....	29.3	135.0	24.8	79.4	4,534.1	55.6	(D)	2	2
3322	Malleable iron foundries.....	6.1	24.9	5.1	12.6	1,021.8	12.3	(D)	4	1
3323	Steel foundries.....	10.8	47.4	8.5	17.6	2,316.2	29.8	(D)	2	2

See footnotes at end of table.

TABLE 8. Fuels and Electric Energy Used for Heat and Power, by Industry Group and Industry: 1971—Continued

Code	Industry group and industry	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G				
33	Primary metal industries--Continued									
333	Primary nonferrous metals.....	130.3	320.1	81.3	100.1	49,022.3	220.1	12,165.3	1	1
3331	Primary copper.....	21.0	45.5	19.6	32.8	1,355.1	12.7	(D)	1	1
3332	Primary lead.....	4.1	13.0	3.9	11.0	212.7	2.0	(D)	1	1
3333	Primary zinc.....	13.9	25.0	12.4	17.1	1,547.1	7.9	(D)	1	1
3334	Primary aluminum.....	84.6	216.8	41.9	35.0	42,711.6	181.8	10,976.3	1	1
3339	Primary nonferrous metals, n.e.c.....	6.7	19.8	3.5	4.1	3,195.9	15.7	(D)	2	1
3341	Secondary nonferrous metals.....	8.0	22.4	7.5	15.5	494.0	6.9	(D)	3	5
335	Nonferrous rolling and drawing.....	46.9	173.4	37.0	71.3	9,910.8	102.1	122.4	1	1
3351	Copper rolling and drawing.....	9.5	39.8	7.6	16.5	1,928.7	23.3	120.1	1	1
3352	Aluminum rolling and drawing.....	25.9	77.9	21.1	37.3	4,760.8	40.6	(D)	1	1
3356	Nonferrous rolling and drawing, n.e.c.....	4.2	16.2	3.2	6.4	952.0	9.8	(D)	2	1
3357	Nonferrous wiredrawing, insulating.....	7.4	39.5	5.1	11.1	2,269.3	28.4	(D)	5	1
336	Nonferrous foundries.....	12.0	43.1	10.3	20.7	1,646.1	22.4	(D)	3	12
3361	Aluminum castings.....	7.4	26.2	6.4	12.4	(998.3)	(13.8)	(D)	3	19
3362	Brass, bronze, and copper castings.....	2.1	7.9	1.8	3.7	293.6	4.2	(D)	8	6
3369	Nonferrous castings, n.e.c.....	2.5	9.0	2.1	4.6	354.2	4.4	(D)	9	4
339	Miscellaneous primary metal products.....	27.9	80.5	25.3	50.1	2,526.7	30.4	(D)	2	6
3391	Iron and steel forgings.....	15.2	38.4	13.6	27.6	791.6	10.8	(D)	1	1
3392	Nonferrous forgings.....	3.2	9.0	2.8	4.5	438.9	4.5	(D)	2	7
3399	Primary metal products, n.e.c.....	10.0	33.1	8.8	18.0	1,296.2	15.1	(D)	6	11
34	Fabricated metal products.....	102.7	443.4	82.8	178.2	19,840.6	265.2	113.5	2	1
3411	Metal cans.....	8.7	33.1	7.2	15.2	1,508.2	17.9	(D)	1	1
342	Cutlery, handtools, and hardware.....	10.0	45.1	8.0	17.3	1,972.3	27.8	(D)	2	2
3421	Cutlery.....	.9	3.9	.8	1.8	135.7	2.1	(D)	3	5
3423	Hand and edge tools, n.e.c.....	2.9	11.6	2.5	5.3	406.1	6.3	(D)	4	5
3425	Handsaws and saw blades.....	(S)	(S)	(S)	(S)	94.0	1.4	(D)	(X)	9
3429	Hardware, n.e.c.....	5.7	23.6	4.4	9.5	1,336.5	17.9	(D)	3	2
343	Plumbing and heating except electric.....	6.1	22.6	5.2	11.4	845.8	11.2	(D)	2	2
3431	Metal sanitary ware.....	2.3	7.6	2.1	4.8	212.1	2.8	(D)	1	3
3432	Plumbing fittings and brass goods.....	1.0	4.5	.8	1.6	229.8	2.9	(D)	4	5
3433	Heating equipment, except electric.....	2.7	10.4	2.3	5.0	404.0	5.4	(D)	4	3
344	Fabricated structural metal products.....	24.4	104.5	19.9	43.1	4,535.9	61.4	(D)	4	3
3441	Fabricated structural steel.....	5.3	26.2	4.1	9.7	1,160.5	16.5	(D)	8	9
3442	Metal doors, sash, and trim.....	3.2	14.0	2.6	5.7	637.8	8.3	(D)	6	6
3443	Fabricated platework (boiler shops).....	7.7	30.9	6.3	13.0	1,405.5	17.8	(D)	5	4
3444	Sheet metalwork.....	4.3	15.8	(3.8)	(7.6)	514.1	8.2	(D)	16	6
3446	Architectural metalwork.....	(S)	(S)	(S)	(S)	178.1	2.7	(D)	(X)	6
3449	Miscellaneous metalwork.....	2.8	12.3	2.2	4.5	639.9	7.8	(D)	5	2
345	Screw machine products, bolts, etc.....	6.8	32.5	5.4	11.9	1,483.5	20.6	(D)	8	5
3451	Screw machine products.....	(1.8)	(10.2)	(1.2)	(2.5)	584.2	7.7	(D)	36	12
3452	Bolts, nuts, rivets, and washers.....	5.1	22.3	4.2	9.4	899.3	12.9	(D)	1	2
3461	Metal stampings.....	15.5	76.3	11.6	25.5	3,824.0	50.8	(D)	2	4
347	Metal services, n.e.c.....	10.8	45.6	8.8	20.0	1,939.6	25.6	(D)	8	9
3471	Plating and polishing.....	7.3	34.0	5.8	13.2	1,500.8	20.8	(D)	12	9
3479	Metal coating and allied services.....	3.3	11.6	2.9	6.8	(438.8)	(4.8)	(D)	10	27
3481	Miscellaneous fabricated wire products.....	3.1	14.3	2.5	5.0	616.3	9.3	(D)	5	3
349	Miscellaneous fabricated metal products.....	17.4	69.4	14.3	28.8	3,114.8	40.6	(D)	3	2
3491	Metal barrels, drums, and pails.....	1.6	6.3	1.4	3.1	194.8	3.2	(D)	2	2
3492	Safes and vaults.....	.2	1.1	.2	.4	45.4	.7	(D)	7	4
3493	Steel springs.....	1.4	4.7	1.3	2.8	136.7	1.9	(D)	4	4
3494	Valves and pipe fittings.....	8.7	32.3	7.1	12.9	1,591.8	19.4	(D)	4	4
3496	Collapsible tubes.....	.2	1.3	.2	.4	74.4	.9	(D)	2	1
3497	Metal foil and leaf.....	.7	3.4	.5	1.1	200.4	2.3	(D)	12	6
3498	Fabricated pipe and fittings.....	(S)	(S)	(S)	(S)	199.4	3.0	(D)	(X)	6
3499	Fabricated metal products, n.e.c.....	3.4	14.8	2.7	5.6	672.1	9.2	(D)	6	4
35	Machinery, except electrical.....	107.6	466.6	85.3	172.5	22,312.5	294.0	371.1	2	2
351	Engines and turbines.....	7.9	35.5	6.2	14.4	1,708.6	21.1	(D)	1	1
3511	Steam engines and turbines.....	2.8	14.5	2.1	6.0	676.8	8.5	(D)	1	1
3519	Internal combustion engines, n.e.c.....	5.1	21.0	4.1	8.3	1,031.8	12.7	(D)	1	1
3522	Farm machinery.....	11.2	37.1	9.8	18.6	1,379.7	18.5	(D)	13	8

See footnotes at end of table.

TABLE 8. Fuels and Electric Energy Used for Heat and Power, by Industry Group and Industry: 1971—Continued

Code	Industry group and industry	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G				
35	Machinery, except electrical--Continued									
353	Construction and related machinery.....	18.8	70.9	15.2	26.6	3,593.7	44.3	(D)	1	
3531	Construction machinery.....	10.9	38.2	8.9	15.3	1,958.6	22.9	(D)	1	
3532	Mining machinery.....	1.5	5.8	1.2	2.1	272.5	3.7	(D)	2	6
3533	Oilfield machinery.....	2.4	8.4	1.8	2.5	560.6	5.9	(D)	3	3
3534	Elevators and moving stairways.....	6	3.1	.5	1.2	114.9	1.9	(D)	5	6
3535	Conveyors and conveying equipment.....	1.2	5.4	1.0	1.9	213.1	3.5	(D)	6	4
3536	Hoists, cranes, and monorails.....	8	3.5	.7	1.3	147.2	2.2	(D)	1	1
3537	Industrial trucks and tractors.....	1.4	6.5	1.1	2.3	(326.8)	(4.2)	(D)	5	16
354	Metalworking machinery.....	14.9	73.8	11.5	24.8	3,288.5	49.0	(D)	4	3
3541	Machine tools, metal-cutting types.....	3.1	15.9	2.4	5.7	686.4	10.2	(D)	2	3
3542	Machine tools, metal-forming types.....	1.4	1.3	1.1	2.1	280.6	4.2	(D)	4	2
3544	Special dies, tools, jigs, fixtures.....	5.1	27.6	3.9	8.5	1,168.9	19.1	(D)	9	7
3545	Machine tool accessories.....	2.3	12.1	1.7	3.4	619.8	8.7	(D)	8	6
3548	Metalworking machinery, n.e.c.....	2.9	11.9	2.4	5.0	529.8	6.9	(D)	5	4
355	Special industry machinery.....	9.5	44.4	7.5	15.8	1,892.4	28.6	(D)	2	3
3551	Food products machinery.....	1.5	6.3	1.2	2.3	272.4	4.0	(D)	7	12
3552	Textile machinery.....	2.0	8.5	1.5	3.6	355.0	4.9	(D)	5	7
3553	Woodworking machinery.....	7	2.8	.5	.9	167.4	1.9	(D)	6	4
3554	Paper industries machinery.....	1.1	4.9	.9	1.9	186.5	3.0	(D)	5	3
3555	Printing trades machinery.....	1.0	5.4	.8	1.6	222.8	3.8	(D)	4	9
3559	Special industry machinery, n.e.c.....	3.3	16.5	2.6	5.5	688.4	11.0	(D)	4	3
356	General industrial machinery.....	16.8	74.6	13.4	29.1	3,417.1	45.5	(D)	1	3
3561	Pumps and compressors.....	4.8	19.9	3.9	7.8	919.2	12.2	(D)	1	1
3562	Ball and roller bearings.....	4.6	20.8	3.5	8.6	1,051.2	12.1	(D)	1	1
3564	Blowers and fans.....	1.3	5.9	1.1	2.2	(221.4)	(3.7)	(D)	5	18
3565	Industrial patterns.....	(S)	(S)	(S)	(S)	(64.3)	(1.2)	(D)	(X)	39
3566	Power transmission equipment.....	3.3	14.6	2.7	5.9	594.1	8.7	(D)	2	9
3567	Industrial furnaces and ovens.....	.4	2.9	.3	.9	149.8	2.0	(D)	9	4
3569	General industrial machinery, n.e.c.....	1.7	8.4	1.3	2.8	417.2	5.6	(D)	9	7
357	Office and computing machines.....	7.0	38.3	4.6	8.8	2,442.8	29.5	(D)	1	2
3572	Typewriters.....	8	3.4	.6	1.3	188.9	2.1	(D)	1	1
3573	Electronic computing equipment.....	4.1	26.4	2.2	4.5	1,881.4	21.9	(D)	1	2
3574	Calculating and accounting machines.....	1.1	3.4	.9	1.2	170.3	2.2	(D)	3	2
3576	Scales and balances.....	.2	1.1	.2	.5	36.0	.6	(D)	4	4
3579	Office machines, n.e.c.....	.8	3.8	.6	1.3	153.3	2.5	(D)	4	4
358	Service industry machines.....	11.8	46.1	9.6	18.8	2,183.1	27.3	(D)	2	1
3581	Automatic merchandising machines.....	.6	2.2	.5	.9	(82.5)	(1.3)	(D)	12	15
3582	Commercial laundry equipment.....	.3	1.2	.3	.5	40.6	.7	(D)	3	3
3585	Refrigeration machinery.....	9.2	36.3	7.4	14.5	1,830.0	21.8	(D)	1	1
3586	Measuring and dispensing pumps.....	.3	1.2	.2	.4	54.8	.8	(D)	1	1
3589	Service industry machines, n.e.c.....	1.4	5.3	1.2	2.5	175.2	2.8	(D)	17	3
3599	Miscellaneous machinery, except electrical.....	9.9	45.9	7.5	15.7	2,409.6	30.2	(D)	9	14
36	Electrical equipment and supplies.....	80.1	383.4	56.6	116.4	23,482.9	266.5	147.4	1	
361	Electric test, distributing equipment.....	6.7	33.1	4.7	10.1	2,012.3	23.6	(D)	2	1
3611	Electric measuring instruments.....	1.5	8.2	.9	1.8	607.1	6.4	(D)	2	4
3612	Transformers.....	3.3	13.2	2.5	5.0	761.9	8.2	(D)	2	1
3613	Switchgear and switchboard apparatus.....	1.9	11.7	1.3	3.3	643.3	8.4	(D)	4	3
362	Electrical industrial apparatus.....	14.3	63.9	10.0	21.5	4,272.8	42.4	(D)	1	1
3621	Motors and generators.....	6.0	27.2	4.6	10.5	1,399.2	16.7	(D)	1	1
3622	Industrial controls.....	1.7	9.0	1.1	2.4	555.7	6.6	(D)	4	2
3623	Welding apparatus.....	1.0	4.4	.8	1.5	219.6	2.9	(D)	4	2
3624	Carbon and graphite products.....	4.9	19.1	3.0	5.9	1,852.9	13.2	(D)	1	1
3629	Electrical industrial apparatus, n.e.c.....	.8	4.2	.6	1.2	245.4	3.0	(D)	3	5
363	Household appliances.....	11.8	44.5	9.5	18.2	2,272.2	26.3	(D)	1	1
3631	Household cooking equipment.....	1.9	6.8	1.6	3.1	331.9	3.7	(D)	3	1
3632	Household refrigerators and freezers.....	2.9	10.0	2.4	4.2	543.4	5.8	(D)	1	1
3633	Household laundry equipment.....	2.6	8.5	2.1	3.6	450.2	4.9	(D)	1	1
3634	Electric housewares and fans.....	2.2	10.5	1.7	3.5	547.5	7.0	(D)	1	2
3635	Household vacuum cleaners.....	.5	2.5	.4	.9	131.4	1.6	(D)	1	1
3636	Sewing machines.....	.3	1.4	.2	.5	64.5	.9	(D)	9	3
3639	Household appliances, n.e.c.....	1.4	4.8	1.2	2.4	203.2	2.4	(D)	1	4
364	Electric lighting, and wiring equipment.....	9.7	42.2	7.7	16.3	2,006.8	25.9	(D)	3	2
3641	Electric lamps.....	2.1	9.1	1.6	3.6	462.6	5.5	(D)	1	1
3642	Lighting fixtures.....	4.2	16.3	3.4	6.5	815.1	9.8	(D)	4	3
3643	Current-carrying wiring devices.....	1.4	8.3	(1.0)	(2.4)	385.3	5.9	(D)	16	7
3644	Noncurrent-carrying wiring devices.....	1.9	8.5	1.6	3.8	343.8	4.7	(D)	2	2
365	Radio and TV receiving equipment.....	3.4	17.1	2.3	4.8	1,066.3	12.3	(D)	3	3
3651	Radio and TV receiving sets.....	2.1	11.8	1.3	2.8	783.9	9.0	(D)	3	3
3652	Phonograph records.....	1.3	5.3	1.0	2.0	282.4	3.3	(D)	6	9

See footnotes at end of table.

TABLE 8. Fuels and Electric Energy Used for Heat and Power, by Industry Group and Industry: 1971—Continued

Code	Industry group and industry	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
(billions)	(million dollars)	(billions)	(million dollars)	Col. E	Col. F	Col. G				
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G				
36	Electrical equipment and supplies--Continued									
366	Communication equipment.....	13.4	73.5	8.6	17.0	4,821.9	56.5	(D)	2	1
3661	Telephone and telegraph apparatus.....	5.2	20.6	4.0	7.0	1,218.1	13.6	(D)	1	2
3662	Radio and TV communication equipment.....	8.1	52.9	4.5	10.0	3,603.8	42.9	(D)	3	1
367	Electronic components, accessories.....	14.2	77.8	9.0	19.1	5,169.4	58.7	(D)	4	1
3671	Electron tubes, receiving type.....	.5	2.8	.3	.7	171.2	2.1	(D)	1	1
3672	Cathode ray picture tubes.....	1.8	8.2	1.3	2.8	541.3	5.4	(D)	2	2
3673	Electron tubes, transmitting.....	.6	4.7	.3	.8	348.1	3.9	(D)	6	4
3674	Semiconductors.....	3.3	18.1	1.8	3.5	1,455.6	14.6	(D)	2	1
3679	Electronic components, n.e.c.....	7.9	44.0	5.3	11.3	2,653.1	32.7	(D)	7	2
369	Miscellaneous electrical equipment, supplies.....	6.6	31.3	4.7	9.9	1,861.2	21.4	(D)	9	2
3691	Storage batteries.....	2.5	12.3	1.8	4.0	749.7	8.3	(D)	7	2
3692	Primary batteries, dry and wet.....	.4	2.2	.3	.7	119.5	1.5	(D)	1	1
3693	X-ray apparatus and tubes.....	.3	1.5	.2	.4	73.8	1.1	(D)	3	4
3694	Engine electrical equipment.....	3.0	12.3	2.3	4.5	709.3	7.8	(D)	10	1
3699	Electrical equipment, n.e.c.....	(S)	(S)	(S)	(S)	208.9	2.7	(D)	(X)	10
37	Transportation equipment.....	114.2	493.9	86.6	178.4	27,532.2	315.5	(D)	1	1
371	Motor vehicles and equipment.....	73.2	305.0	57.2	119.0	16,017.6	186.0	(D)	1	1
3711	Motor vehicles.....	33.0	133.3	26.3	57.2	6,676.5	76.1	(D)	1	1
3712	Passenger car bodies.....									
3713	Truck and bus bodies.....	2.6	8.3	2.3	3.9	295.9	4.4	(D)	10	3
3714	Motor vehicle parts and accessories.....	36.6	159.1	27.8	56.5	8,805.9	102.6	(D)	1	1
3715	Truck trailers.....	1.0	4.3	.8	1.4	239.3	2.9	(D)	4	2
372	Aircraft and parts.....	26.1	124.5	17.5	34.5	8,541.7	90.0	(D)	1	1
3721	Aircraft.....	9.9	43.9	6.4	12.5	3,429.4	31.4	(D)	1	1
3722	Aircraft engines and engine parts.....	8.9	43.9	6.1	12.9	2,729.0	31.0	(D)	1	1
3729	Aircraft equipment, n.e.c.....	7.4	36.7	5.0	9.1	2,383.3	27.6	(D)	2	2
373	Ship and boat building, repairing.....	6.0	30.3	4.4	10.3	1,621.7	20.0	(D)	4	3
3731	Ship building and repairing.....	4.7	24.5	3.4	8.0	1,344.3	16.5	(D)	3	1
3732	Boat building and repairing.....	1.3	5.8	1.0	2.3	(227.4)	(3.5)	(D)	13	15
374	Railroad equipment.....	4.6	17.0	3.9	7.9	682.5	9.1	(D)	1	3
3741	Locomotives and parts.....	4.6	17.0	3.9	7.9	682.5	9.1	(D)	1	1
3742	Railroad and street cars.....									
3751	Motorcycles, bicycles, and parts.....	.9	3.2	.7	1.4	156.0	1.8	(D)	6	5
379	Miscellaneous transportation equipment.....	3.4	13.9	2.9	5.3	512.7	8.6	(D)	4	5
3791	Trailer coaches.....	2.6	10.6	2.2	4.0	383.8	6.6	(D)	5	6
3799	Transportation equipment, n.e.c.....	.8	3.3	.7	1.3	128.9	2.0	(D)	7	8
38	Instruments and related products.....	20.1	85.4	16.5	33.9	3,626.9	51.5	(D)	1	1
3811	Engineering, scientific instruments.....	2.0	9.5	1.5	3.0	472.0	6.5	(D)	13	5
382	Mechanical measuring, control devices.....	3.1	17.3	2.2	4.8	870.1	12.5	(D)	2	2
3821	Mechanical measuring devices.....	2.1	11.9	1.5	3.3	571.0	8.6	(D)	3	3
3822	Automatic temperature controls.....	1.0	5.5	.7	1.5	299.2	4.0	(D)	1	2
3831	Optical instruments and lenses.....	.4	3.0	.3	.6	144.0	2.4	(D)	6	5
384	Medical instruments and supplies.....	2.8	14.9	2.0	4.3	767.6	10.6	(D)	3	5
3841	Surgical and medical instruments.....	1.0	5.3	.7	1.3	274.6	4.0	(D)	5	9
3842	Surgical appliances and supplies.....	1.5	7.5	1.1	2.4	396.9	5.1	(D)	5	5
3843	Dental equipment and supplies.....	.3	2.0	.2	.6	96.1	1.4	(D)	8	13
3851	Ophthalmic goods.....	.9	5.3	.7	1.9	198.8	3.4	(D)	3	4
3861	Photographic equipment and supplies.....	10.2	31.3	9.2	18.1	968.3	13.2	(D)	1	1
387	Watches, clocks, and watchcase.....	.9	4.2	.7	1.2	206.1	3.0	(D)	3	2
3871	Watches and clocks.....	.8	3.8	.6	1.1	185.7	2.7	(D)	3	2
3872	Watchcases.....	.1	.4	.1	.1	20.4	.3	(D)	4	2
39	Miscellaneous manufacturing industries.....	18.4	86.9	14.6	30.4	3,743.9	56.5	84.0	3	2
391	Jewelry, silverware.....	2.1	10.2	1.7	3.6	421.3	6.6	(D)	9	8
3911	Jewelry, precious metal.....	.7	4.1	.5	1.0	167.0	3.1	(D)	9	9
3912	Jewelers, findings and materials.....	(S)	(S)	(S)	(S)	24.3	.6	(D)	(X)	21
3913	Lapidary work.....	(S)	(S)	(S)	(S)	44.6	.5	(D)	(X)	58
3914	Silverware and plated ware.....	1.0	4.2	.8	1.8	185.5	2.4	(D)	7	10
3931	Musical instruments and parts.....	.8	3.6	.6	1.2	157.5	2.4	(D)	10	6

See footnotes at end of table.

TABLE 8. Fuels and Electric Energy Used for Heat and Power, by Industry Group and Industry: 1971—Continued

Code	Industry group and industry	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
						(million kw.-hrs.)	(million dollars)			
		Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G		
39	Miscellaneous manufacturing industries--Continued									
394	Toys and sporting goods.....	4.1	21.3	3.0	6.3	1,102.3	15.0	(D)	2	5
3941	Games and toys.....	1.9	10.8	1.3	2.7	520.9	8.1	(D)	4	7
3942	Dolls.....	.2	1.3	.1	.2	55.5	1.1	(D)	7	13
3943	Children's vehicles, except bicycles.....	.2	1.0	.2	.4	41.6	.6	(D)	2	8
3949	Sporting and athletic goods, n.e.c.....	1.8	8.2	1.4	3.0	435.8	5.2	(D)	4	11
395	Pens, pencils, office, art goods.....	1.5	8.0	1.1	2.4	351.0	5.6	(D)	7	5
3951	Pens and mechanical pencils.....	.2	2.1	.1	.3	122.2	1.8	(D)	9	11
3952	Lead pencils and art goods.....	.5	2.0	.4	.9	76.5	1.1	(D)	13	6
3953	Marking devices.....	.4	2.3	.3	.7	81.8	1.6	(D)	17	10
3955	Carbon paper and inked ribbons.....	.4	1.7	.3	.6	70.5	1.1	(D)	12	6
396	Costume jewelry and notions.....	1.8	9.8	1.3	3.0	476.0	6.8	(D)	6	6
3961	Costume jewelry.....	.6	3.1	.4	.9	147.3	2.2	(D)	10	16
3962	Artificial flowers.....	.2	.5	.1	.2	21.2	.3	(D)	16	14
3963	Buttons.....	(S)	(S)	(S)	(S)	56.5	.9	(D)	(X)	11
3964	Needles, pins, and fasteners.....	.9	4.8	.6	1.4	251.2	3.4	(D)	8	4
399	Miscellaneous manufactures.....	8.2	34.0	6.9	13.9	1,235.8	20.1	(D)	6	4
3991	Brooms and brushes.....	(S)	(S)	(S)	(S)	131.6	2.2	(D)	(X)	4
3993	Signs and advertising displays.....	(S)	(S)	(S)	(S)	370.5	6.5	(D)	(X)	9
3994	Morticians' goods.....	1.6	5.9	1.5	2.9	142.3	3.0	(D)	15	4
3996	Hard surface floor coverings.....	1.2	4.0	1.0	2.3	150.0	1.7	(D)	1	1
3999	Manufactures, n.e.c.....	2.5	10.9	2.0	4.1	441.4	6.8	(D)	8	6
19	Ordinance and accessories.....	13.9	59.2	10.0	18.7	3,922.0	40.5	(D)	1	1

Note: Detailed figures may not add to totals because of independent rounding. Figures shown in parenthesis have associated standard errors of 15 percent or more. Thus at the individual industry level these estimates may be of limited reliability. However, they may be combined with other industry totals into broader aggregates which are of acceptable reliability.

- Represents zero. (X) Not applicable. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. Unpublished estimates in this table, including those which can be derived by subtraction, should be considered generally unreliable. (Z) Less than half of the unit of measurement shown. (For cost, represents less than \$50 thousand; for kilowatt-hour equivalents in columns A and C, less than 50 million units; for kilowatt-hours in columns E and G, less than 50 thousand units.)

¹The kilowatt-hour equivalents shown are the sum of the quantity of electric energy purchased (column E) and the kilowatt-hour equivalent for purchased fuels (column C). An explanation of the factors used to compute kilowatt-hour equivalents is given in the text.

²A description of the standard error of estimate is given in the text. The percentage standard errors shown for columns D and F are the approximate relative standard errors of the estimates of level.

TABLE 9. Fuels and Electric Energy Used for Heat and Power, for States by Major Industry Group: 1971

Code	State and industry group	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
		Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G		
	United States, total.....	3,812.6	10,432.1	3,297.9	5,360.6	514,612.7	5,070.6	82,828.0	1	1
	Maine, total.....	24.7	67.4	22.4	44.2	2,307.1	23.2	2,328.1	1	4
20	Food and kindred products.....	1.7	6.6	1.5	3.6	219.0	3.0	(S)	7	5
22	Textile mill products.....	1.1	3.8	1.0	2.2	126.3	1.6	(S)	9	2
23	Apparel, other textile products.....	(Z)	.3	(Z)	.1	9.2	.2	-	14	29
26	Paper and allied products.....	17.3	39.4	16.0	29.0	1,328.7	10.4	2,264.8	1	1
27	Printing and publishing.....	(Z)	.3	(Z)	.1	10.8	.2	-	20	12
28	Chemicals and allied products.....	.5	1.0	.5	.6	28.5	.4	-	2	4
30	Rubber and -lastics products, n.e.c.....	.4	1.3	.3	.6	62.0	.7	-	5	4
31	Leather and leather products.....	.6	2.8	.5	1.2	107.1	1.6	(S)	1	1
32	Stone, clay, and glass products.....	(D)	(D)	.9	1.6	(D)	(D)	(D)	6	(X)
33	Primary metal industries.....	.1	.7	.1	.2	43.5	.5	-	1	1
35	Machinery, except electrical.....	.1	.7	.1	.3	30.1	.4	-	16	21
37	Transportation equipment.....	.2	1.1	.2	.4	46.5	.7	-	7	2
	New Hampshire, total.....	9.9	36.6	8.3	18.6	1,640.6	18.0	27.3	3	2
20	Food and kindred products.....	.5	1.8	.4	.9	85.3	.9	-	17	10
22	Textile mill products.....	.7	3.2	.6	1.5	118.1	1.7	6.6	17	11
26	Paper and allied products.....	5.1	15.6	4.3	9.3	761.9	6.3	15.1	3	1
27	Printing and publishing.....	.1	.7	.1	.3	28.7	.4	-	14	7
28	Chemicals and allied products.....	.1	.6	.1	.3	23.0	.3	-	15	7
30	Rubber and plastics products, n.e.c.....	.5	2.0	.4	.6	111.4	1.4	(S)	3	16
31	Leather and leather products.....	.5	1.7	.4	.8	79.7	.9	-	11	4
32	Stone, clay, and glass products.....	.6	1.6	.6	1.1	31.4	.5	-	18	6
33	Primary metal industries.....	.3	.9	.3	.5	33.6	.4	2.4	8	16
34	Fabricated metal products.....	.1	.6	.1	.2	22.9	.4	-	17	7
35	Machinery, except electrical.....	.3	2.2	.2	.6	108.9	1.6	-	11	3
36	Electrical equipment and supplies.....	.4	2.6	.3	.8	139.9	1.8	-	1	1
38	Instruments and related products.....	(Z)	.2	(Z)	.1	7.4	.1	-	7	4
39	Miscellaneous manufacturing industries.....	(Z)	.2	(Z)	.1	6.1	.1	-	14	8
	Vermont, total.....	3.2	14.2	2.6	5.4	620.3	8.8	70.4	6	19
25	Furniture and fixtures.....	.1	.4	.1	.1	19.0	.3	(S)	11	8
28	Chemicals and allied products.....	.4	.8	.4	.4	32.1	.4	-	19	2
31	Leather and leather products.....	(D)	(D)	(Z)	.1	(D)	(D)	-	8	(X)
35	Machinery, except electrical.....	.3	1.6	.2	.5	73.2	1.1	(S)	19	3
	Massachusetts, total.....	50.0	215.8	42.1	97.3	7,948.6	118.5	462.7	2	3
20	Food and kindred products.....	5.2	20.0	4.3	9.6	916.4	10.4	77.9	8	21
22	Textile mill products.....	4.2	15.7	3.8	8.6	439.4	7.1	(S)	6	4
23	Apparel, other textile products.....	.5	4.0	.3	.9	164.6	3.1	(S)	19	12
24	Lumber and wood products.....	.3	1.7	.3	.9	44.6	.8	(Z)	17	18
25	Furniture and fixtures.....	.6	2.0	.5	1.0	54.8	1.0	6.7	13	(X)
26	Paper and allied products.....	7.6	27.4	6.8	15.7	800.4	11.7	201.7	4	3
27	Printing and publishing.....	1.4	7.7	1.1	2.6	329.6	5.1	(S)	7	8
28	Chemicals and allied products.....	4.7	16.1	4.1	8.6	597.0	7.5	13.9	2	2
30	Rubber and plastics products, n.e.c.....	3.4	17.3	2.6	5.9	753.3	11.4	(D)	3	3
31	Leather and leather products.....	1.5	5.8	1.3	2.9	161.0	2.9	7.2	6	5
32	Stone, clay, and glass products.....	2.7	8.2	2.5	5.3	216.6	2.9	35.6	13	3
33	Primary metal industries.....	3.0	13.4	2.6	6.9	447.4	6.5	(D)	7	5
34	Fabricated metal products.....	3.1	14.9	2.7	7.1	441.4	7.8	47.9	17	6
35	Machinery, except electrical.....	3.0	16.5	2.3	5.2	674.6	11.3	(D)	7	10
36	Electrical equipment and supplies.....	3.7	20.0	2.7	6.5	1,012.5	13.5	.5	4	3
37	Transportation equipment.....	1.3	7.4	1.0	2.7	296.6	4.7	-	4	1
38	Instruments and related products.....	1.3	6.8	1.0	2.4	258.5	4.4	44.4	4	2
39	Miscellaneous manufacturing industries.....	1.5	7.8	1.2	3.1	297.3	4.7	(S)	6	7
	Rhode Island, total.....	10.1	39.8	8.6	18.0	1,500.2	21.8	(S)	3	2
22	Textile mill products.....	2.4	8.8	2.1	4.3	315.1	4.5	(S)	6	3
23	Apparel, other textile products.....	(Z)	.2	(Z)	.1	10.2	.1	-	16	7
24	Lumber and wood products.....	(Z)	18.1	(Z)	.1	2.1	.1	-	18	9
25	Furniture and fixtures.....	(D)	(D)	(Z)	(Z)	(D)	(D)	-	14	(X)
26	Paper and allied products.....	.6	1.6	.6	1.0	43.0	.6	18.9	8	7
27	Printing and publishing.....	.1	1.0	.1	.3	41.4	.7	(Z)	20	11
28	Chemicals and allied products.....	.7	2.1	.6	1.0	95.1	1.1	(Z)	6	2
32	Stone, clay, and glass products.....	1.0	3.1	.9	2.0	88.0	1.1	-	3	3
33	Primary metal industries.....	1.4	6.6	1.1	2.6	266.0	4.0	(S)	2	2
36	Electrical equipment and supplies.....	.3	1.5	.2	.4	76.8	1.1	-	9	5
38	Instruments and related products.....	.1	.6	.1	.2	22.8	.4	-	14	1
39	Miscellaneous manufacturing industries.....	.6	3.5	.5	1.2	141.1	2.3	1.3	7	6

See footnotes at end of table.

TABLE 9. Fuels and Electric Energy Used for Heat and Power, for States by Major Industry Group: 1971—Continued

Code	State and industry group	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent)* for columns--	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G				
	Connecticut, total.....	33.9	144.9	28.4	67.3	5,479.9	77.6	486.7	1	1
20	Food and kindred products.....	1.0	4.0	.9	1.9	139.7	2.1	-	13	
22	Textile mill products.....	2.4	8.7	2.2	5.4	210.9	3.3	S	6	2
27	Printing and publishing.....	.4	3.0	.3	.9	119.3	2.1	Z	11	6
28	Chemicals and allied products.....	4.4	11.3	4.0	6.7	401.5	4.6	87.8	2	2
32	Stone, clay, and glass products.....	1.8	6.6	1.7	4.5	130.9	2.1	-	14	14
33	Primary metal industries.....	5.9	23.8	5.1	12.6	790.6	11.2	130.0	2	2
34	Fabricated metal products.....	2.5	11.8	2.0	4.8	450.7	7.0	(Z)	4	4
35	Machinery, except electrical.....	2.8	15.5	2.1	5.5	675.5	10.0	1.0	2	4
36	Electrical equipment and supplies.....	1.3	8.0	.9	2.2	389.8	5.8	(Z)	3	2
37	Transportation equipment.....	3.5	18.0	2.6	5.9	946.6	12.1	20.2	1	1
38	Instruments and related products.....	.8	3.7	.6	1.2	153.7	2.5	(S)	8	5
39	Miscellaneous manufacturing industries.....	2.0	9.2	1.7	4.2	349.5	5.0	S	3	2
	New York, total.....	152.3	609.2	122.4	273.3	29,852.8	335.9	2,054.9	1	2
20	Food and kindred products.....	14.7	56.5	12.8	28.8	1,872.1	27.7	63.9	3	4
22	Textile mill products.....	3.3	13.6	2.8	5.7	548.3	7.9	33.1	5	13
23	Apparel, other textile products.....	3.5	29.9	2.2	6.7	1,295.3	23.2	(S)	14	16
24	Lumber and wood products.....	.8	4.4	.6	1.7	188.0	2.7	(S)	15	16
25	Furniture and fixtures.....	1.4	7.2	1.1	2.5	343.0	4.7	(S)	10	14
26	Paper and allied products.....	16.7	49.0	14.7	28.9	1,959.5	20.1	705.5	4	5
27	Printing and publishing.....	3.8	29.0	2.4	6.0	1,362.7	23.0	(S)	5	■
28	Chemicals and allied products.....	20.3	60.9	16.9	32.1	3,401.6	28.8	397.4	1	1
29	Petroleum and coal products.....	1.4	5.0	1.1	2.1	272.1	2.9	(S)	14	5
30	Rubber and plastics products, n.e.c.....	3.8	16.4	2.9	5.9	879.0	10.5	(D)	4	■
31	Leather and leather products.....	1.0	4.8	.8	1.8	196.7	3.0	(D)	11	24
32	Stone, clay, and glass products.....	14.3	40.6	13.0	25.2	1,342.9	15.4	(D)	4	2
33	Primary metal industries.....	25.0	96.3	18.0	49.4	6,958.4	46.9	(S)	1	6
34	Fabricated metal products.....	7.0	32.3	5.6	14.1	1,406.9	18.2	(S)	12	8
35	Machinery, except electrical.....	7.9	37.7	6.3	15.3	1,640.0	22.4	(S)	4	5
36	Electrical equipment and supplies.....	8.4	46.4	5.6	14.5	2,832.3	31.9	(S)	2	2
37	Transportation equipment.....	6.6	31.0	4.9	11.1	1,661.2	19.9	(D)	1	1
38	Instruments and related products.....	9.0	28.2	8.2	16.4	768.9	11.8	(D)	1	2
39	Miscellaneous manufacturing industries.....	3.0	17.0	2.3	5.1	726.5	11.9	9.8	12	6
	New Jersey, total.....	118.8	446.4	103.7	246.3	15,118.0	200.1	817.1	3	1
20	Food and kindred products.....	9.9	37.8	8.7	21.2	1,171.8	16.6	(S)	12	3
22	Textile mill products.....	3.9	14.9	3.5	8.1	442.6	6.8	(S)	12	6
23	Apparel, other textile products.....	.7	5.2	.5	1.4	235.9	3.8	.1	14	19
24	Lumber and wood products.....	.2	1.0	.2	.5	42.2	.5	(Z)	13	21
26	Paper and allied products.....	10.6	36.6	9.5	22.6	1,063.8	14.0	186.1	1	2
27	Printing and publishing.....	1.1	6.5	.8	2.0	304.3	4.5	(Z)	13	7
28	Chemicals and allied products.....	35.2	125.6	31.3	78.5	3,884.7	47.1	209.0	1	1
29	Petroleum and coal products.....	9.9	23.0	9.2	14.2	749.2	8.8	276.4	2	1
30	Rubber and plastics products, n.e.c.....	3.2	17.0	2.3	5.2	946.1	11.8	.3	4	7
31	Leather and leather products.....	.5	1.9	.4	.8	59.7	1.1	-	8	15
33	Primary metal industries.....	9.6	38.6	8.3	22.2	1,322.6	16.4	48.0	3	1
34	Fabricated metal products.....	5.1	23.4	4.2	9.9	907.7	13.5	(D)	3	4
35	Machinery, except electrical.....	3.7	17.7	2.9	6.8	763.8	10.9	5.5	3	7
36	Electrical equipment and supplies.....	4.4	23.7	3.2	8.0	1,165.5	15.7	(S)	8	3
37	Transportation equipment.....	2.1	10.0	1.7	4.7	435.7	5.3	3.8	2	4
38	Instruments and related products.....	.8	4.6	.6	1.9	187.9	2.7	-	7	11
39	Miscellaneous manufacturing industries.....	1.0	5.2	.8	2.0	194.7	3.2	(S)	12	5
	Pennsylvania, total.....	292.8	896.6	259.6	492.0	33,229.4	404.6	4,557.1	1	1
20	Food and kindred products.....	14.2	52.3	12.4	26.3	1,780.2	26.0	57.6	6	3
22	Textile mill products.....	6.0	24.8	5.1	11.3	916.9	13.5	6.8	7	5
23	Apparel, other textile products.....	2.2	14.2	1.7	4.2	545.0	10.0	1.2	5	5
25	Furniture and fixtures.....	1.3	6.5	1.1	2.5	239.6	4.0	(D)	5	6
26	Paper and allied products.....	22.6	53.0	20.7	30.9	1,873.1	22.1	684.4	2	2
27	Printing and publishing.....	1.8	11.7	1.1	3.0	666.8	8.7	(D)	7	16
28	Chemicals and allied products.....	22.7	63.8	20.3	35.5	2,357.2	28.3	472.7	1	3
29	Petroleum and coal products.....	14.1	39.5	12.7	24.7	1,351.9	14.8	170.6	1	2
30	Rubber and plastics products, n.e.c.....	4.6	19.9	3.6	7.1	969.4	12.8	(D)	6	5
31	Leather and leather products.....	.9	3.4	.8	1.4	108.5	2.0	15.1	5	4
32	Stone, clay, and glass products.....	35.4	87.5	32.8	59.3	2,643.9	28.2	(S)	4	2
33	Primary metal industries.....	132.2	354.3	120.0	222.1	12,199.2	132.2	2,944.5	1	1
34	Fabricated metal products.....	9.3	41.1	7.6	18.1	1,702.0	23.0	(D)	2	3
35	Machinery, except electrical.....	7.7	38.0	6.0	13.9	1,666.8	24.1	.8	2	2
36	Electrical equipment and supplies.....	6.9	34.1	4.9	10.7	2,017.4	23.4	34.6	1	1
37	Transportation equipment.....	5.3	22.0	4.3	9.0	960.5	13.0	127.0	2	1
38	Instruments and related products.....	1.0	5.9	.7	1.7	283.0	4.2	-	8	7
39	Miscellaneous manufacturing industries.....	2.7	11.4	2.2	5.1	468.3	6.3	.6	2	6

See footnotes at end of table.

TABLE 9. Fuels and Electric Energy Used for Heat and Power, for States by Major Industry Group: 1971—Continued

Code	State and industry group	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost (million dollars)	Kilowatt-hour equivalent	Cost (million dollars)	Purchased		Generated less sold (million kw.-hrs.)	D	F
						Quantity (million kw.-hrs.)	Cost (million dollars)			
	Ohio, total.....	303.2	917.7	260.0	491.1	43,243.4	426.6	5,068.3	1	1
20	Food and kindred products.....	11.8	36.8	10.4	18.6	1,380.6	18.2	5.3	3	3
22	Textile mill products.....	1.1	3.6	1.0	1.8	128.2	1.8	-	7	7
24	Lumber and wood products.....	.6	4.3	.5	1.6	134.8	2.7	(Z)	12	36
25	Furniture and fixtures.....	.8	138.4	.8	1.7	136.7	2.3	(D)	6	9
26	Paper and allied products.....	16.5	37.9	15.4	23.8	1,141.1	14.1	779.8	1	2
27	Printing and publishing.....	2.3	12.1	1.7	3.7	559.1	8.4	8.3	6	5
28	Chemicals and allied products.....	39.9	113.9	30.8	50.0	9,137.4	63.9	870.0	1	1
29	Petroleum and coal products.....	9.9	25.0	8.7	14.2	1,214.2	10.8	.3	4	1
30	Rubber and plastics products, n.e.c.....	14.7	45.2	12.5	19.4	2,217.1	25.8	(D)	1	3
31	Leather and leather products.....	.2	1.1	.2	.4	43.8	.7	(D)	4	4
32	Stone, clay, and glass products.....	36.9	82.0	35.1	60.5	1,827.9	21.5	161.6	4	1
33	Primary metal industries.....	118.0	339.0	103.3	216.1	14,681.9	122.9	2,760.4	1	1
34	Fabricated metal products.....	12.5	51.2	10.1	20.1	2,373.5	31.1	6.0	2	3
35	Machinery, except electrical.....	14.7	59.5	12.1	24.9	2,640.1	34.6	59.4	2	3
36	Electrical equipment and supplies.....	7.5	31.5	5.9	11.9	1,631.6	19.6	3.1	1	1
37	Transportation equipment.....	13.0	55.8	9.6	18.3	3,350.8	37.5	(D)	1	1
38	Instruments and related products.....	.4	2.6	.3	.6	143.3	2.0	-	6	7
39	Miscellaneous manufacturing industries.....	1.5	6.3	1.3	2.8	238.7	3.5	.8	8	11
	Indiana, total.....	145.8	423.7	126.4	228.8	19,397.9	194.9	2,818.7	1	1
20	Food and kindred products.....	9.8	26.0	8.8	14.4	987.0	11.6	157.5	2	2
23	Apparel, other textile products.....	.2	1.1	.2	.4	48.4	.7	-	2	2
25	Furniture and fixtures.....	1.2	4.5	1.0	1.9	168.6	2.6	1.7	7	4
26	Paper and allied products.....	3.4	8.7	3.0	4.5	362.2	4.2	(S)	1	1
27	Printing and publishing.....	1.2	5.6	.9	1.8	268.3	3.8	-	13	4
28	Chemicals and allied products.....	11.6	29.8	10.1	15.8	1,452.5	14.0	259.2	1	4
29	Petroleum and coal products.....	8.2	22.7	7.9	20.1	257.2	2.6	(D)	1	2
30	Rubber and plastics products, n.e.c.....	(D)	(D)	2.3	3.9	(D)	(D)	(D)	4	(X)
32	Stone, clay, and glass products.....	16.1	34.1	15.0	22.7	1,058.4	11.4	(D)	2	2
33	Primary metal industries.....	62.7	170.8	54.0	99.7	8,707.9	71.1	1,771.0	1	1
34	Fabricated metal products.....	4.6	17.6	3.8	7.3	770.7	10.3	(D)	3	2
35	Machinery, except electrical.....	5.0	18.5	4.2	7.8	835.2	10.7	(D)	1	2
36	Electrical equipment and supplies.....	7.4	28.1	5.6	10.1	1,790.1	18.0	(S)	4	2
37	Transportation equipment.....	8.9	31.2	7.2	13.1	1,667.3	18.1	(S)	1	1
38	Instruments and related products.....	.4	1.5	.3	.6	61.6	.9	-	2	2
39	Miscellaneous manufacturing industries.....	1.4	5.3	1.2	2.3	164.3	3.0	-	3	6
	Illinois, total.....	203.8	662.3	177.0	332.5	26,767.3	329.8	2,233.2	1	1
20	Food and kindred products.....	31.2	87.1	27.8	45.8	3,412.2	41.3	423.8	1	1
22	Textile mill products.....	.7	2.0	.6	1.1	69.0	.9	(S)	8	5
25	Furniture and fixtures.....	1.4	5.6	1.2	2.6	188.1	3.0	8.7	8	11
26	Paper and allied products.....	9.3	24.5	8.4	12.8	893.9	11.7	250.1	1	2
27	Printing and publishing.....	4.0	21.2	3.0	6.3	951.1	14.9	5.4	3	7
28	Chemicals and allied products.....	23.8	62.0	21.2	32.7	2,642.7	29.3	(S)	1	2
29	Petroleum and coal products.....	8.6	28.2	6.6	9.9	1,984.9	18.3	225.8	1	1
30	Rubber and plastics products, n.e.c.....	3.7	18.1	2.6	4.7	1,094.9	13.4	(S)	3	4
31	Leather and leather products.....	.6	1.9	.5	.9	60.2	1.0	-	11	9
32	Stone, clay, and glass products.....	18.7	42.8	17.6	29.3	1,057.9	13.5	(S)	6	3
33	Primary metal industries.....	61.3	196.7	54.6	119.1	6,713.5	77.6	823.2	1	1
34	Fabricated metal products.....	11.3	47.9	9.4	20.3	1,932.2	27.6	20.4	4	7
35	Machinery, except electrical.....	14.0	54.0	11.5	21.3	2,477.9	32.7	76.0	1	2
36	Electrical equipment and supplies.....	7.2	31.7	5.7	11.8	1,489.3	19.9	131.7	1	1
37	Transportation equipment.....	3.3	14.5	2.6	5.8	667.7	8.7	22.5	1	2
38	Instruments and related products.....	1.8	7.7	1.4	2.7	421.2	5.0	10.7	3	2
39	Miscellaneous manufacturing industries.....	1.5	7.4	1.2	2.5	328.8	4.9	(Z)	13	10
	Michigan, total.....	174.3	607.8	149.3	300.4	24,983.0	307.4	3,830.2	1	1
20	Food and kindred products.....	9.2	29.1	8.2	15.8	962.1	13.3	52.7	3	(X)
22	Textile mill products.....	.1	.9	.1	.3	45.9	.6	-	6	8
23	Apparel, other textile products.....	.6	2.9	.4	.9	153.1	2.0	(Z)	2	3
24	Lumber and wood products.....	1.3	5.6	1.1	2.6	202.3	3.0	63.2	11	8
25	Furniture and fixtures.....	1.2	4.9	1.0	2.1	185.6	2.8	7.0	5	19
26	Paper and allied products.....	16.9	40.3	15.9	28.1	993.7	12.2	1,105.1	1	1
27	Printing and publishing.....	1.3	6.7	1.0	2.0	314.5	4.7	31.5	10	8
28	Chemicals and allied products.....	26.4	71.6	23.8	43.3	2,583.3	28.3	1,166.8	1	1
30	Rubber and plastics products, n.e.c.....	2.9	11.5	2.3	3.9	567.3	7.6	(S)	2	15
31	Leather and leather products.....	(S)	.9	.3	.4	(S)	.5	.7	9	4
32	Stone, clay, and glass products.....	17.5	40.6	16.5	28.7	960.7	11.9	246.7	1	2
33	Primary metal industries.....	37.7	134.6	32.3	71.7	5,439.1	62.9	107.5	1	2
34	Fabricated metal products.....	9.4	47.5	7.1	16.8	2,262.2	30.7	.2	3	5
35	Machinery, except electrical.....	8.9	36.1	7.2	13.9	1,710.0	22.2	8.1	5	16
36	Electrical equipment and supplies.....	2.3	9.6	1.8	3.8	467.4	5.8	(Z)	3	9
37	Transportation equipment.....	33.3	148.2	25.9	58.1	7,412.9	90.1	73.1	1	1
38	Instruments and related products.....	.4	1.6	.3	.6	64.8	1.0	-	5	5
39	Miscellaneous manufacturing industries.....	1.6	15.7	.5	1.0	1,055.9	14.7	52.8	4	9

See footnotes at end of table.

TABLE 9. Fuels and Electric Energy Used for Heat and Power, for States by Major Industry Group: 1971—Continued

Code	State and industry group	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
		(billions)	(million dollars)	(billions)	(million dollars)	Col. E	Col. F	Col. G		
	Wisconsin, total.....	77.2	253.5	67.8	127.2	9,430.3	126.3	1,959.9	1	1
20	Food and kindred products.....	12.8	38.1	11.7	21.9	1,139.9	16.2	171.4	2	3
22	Textile mill products.....	.5	1.5	.4	.7	51.2	.8	(S)	4	2
23	Apparel, other textile products.....	.1	.9	.1	.3	27.7	.6	.4	9	5
25	Furniture and fixtures.....	.6	2.0	.5	1.0	61.0	1.0	(D)	7	7
26	Paper and allied products.....	29.0	74.3	26.5	44.5	2,543.1	29.8	1,673.4	1	1
27	Printing and publishing.....	.9	4.7	.7	1.7	213.3	3.0	-	15	10
28	Chemicals and allied products.....	2.9	9.8	2.5	5.0	436.7	4.8	11.2	7	3
30	Rubber and plastics products, n.e.c.....	1.1	5.2	.8	1.8	250.1	3.4	(Z)	6	3
31	Leather and leather products.....	1.1	20.5	1.0	2.0	98.9	18.5	9.2	1	1
32	Stone, clay, and glass products.....	2.7	6.5	2.5	4.2	170.0	2.3	3.5	15	7
33	Primary metal industries.....	7.2	26.1	6.3	13.5	882.8	12.6	8.0	6	2
34	Fabricated metal products.....	3.2	15.3	2.6	6.1	608.7	9.2	14.4	5	4
35	Machinery, except electrical.....	6.7	28.7	5.4	11.7	1,271.6	17.0	(S)	3	4
36	Electrical equipment and supplies.....	2.8	11.9	2.2	4.1	590.6	7.8	(S)	1	3
37	Transportation equipment.....	2.6	10.2	2.1	3.7	477.6	6.5	5.3	1	4
39	Miscellaneous manufacturing industries.....	.9	4.2	.7	1.4	199.3	2.8	(S)	6	11
	Minnesota, total.....	38.9	123.6	33.8	61.1	5,122.4	62.5	594.4	2	3
20	Food and kindred products.....	12.0	32.1	11.0	18.5	997.8	13.6	93.4	3	5
22	Textile mill products.....	.2	.6	.2	.3	23.8	.3	(S)	11	18
23	Apparel, other textile products.....	.1	.6	.1	.2	20.1	.4	(Z)	8	7
24	Lumber and wood products.....	(S)	3.2	.7	1.8	(S)	1.4	-	18	10
26	Paper and allied products.....	9.4	23.5	8.3	13.3	1,060.9	10.2	391.4	1	1
27	Printing and publishing.....	.9	4.2	.7	1.4	176.4	2.8	(Z)	16	9
28	Chemicals and allied products.....	1.1	4.0	.9	1.8	204.4	2.2	.4	9	6
30	Rubber and plastics products, n.e.c.....	.6	3.7	.4	.6	236.8	3.1	-	15	32
32	Stone, clay, and glass products.....	3.3	8.1	3.1	5.5	203.4	2.6	(D)	18	5
33	Primary metal industries.....	2.8	8.0	2.6	5.2	198.1	2.8	(D)	12	11
34	Fabricated metal products.....	1.3	5.9	1.1	2.4	227.9	3.5	(D)	7	7
35	Machinery, except electrical.....	2.8	11.7	2.1	4.0	707.0	7.7	(D)	3	19
36	Electrical equipment and supplies.....	.7	3.7	.5	1.2	165.8	2.5	(Z)	5	4
37	Transportation equipment.....	(S)	1.8	.4	.8	(S)	1.0	(D)	3	39
38	Instruments and related products.....	.4	2.0	.3	.6	113.6	1.4	-	7	5
39	Miscellaneous manufacturing industries.....	1.3	5.3	1.0	2.1	266.7	3.2	(D)	4	21
	Iowa, total.....	51.9	128.1	47.0	72.2	4,852.0	55.9	529.8	7	1
20	Food and kindred products.....	15.9	37.6	14.6	21.7	1,268.3	15.9	226.8	6	2
24	Lumber and wood products.....	.2	.8	.2	.4	27.6	.4	(Z)	18	29
26	Paper and allied products.....	.9	3.0	.8	1.4	123.2	1.6	(D)	1	1
30	Rubber and plastics products, n.e.c.....	1.4	4.6	1.1	1.6	259.5	3.0	-	7	4
33	Primary metal industries.....	2.6	10.5	1.9	4.4	720.0	6.1	-	5	2
34	Fabricated metal products.....	1.0	4.1	.8	1.5	195.2	2.6	-	7	7
35	Machinery, except electrical.....	5.0	14.1	4.6	7.9	380.0	6.2	(D)	2	6
36	Electrical equipment and supplies.....	.9	3.0	.7	1.2	215.6	1.8	(D)	1	1
37	Transportation equipment.....	.4	1.6	.3	.6	64.8	1.0	(D)	15	4
	Missouri, total.....	56.7	173.4	49.3	80.0	7,394.5	93.4	390.0	3	3
20	Food and kindred products.....	8.7	26.0	7.6	11.9	1,057.6	14.1	(D)	7	19
22	Textile mill products.....	.2	.9	.2	.3	41.8	.6	-	1	1
23	Apparel, other textile products.....	.6	3.4	.5	1.1	142.7	2.3	-	6	7
25	Furniture and fixtures.....	.3	1.0	.2	.4	51.4	.6	(D)	17	13
28	Chemicals and allied products.....	8.2	20.2	7.4	11.2	798.7	8.8	219.5	3	2
29	Petroleum and coal products.....	1.7	4.0	1.6	3.0	75.8	1.0	(D)	14	11
30	Rubber and plastics products, n.e.c.....	.6	3.3	.4	.6	192.9	2.7	(D)	11	11
32	Stone, clay, and glass products.....	16.9	32.6	16.1	23.2	842.7	9.4	(D)	11	2
33	Primary metal industries.....	5.7	23.5	4.5	8.7	1,156.5	14.8	(S)	4	1
34	Fabricated metal products.....	1.8	8.0	1.4	2.5	354.3	5.5	.6	9	9
35	Machinery, except electrical.....	1.3	6.1	1.0	1.8	313.8	4.3	(D)	7	5
36	Electrical equipment and supplies.....	1.6	6.6	1.2	2.0	351.3	4.6	-	7	1
37	Transportation equipment.....	4.1	15.9	3.2	5.5	943.2	10.4	(D)	2	2
38	Instruments and related products.....	.2	.9	.2	.3	44.9	.7	-	12	11
39	Miscellaneous manufacturing industries.....	1.5	5.2	1.2	1.5	340.9	3.7	(D)	6	11
	North Dakota, total.....	1.9	5.1	1.7	2.9	156.8	2.2	(D)	7	11
20	Food and kindred products.....	1.2	3.0	1.1	1.8	87.2	1.2	(D)	3	7
	South Dakota, total.....	1.8	6.0	1.6	3.0	188.1	3.0	(D)	6	6
20	Food and kindred products.....	1.2	3.9	1.1	2.1	124.2	1.8	-	4	6
35	Machinery, except electrical.....	4.9	.2	(Z)	.1	4.8	.1	-	8	9

See footnotes at end of table

TABLE 9. Fuels and Electric Energy Used for Heat and Power, for States by Major Industry Group: 1971—Continued

Code	State and industry group	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
		(billions)	(million dollars)	(billions)	(million dollars)	Col. E	Col. F	Col. G		
	Nebraska, total.....	15.8	39.4	13.9	19.5	1,855.4	19.9	(D)	4	7
20	Food and kindred products.....	6.8	16.2	6.2	8.8	612.6	7.4	(D)	7	
25	Furniture and fixtures.....	.1	.3	.1	.1	14.0	.2	-	18	11
28	Chemicals and allied products.....	3.4	7.5	2.9	3.7	474.8	3.8	-	1	1
32	Stone, clay, and glass products.....	2.0	3.2	1.9	2.3	80.3	.9	-	11	13
33	Primary metal industries.....	.5	1.4	.4	.6	82.5	.8	-	1	1
34	Fabricated metal products.....	.6	2.1	.5	1.0	86.4	1.1	-	14	14
36	Electrical equipment and supplies.....	.3	1.3	.2	.4	91.7	.9	-	4	3
37	Transportation equipment.....	.2	.8	.2	.3	32.1	.5	-	4	2
38	Instruments and related products.....	.1	.7	.1	.2	45.3	.5	-	1	1
39	Miscellaneous manufacturing industries.....	.3	.8	.3	.5	21.9	.3	Z	19	38
	Kansas, total.....	36.0	73.6	32.1	34.5	3,889.8	39.1	(S)	1	4
20	Food and kindred products.....	3.4	10.1	2.9	3.9	523.8	6.2	(D)	8	7
24	Lumber and wood products.....	(S)	.2	.1	.1	(S)	.1	-	9	(X)
25	Furniture and fixtures.....	.1	.3	.1	.1	11.3	.2	-	10	20
26	Paper and allied products.....	.5	1.2	.5	.5	47.6	.7	(D)	7	12
28	Chemicals and allied products.....	11.4	16.6	10.5	10.0	916.8	6.6	(S)	1	1
32	Stone, clay, and glass products.....	6.3	10.2	5.9	6.4	373.2	3.8	(D)	4	7
34	Fabricated metal products.....	.6	2.4	.5	.8	126.7	1.6	(D)	7	5
35	Machinery, except electrical.....	.8	4.6	.5	.9	313.3	3.7	(D)	14	33
37	Transportation equipment.....	1.5	5.4	1.2	1.4	312.9	4.0	-	3	2
39	Miscellaneous manufacturing industries.....	.2	.7	.2	.4	23.3	.3	(D)	5	17
	Delaware, total.....	14.1	53.3	11.8	27.2	2,293.8	26.1	117.8	1	2
20	Food and kindred products.....	.9	4.0	.7	1.7	186.8	2.3	-	10	18
30	Rubber and plastics products, n.e.c.....	.5	2.3	.4	.9	104.9	1.4	(D)	1	10
33	Primary metal industries.....	1.1	5.2	.8	1.8	270.5	3.4	-	1	1
34	Fabricated metal products.....	.1	.5	.1	.2	18.7	.3	-	1	1
35	Machinery, except electrical.....	.1	.6	.1	.2	22.4	.4	-	12	6
38	Instruments and related products.....	(Z)	.4	(Z)	.1	15.8	.3	-	1	1
	Maryland, total.....	47.4	163.7	40.6	81.5	6,801.3	82.2	1,041.5	2	1
20	Food and kindred products.....	5.1	13.5	4.6	10.9	538.5	8.9	(D)	10	3
25	Furniture and fixtures.....	.2	1.2	.2	.5	44.7	.7	(D)	7	6
26	Paper and allied products.....	4.8	8.6	4.5	6.4	310.6	4.1	(D)	1	1
27	Printing and publishing.....	.5	3.7	.3	.8	179.0	2.9	-	8	5
28	Chemicals and allied products.....	7.6	21.6	6.8	11.8	821.5	9.8	(D)	1	2
30	Rubber and plastics products, n.e.c.....	1.0	4.4	.8	1.8	185.9	2.6	(D)	1	2
32	Stone, clay, and glass products.....	6.8	17.5	6.3	11.6	503.5	5.9	(D)	11	1
33	Primary metal industries.....	14.3	51.0	11.4	24.3	2,926.3	26.7	(D)	1	1
34	Fabricated metal products.....	1.2	5.5	1.0	2.3	201.2	3.2	-	4	4
35	Machinery, except electrical.....	.9	4.4	.7	1.6	189.7	2.8	-	11	5
36	Electrical equipment and supplies.....	1.0	5.8	.7	1.4	323.2	4.4	-	3	2
37	Transportation equipment.....	1.8	7.9	1.4	3.2	355.7	4.7	-	2	3
39	Miscellaneous manufacturing industries.....	(Z)	.5	(Z)	.1	43.8	.4	-	19	25
	District of Columbia, total.....	.9	4.7	.7	1.5	207.4	3.2	-	11	11
27	Printing and publishing.....	.3	2.7	.2	.7	108.6	2.0	-	9	4
	Virginia, total.....	66.6	193.7	59.4	116.8	7,220.8	76.9	2,172.7	3	1
20	Food and kindred products.....	3.5	12.4	3.0	6.0	500.4	6.4	(D)	9	11
21	Tobacco manufactures.....	1.2	5.0	1.0	2.4	215.0	2.6	(D)	1	1
22	Textile mill products.....	5.3	17.1	4.4	8.1	872.3	9.0	(D)	1	1
23	Apparel and other textile products.....	.4	3.0	.3	.8	132.6	2.2	-	4	2
25	Furniture and fixtures.....	.9	4.2	.7	1.4	206.4	2.8	(D)	3	2
26	Paper and allied products.....	12.3	26.4	11.6	20.2	663.6	6.2	1,218.9	1	1
27	Printing and publishing.....	.3	2.0	.2	.4	116.0	1.6	-	4	10
28	Chemicals and allied products.....	24.0	60.3	22.0	43.2	1,950.1	17.1	850.1	1	1
30	Rubber and plastics products, n.e.c.....	1.1	4.3	.8	1.6	251.7	2.7	(D)	1	2
31	Leather and leather products.....	.2	.8	.2	.3	26.0	.5	-	1	1
32	Stone, clay, and glass products.....	7.4	17.0	7.0	12.4	370.8	4.6	-	14	6
33	Primary metal industries.....	2.2	8.3	1.8	4.4	439.7	3.9	-	8	7
34	Fabricated metal products.....	.7	3.4	.5	1.1	188.3	2.3	-	5	12
35	Machinery, except electrical.....	.5	2.4	.4	.8	115.1	1.6	(D)	8	4
36	Electrical equipment and supplies.....	.9	5.3	.5	1.2	364.6	4.1	-	8	4
37	Transportation equipment.....	1.2	5.1	.9	2.0	277.5	3.1	(D)	1	1
38	Instruments and related products.....	.1	.4	.1	.1	20.0	.3	-	1	1
39	Miscellaneous manufacturing industries.....	.2	.8	.2	.4	29.7	.4	(D)	12	16

See footnotes at end of table.

TABLE 9. Fuels and Electric Energy Used for Heat and Power, for States by Major Industry Group: 1971—Continued

Code	State and industry group	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ¹ for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
		(billions)	(million dollars)	(billions)	(million dollars)	Col. E	Col. F	Col. G		
	West Virginia, total.....	68.2	155.6	58.4	83.9	9,845.7	71.7	3,038.2	1	1
28	Chemicals and allied products.....	35.4	69.8	31.4	40.9	4,030.7	28.9	(D)	1	1
29	Petroleum and coal products.....	.5	1.4	.5	.9	43.6	.5	-	9	13
32	Stone, clay, and glass products.....	10.3	22.4	9.8	17.0	542.5	5.4	(D)	3	3
33	Primary metal industries.....	17.6	44.3	13.2	17.4	4,378.2	26.9	(D)	2	1
34	Fabricated metal products.....	.6	2.6	.5	1.1	111.5	1.5	-	7	7
35	Machinery, except electrical.....	.3	1.1	.3	.5	35.7	.6	-	2	10
36	Electrical equipment and supplies.....	.7	3.2	.4	.6	258.6	2.6	2.2	1	1
	North Carolina, total.....	84.9	287.2	67.9	133.4	17,009.0	153.8	1,742.5	1	1
20	Food and kindred products.....	4.8	15.6	4.1	8.1	672.3	7.5	4.0	6	5
21	Tobacco manufactures.....	2.4	7.5	2.0	4.2	369.3	3.3	100.3	3	1
22	Textile mill products.....	27.0	106.4	19.1	37.2	7,900.4	69.2	49.6	2	1
23	Apparel, other textile products.....	1.0	5.8	.7	1.5	307.4	4.3	.3	8	6
24	Lumber and wood products.....	3.1	14.2	2.7	8.5	422.2	5.7	2.6	12	12
25	Furniture and fixtures.....	2.0	10.1	1.5	3.3	546.8	6.8	2.0	5	5
26	Paper and allied products.....	15.8	35.5	14.8	27.6	980.9	7.9	1,357.1	1	3
28	Chemicals and allied products.....	12.8	33.2	11.1	19.1	1,651.8	14.1	224.0	1	1
30	Rubber and plastics products, n.e.c.....	1.2	5.0	.9	1.7	348.4	3.3	-	5	1
32	Stone, clay, and glass products.....	7.0	17.0	6.5	12.1	510.5	4.9	5.3	16	3
33	Primary metal industries.....	2.5	10.8	.7	1.8	1,751.5	9.0	(Z)	3	1
34	Fabricated metal products.....	.9	4.2	.7	1.6	245.2	2.6	-	14	5
35	Machinery, except electrical.....	1.2	5.7	.8	1.8	356.5	3.9	(S)	9	3
36	Electrical equipment and supplies.....	1.9	8.9	1.1	2.3	775.3	6.6	-	1	1
38	Instruments and related products.....	.4	1.6	.3	.7	96.7	.9	-	7	2
39	Miscellaneous manufacturing industries.....	.2	1.2	.1	.3	78.6	.9	-	9	3
	South Carolina, total.....	61.3	194.1	48.9	88.5	12,375.8	105.6	2,090.2	1	15
22	Textile mill products.....	19.2	201.7	13.2	24.7	5,972.2	49.3	177.0	1	1
23	Apparel, other textile products.....	1.6	5.0	1.3	2.2	258.0	2.8	(S)	1	10
24	Lumber and wood products.....	1.5	7.2	1.3	4.0	230.0	3.2	-	11	11
25	Furniture and fixtures.....	.1	.7	.1	.2	40.0	.5	-	17	3
26	Paper and allied products.....	11.6	27.5	10.3	17.3	1,322.9	10.2	1,054.1	1	1
28	Chemicals and allied products.....	14.9	37.3	13.0	22.5	1,886.8	14.8	850.0	2	4
30	Rubber and plastics products, n.e.c.....	.8	2.9	.6	1.1	188.6	1.8	-	1	10
32	Stone, clay, and glass products.....	5.6	12.4	5.2	8.7	427.5	3.7	(S)	4	2
33	Primary metal industries.....	1.3	7.8	.5	1.2	829.0	6.6	(S)	3	76
35	Machinery, except electrical.....	1.0	4.4	.7	1.4	336.0	3.0	9.8	4	7
36	Electrical equipment and supplies.....	.6	3.6	.3	.7	323.3	2.9	-	1	1
37	Transportation equipment.....	.2	.9	.1	.2	72.9	.7	-	4	2
38	Instruments and related products.....	.2	.8	.1	.3	53.0	.5	-	1	1
39	Miscellaneous manufacturing industries.....	.2	.9	.1	.3	58.1	.6	-	11	1
	Georgia, total.....	70.8	217.9	60.4	112.2	10,407.3	105.7	2,480.3	2	2
20	Food and kindred products.....	5.3	18.1	4.5	8.5	794.3	9.6	30.3	9	14
22	Textile mill products.....	15.1	52.9	11.8	21.9	3,294.3	31.0	(S)	1	1
23	Apparel, other textile products.....	1.0	5.4	.7	1.4	263.9	4.0	1.4	6	5
25	Furniture and fixtures.....	.3	1.5	.2	.4	70.0	1.1	-	10	6
26	Paper and allied products.....	20.1	43.4	18.8	32.4	1,329.3	11.0	2,331.4	1	1
27	Printing and publishing.....	.5	2.5	.3	.5	171.7	2.0	-	14	28
28	Chemicals and allied products.....	8.4	24.7	6.9	11.5	1,489.1	13.2	44.4	4	1
30	Rubber and plastics products, n.e.c.....	1.1	4.3	.8	1.3	281.6	3.0	.3	3	3
31	Leather and leather products.....	(Z)	.4	(Z)	.1	26.1	.3	-	3	1
32	Stone, clay, and glass products.....	7.8	18.2	7.3	12.6	545.9	5.6	(S)	6	3
33	Primary metal industries.....	2.2	8.6	1.7	3.3	536.1	5.3	-	9	2
34	Fabricated metal products.....	.8	4.3	.6	1.5	207.1	2.8	(S)	7	6
35	Machinery, except electrical.....	.5	2.4	.4	.9	120.8	1.5	(S)	23	16
36	Electrical equipment and supplies.....	.7	3.1	.5	1.0	207.7	2.1	-	1	1
37	Transportation equipment.....	2.0	9.5	1.4	3.3	588.8	6.2	(S)	2	8
	Florida, total.....	55.6	163.4	48.7	84.2	6,924.1	79.2	2,026.0	2	1
20	Food and kindred products.....	8.1	27.8	7.0	13.8	1,093.0	14.0	51.9	1	2
26	Paper and allied products.....	16.7	29.6	16.3	25.1	385.5	4.5	1,745.8	1	1
28	Chemicals and allied products.....	16.7	41.8	14.2	20.7	2,512.3	21.1	197.0	1	1
29	Petroleum and coal products.....	.8	1.4	.8	1.1	18.6	.3	-	14	12
30	Rubber and plastics products, n.e.c.....	.2	1.8	.1	.1	105.5	1.7	-	10	19
32	Stone, clay, and glass products.....	6.8	19.0	6.3	12.6	527.4	6.4	13.6	4	4
33	Primary metal industries.....	1.0	4.2	.8	1.6	229.4	2.6	-	6	4
34	Fabricated metal products.....	.9	5.2	.6	1.5	280.2	3.7	-	7	7
38	Instruments and related products.....	(Z)	1.0	(Z)	.1	65.8	.9	-	20	5
39	Miscellaneous manufacturing industries.....	.2	2.1	.1	.2	136.6	1.9	-	14	12

See footnotes at end of table.

TABLE 9. Fuels and Electric Energy Used for Heat and Power, for States by Major Industry Group: 1971—Continued

Code	State and industry group	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
						(million kw.-hrs.)	(million dollars)	(million kw.-hrs.)		
		Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G		
	Kentucky, total.....	63.7	233.4	44.1	88.1	19,574.9	145.3	45.9	1	1
20	Food and kindred products.....	4.8	12.6	4.4	7.3	378.9	5.3	14.5	6	8
21	Tobacco manufactures.....	.9	2.9	.8	1.3	140.6	1.6	-	1	1
22	Textile mill products.....	.4	1.8	.2	.4	154.9	1.4	-	12	1
23	Apparel, other textile products.....	.4	2.0	.3	.6	83.0	1.4	-	3	2
26	Paper and allied products.....	2.4	5.7	2.0	2.9	361.9	2.8	-	1	1
27	Printing and publishing.....	.4	2.1	.3	.6	126.3	1.5	(S)	10	7
28	Chemicals and allied products.....	22.2	95.1	8.9	11.6	13,268.7	83.5	(S)	1	1
30	Rubber and plastics products, n.e.c.....	.8	3.2	.6	.9	223.6	2.3	-	3	5
32	Stone, clay, and glass products.....	3.5	8.1	3.2	5.1	306.5	3.0	(D)	6	3
33	Primary metal industries.....	16.4	57.7	14.2	40.4	2,200.1	17.3	(D)	1	1
34	Fabricated metal products.....	2.0	7.5	1.7	3.4	329.2	4.1	(D)	5	8
35	Machinery, except electrical.....	2.4	8.6	1.9	3.3	465.9	5.3	-	1	1
36	Electrical equipment and supplies.....	2.6	10.3	1.9	3.2	729.9	7.1	-	1	1
37	Transportation equipment.....	1.0	3.9	.8	1.5	231.8	2.4	-	1	1
38	Instruments and related products.....	.1	.8	.1	.2	44.1	.6	-	1	2
39	Miscellaneous manufacturing industries.....	.2	1.0	.2	.3	48.6	.7	-	20	14
	Tennessee, total.....	93.1	279.8	68.6	107.5	24,520.5	172.3	1,588.2	1	1
20	Food and kindred products.....	5.0	13.9	4.3	6.8	738.1	7.1	(D)	2	3
21	Tobacco manufactures.....	(S)	(S)	.1	.1	(S)	(S)	-	1	(X)
22	Textile mill products.....	3.1	11.2	2.3	4.1	832.9	7.1	(S)	1	1
23	Apparel, other textile products.....	1.0	5.7	.7	1.6	297.4	4.1	(D)	1	2
24	Lumber and wood products.....	1.0	5.6	.8	2.5	221.7	3.1	(D)	18	10
25	Furniture and fixtures.....	.6	3.0	.4	.9	197.8	2.1	(D)	5	14
26	Paper and allied products.....	7.4	18.8	6.2	9.2	1,243.4	9.6	(D)	1	1
27	Printing and publishing.....	.6	2.4	.4	.9	174.5	1.5	-	4	25
28	Chemicals and allied products.....	42.6	110.4	31.7	43.4	10,901.9	67.0	1,114.4	1	1
29	Petroleum and coal products.....	.9	1.3	.8	1.0	55.6	.5	-	3	4
30	Rubber and plastics products, n.e.c.....	2.2	6.3	1.6	2.1	514.8	4.2	(S)	2	4
31	Leather and leather products.....	.4	1.9	.3	.6	114.0	1.3	-	1	1
32	Stone, clay, and glass products.....	10.3	21.1	9.4	13.8	898.0	7.3	-	6	3
33	Primary metal industries.....	10.1	46.7	3.9	8.0	6,241.4	38.7	-	8	4
34	Fabricated metal products.....	2.1	8.5	1.6	3.7	520.7	4.8	-	9	6
35	Machinery, except electrical.....	1.9	7.3	1.5	3.5	389.1	3.8	-	17	15
36	Electrical equipment and supplies.....	2.3	9.3	1.5	3.0	780.0	6.3	-	4	1
37	Transportation equipment.....	.9	3.7	.7	1.4	235.6	2.3	-	1	6
38	Instruments and related products.....	.1	.3	.1	.1	20.6	.2	-	4	7
39	Miscellaneous manufacturing industries.....	.4	1.9	.3	.7	135.8	1.2	-	11	28
	Alabama, total.....	97.0	256.3	82.3	137.7	14,740.7	118.6	2,322.7	1	3
20	Food and kindred products.....	2.3	7.8	1.9	3.3	394.0	4.5	(D)	9	8
22	Textile mill products.....	3.8	19.6	3.6	6.0	1,601.6	13.6	(D)	1	1
23	Apparel, other textile products.....	.6	3.4	.4	.9	194.3	2.5	(D)	5	5
26	Paper and allied products.....	21.4	38.6	19.6	25.0	1,799.8	13.6	2,062.8	7	8
27	Printing and publishing.....	.3	1.4	.2	.4	78.1	1.0	-	4	7
28	Chemicals and allied products.....	18.9	38.0	15.9	17.8	2,952.8	20.2	(D)	1	2
29	Petroleum and coal products.....	1.5	2.1	1.5	1.7	39.9	.4	-	10	14
30	Rubber and plastics products, n.e.c.....	1.9	6.1	1.5	2.4	448.0	3.7	-	1	1
32	Stone, clay, and glass products.....	9.7	18.6	9.1	13.2	561.2	5.4	(S)	5	3
33	Primary metal industries.....	28.9	93.2	23.6	55.1	5,307.4	38.1	(D)	1	1
34	Fabricated metal products.....	1.7	5.5	1.5	2.9	238.6	2.6	(D)	8	3
35	Machinery, except electrical.....	.3	1.4	.2	.4	114.5	1.0	-	6	9
36	Electrical equipment and supplies.....	.5	2.2	.3	.6	159.9	1.6	(S)	2	2
37	Transportation equipment.....	1.1	4.2	.9	1.6	219.4	2.6	(S)	2	3
	Mississippi, total.....	41.3	87.7	37.0	46.4	4,330.0	41.3	957.6	3	2
20	Food and kindred products.....	2.0	7.4	1.6	3.0	372.5	4.4	-	10	4
22	Textile mill products.....	.5	2.0	.4	.6	144.7	1.4	-	1	1
23	Apparel, other textile products.....	.4	2.6	.3	.5	147.2	2.1	(D)	4	4
24	Lumber and wood products.....	5.4	14.3	4.9	8.9	453.2	5.4	(D)	17	12
25	Furniture and fixtures.....	.4	1.8	.3	.5	101.6	1.3	-	6	5
26	Paper and allied products.....	8.8	11.0	8.6	9.4	159.4	1.6	(D)	1	1
28	Chemicals and allied products.....	9.1	17.4	7.8	8.6	1,250.3	8.8	(D)	1	1
32	Stone, clay, and glass products.....	4.0	7.8	3.7	5.2	256.9	2.6	(S)	12	2
33	Primary metal industries.....	.6	1.6	.5	.7	99.8	.9	(S)	1	1
34	Fabricated metal products.....	.4	2.0	.3	.6	106.6	1.4	-	11	4
35	Machinery, except electrical.....	.4	1.8	.3	.5	100.2	1.3	-	4	2
36	Electrical equipment and supplies.....	.8	2.5	.6	.9	156.4	1.6	-	3	1
37	Transportation equipment.....	.3	2.0	.1	.1	169.6	1.9	-	18	4
39	Miscellaneous manufacturing industries.....	.3	.9	.2	.3	68.8	.6	-	7	4

See footnotes at end of table.

TABLE 9. Fuels and Electric Energy Used for Heat and Power, for States by Major Industry Group: 1971—Continued

Code	State and industry group	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
		Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G		
	Arkansas, total.....	46.6	100.8	40.9	50.7	5,735.4	50.1	1,245.4	2	1
20	Food and kindred products.....	3.5	10.3	3.0	3.7	518.3	6.6	(D)	10	
22	Textile mill products.....	5.8	1.9	5.7	.7	118.4	1.2	-	4	1
24	Lumber and wood products.....	3.3	11.8	2.9	6.9	402.5	4.9	(D)	11	7
26	Paper and allied products.....	11.0	17.2	10.4	12.1	567.4	5.1	568.6	1	1
28	Chemicals and allied products.....	12.5	15.0	12.3	13.1	170.6	1.9	(D)	1	3
29	Petroleum and coal products.....	2.9	4.1	2.8	2.9	130.1	1.2	-	15	2
30	Rubber and plastics products, n.e.c.....	.7	2.3	.5	.6	160.7	1.7	-	1	1
32	Stone, clay, and glass products.....	4.8	8.1	4.6	6.0	199.4	2.1	-	18	5
33	Primary metal industries.....	4.6	(D)	1.9	1.9	2,675.7	(D)	(D)	1	1
34	Fabricated metal products.....	.5	2.2	.4	.8	93.7	1.4	-	10	7
	Louisiana, total.....	203.8	248.2	191.3	164.6	12,540.4	83.6	9,280.3	1	1
20	Food and kindred products.....	8.2	13.6	7.8	8.2	423.2	5.4	118.1	6	8
24	Lumber and wood products.....	2.5	7.2	2.1	3.4	376.4	3.8	(D)	9	9
26	Paper and allied products.....	21.0	26.8	19.9	18.9	1,129.3	7.9	1,720.8	1	1
28	Chemicals and allied products.....	79.8	98.5	72.6	57.5	7,248.7	41.0	2,251.3	1	2
29	Petroleum and coal products.....	67.5	71.3	65.2	57.0	2,336.1	14.3	(D)	1	1
32	Stone, clay, and glass products.....	5.8	8.1	5.5	5.6	272.0	2.5	-	5	4
34	Fabricated metal products.....	.6	2.4	.5	1.1	100.5	1.3	-	5	3
36	Electrical equipment and supplies.....	.4	1.7	.3	.4	129.3	1.3	-	1	1
37	Transportation equipment.....	.6	2.4	.4	.8	151.8	1.6	-	11	6
	Oklahoma, total.....	32.9	55.0	29.8	27.8	3,108.0	27.2	102.7	1	4
20	Food and kindred products.....	1.7	5.0	1.4	1.7	302.0	3.3	(D)	10	9
25	Furniture and fixtures.....	.1	.6	.1	.2	27.8	.4	-	10	5
26	Paper and allied products.....	.7	1.9	.5	.6	180.4	1.3	-	1	1
28	Chemicals and allied products.....	1.0	2.8	.7	.7	349.1	2.1	-	1	6
29	Petroleum and coal products.....	16.2	16.6	15.6	11.9	636.0	4.7	(D)	2	1
32	Stone, clay, and glass products.....	5.8	8.3	5.4	5.2	354.1	3.1	-	5	2
33	Primary metal industries.....	3.3	5.8	3.0	3.5	257.8	2.3	-	1	1
34	Fabricated metal products.....	.9	3.2	.8	1.2	145.6	2.0	-	11	8
35	Machinery, except electrical.....	.8	3.3	.6	.8	199.3	2.5	-	5	2
36	Electrical equipment and supplies.....	.3	1.1	.2	.2	97.3	.9	-	1	25
37	Transportation equipment.....	.6	1.7	.4	.5	154.0	1.2	-	1	3
	Texas, total.....	536.8	689.8	501.6	437.6	35,153.4	252.2	17,264.0	1	1
20	Food and kindred products.....	12.3	32.8	10.4	12.1	1,937.3	20.7	79.1	8	4
24	Lumber and wood products.....	2.6	7.8	2.2	3.8	375.3	4.0	(D)	12	9
25	Furniture and fixtures.....	.5	2.3	.4	.7	103.3	1.6	-	21	11
26	Paper and allied products.....	10.8	15.7	10.0	9.1	849.3	6.6	1,621.6	1	2
28	Chemicals and allied products.....	184.5	225.9	172.0	152.2	12,487.6	73.8	5,494.1	1	1
29	Petroleum and coal products.....	232.3	210.3	226.8	174.4	5,498.0	35.9	2,743.2	1	1
30	Rubber and plastics products, n.e.c.....	1.6	5.8	1.1	1.3	450.0	4.5	-	5	5
32	Stone, clay, and glass products.....	27.0	33.9	25.7	22.5	1,321.1	11.4	(D)	6	6
33	Primary metal industries.....	47.7	88.9	40.1	45.4	7,639.7	43.5	7,183.3	1	1
34	Fabricated metal products.....	4.7	14.3	3.8	4.3	924.6	10.0	-	7	7
35	Machinery, except electrical.....	3.3	12.4	2.5	2.8	847.9	9.6	(S)	6	7
36	Electrical equipment and supplies.....	1.9	7.3	1.3	1.7	637.4	5.6	(D)	13	3
37	Transportation equipment.....	3.3	12.2	2.4	3.0	926.3	9.2	(D)	10	4
39	Miscellaneous manufacturing industries.....	1.4	3.7	1.2	1.5	198.7	2.2	-	2	9
	Montana, total.....	15.0	33.2	10.1	15.0	4,894.3	18.2	(D)	2	1
20	Food and kindred products.....	1.5	2.7	1.4	1.7	74.1	1.0	(D)	4	5
24	Lumber and wood products.....	.9	4.6	.7	2.1	246.7	2.5	(S)	12	5
29	Petroleum and coal products.....	1.6	3.1	1.4	1.4	240.4	1.7	-	4	1
32	Stone, clay, and glass products.....	1.4	2.3	1.3	1.6	78.9	.7	-	6	2
	Idaho, total.....	15.1	45.2	11.1	20.1	4,024.9	25.1	169.1	2	1
20	Food and kindred products.....	5.5	12.3	5.1	8.6	384.1	3.7	(D)	2	2
24	Lumber and wood products.....	1.4	6.0	1.1	3.1	328.5	2.9	(D)	8	6
28	Chemicals and allied products.....	3.9	16.3	1.3	1.9	2,583.7	14.4	-	1	1
	Wyoming, total.....	5.9	9.8	5.6	7.0	300.7	2.8	28.6	26	1
20	Food and kindred products.....	.8	1.3	.8	1.0	21.2	.3	(D)	1	8
29	Petroleum and coal products.....	3.3	4.6	3.1	3.0	204.1	1.6	(D)	1	21

See footnotes at end of table.

TABLE 9. Fuels and Electric Energy Used for Heat and Power, for States by Major Industry Group: 1971—Continued

Code	State and industry group	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
		(billions)	(million dollars)	(billions)	(million dollars)	Col. E	Col. F	Col. G		
		Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G		
	Colorado, total.....	22.7	48.4	20.6	26.5	2,102.0	21.9	389.1	6	
20	Food and kindred products.....	6.9	12.7	6.4	8.4	450.3	4.3	89.6	5	5
26	Paper and allied products.....	.2	.7	.2	.3	32.4	.4	-	17	6
27	Printing and publishing.....	(S)	1.4	.2	.3	(S)	1.1	-	15	14
28	Chemicals and allied products.....	1.0	2.2	.9	.9	127.7	1.3	(D)	1	1
29	Petroleum and coal products.....	.9	2.0	.8	1.1	101.8	.9	-	14	1
34	Fabricated metal products.....	.5	2.2	.4	.7	138.6	1.5	-	10	5
35	Machinery, except electrical.....	.6	2.5	.5	.7	149.6	1.8	-	4	3
36	Electrical equipment and supplies.....	.3	1.3	.2	.3	84.6	1.0	-	6	2
37	Transportation equipment.....	.1	.6	.1	.2	38.9	.4	-	6	14
	New Mexico, total.....	4.1	9.4	3.7	5.0	367.4	4.4	(D)	8	8
	Arizona, total.....	14.9	42.2	13.0	20.3	1,920.2	21.9	343.2	1	1
20	Food and kindred products.....	1.1	3.9	.9	1.6	165.0	2.3	(D)	7	4
24	Lumber and wood products.....	.5	2.4	.4	1.4	76.7	1.0	-	2	1
28	Chemicals and allied products.....	.4	1.0	.3	.4	50.7	.6	(D)	1	5
32	Stone, clay, and glass products.....	2.5	5.7	2.3	3.6	179.7	2.1	-	5	2
33	Primary metal industries.....	7.5	15.3	7.0	9.8	540.4	5.5	158.2	1	1
34	Fabricated metal products.....	.4	1.8	.3	.5	114.3	1.3	-	9	10
35	Machinery, except electrical.....	.4	3.0	.2	.6	171.1	2.4	(S)	4	10
36	Electrical equipment and supplies.....	.6	3.8	.2	.3	358.6	3.5	-	6	4
	Utah, total.....	14.1	29.2	12.8	16.1	1,274.2	13.1	(D)	2	3
20	Food and kindred products.....	1.3	3.9	1.1	1.5	161.4	2.4	(D)	7	13
28	Chemicals and allied products.....	.4	1.9	.3	.5	132.8	1.4	-	2	5
29	Petroleum and coal products.....	1.2	2.6	1.1	1.3	144.1	1.3	-	9	1
32	Stone, clay, and glass products.....	2.2	3.8	2.1	2.4	114.0	1.2	(S)	16	4
37	Transportation equipment.....	.4	1.2	.3	.6	64.1	.6	-	1	1
	Nevada, total.....	5.5	13.4	4.6	8.0	871.7	5.4	270.8	10	8
28	Chemical and allied products.....	1.5	4.0	1.0	1.6	521.4	2.4	(D)	-	
32	Stone, clay, and glass products.....	2.4	5.4	2.3	3.9	132.6	1.5	(S)	20	15
	Washington, total.....	59.9	156.3	41.8	75.5	18,057.8	80.8	356.2	1	1
20	Food and kindred products.....	5.3	13.1	4.7	8.5	571.3	4.6	(Z)	5	6
24	Lumber and wood products.....	3.7	15.5	2.7	8.5	979.8	7.0	(D)	7	6
26	Paper and allied products.....	20.3	42.8	17.3	29.9	3,033.9	12.9	405.8	1	1
28	Chemicals and allied products.....	5.3	12.5	3.9	5.8	1,434.3	6.7	-	1	1
33	Primary metal industries.....	18.9	42.1	4.6	7.7	9,722.1	34.4	(S)	3	1
34	Fabricated metal products.....	.4	1.7	.3	.7	94.9	1.0	-	9	8
35	Machinery, except electrical.....	.6	2.5	.4	.7	193.7	1.8	(S)	20	29
37	Transportation equipment.....	3.1	9.6	2.2	4.7	872.3	4.9	-	4	3
	Oregon, total.....	36.9	108.7	25.8	55.7	11,086.4	53.0	719.7	2	1
20	Food and kindred products.....	3.6	9.0	3.2	5.5	385.3	3.5	14.4	4	1
24	Lumber and wood products.....	10.2	41.5	8.1	23.4	2,108.1	18.1	652.2	6	3
26	Paper and allied products.....	11.5	25.6	8.5	14.7	2,955.5	10.9	53.5	1	1
28	Chemicals and allied products.....	1.8	3.8	1.2	1.8	625.6	2.0	-	1	1
29	Petroleum and coal products.....	.5	.8	.5	.7	13.6	.1	-	12	6
35	Machinery, except electrical.....	.3	1.7	.2	.5	107.9	1.2	(S)	9	15
36	Electrical equipment and supplies.....	.5	1.4	.3	.5	151.2	.9	-	1	7
37	Transportation equipment.....	.2	1.1	.1	.3	93.4	.8	-	1	

See footnotes at end of table.

TABLE 9. Fuels and Electric Energy Used for Heat and Power, for States by Major Industry Group: 1971—Continued

Code	State and industry group	Purchased fuels and purchased electric energy		Purchased fuels		Electric energy			Standard error of estimate (percent) ² for columns—	
		Kilowatt-hour equivalent ¹	Total cost	Kilowatt-hour equivalent	Cost	Purchased		Generated less sold	D	F
						Quantity	Cost			
		(billions)	(million dollars)	(billions)	(million dollars)	(million kw.-hrs.)	(million dollars)	(million kw.-hrs.)		
		Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G		
	California, total.....	204.4	607.8	172.9	277.5	31,517.9	330.3	1,357.4	1	1
20	Food and kindred products.....	30.2	78.7	27.3	44.6	2,863.9	34.1	216.6	2	2
22	Textile mill products.....	1.4	4.7	1.3	2.2	149.8	2.5	.8	15	8
23	Apparel, other textile products.....	.7	5.3	.5	1.1	227.3	4.2	.7	15	9
24	Lumber and wood products.....	5.8	25.8	4.6	12.2	1,243.5	13.6	119.8	11	5
25	Furniture and fixtures.....	.8	4.4	.6	1.1	235.2	3.3	4.0	13	49
26	Paper and allied products.....	9.8	28.2	8.4	15.0	1,391.6	13.2	619.7	2	1
27	Printing and publishing.....	1.7	12.0	1.0	1.7	744.5	10.3	(D)	13	6
28	Chemicals and allied products.....	20.4	52.3	17.5	25.1	2,938.6	27.2	(D)	1	1
29	Petroleum and coal products.....	48.8	96.2	44.0	58.9	4,828.6	37.3	(D)	2	1
30	Rubber and plastics products, n.e.c.....	3.5	16.7	2.3	3.7	1,173.1	13.0	(D)	5	5
32	Stone, clay, and glass products.....	34.0	70.8	31.5	47.2	2,480.7	23.6	(S)	2	2
33	Primary metal industries.....	17.8	54.3	14.3	26.8	3,482.6	27.5	(S)	4	4
34	Fabricated metal products.....	7.6	31.2	6.0	12.3	1,556.6	18.9	(D)	9	8
35	Machinery, except electrical.....	4.5	26.0	3.0	5.6	1,484.2	20.4	(D)	12	6
36	Electrical equipment and supplies.....	5.7	32.7	3.1	5.9	2,552.5	26.8	(S)	3	1
37	Transportation equipment.....	7.8	38.6	4.9	9.0	2,922.4	29.6	(D)	2	2
38	Instruments and related products.....	.8	4.6	.5	.7	313.3	3.9	.8	5	3
39	Miscellaneous manufacturing industries.....	3.8	22.6	2.0	4.2	1,753.9	18.4	.2	4	11
	Alaska, total.....	3.5	8.1	3.4	6.9	70.1	1.2	336.1	3	6
20	Food and kindred products.....	.5	2.1	.5	1.4	31.2	.7	(D)	10	8
24	Lumber and wood products.....	.4	1.6	.4	1.4	9.5	.2	11.4	15	26
	Hawaii, total.....	3.1	10.8	2.7	6.2	358.1	4.6	393.4	3	10
20	Food and kindred products.....	1.9	6.3	1.7	4.0	190.3	2.3	389.9	2	4
32	Stone, clay, and glass products.....	1.0	2.7	1.0	1.8	36.9	.9	-	9	1

Note: Detailed figures may not add to totals because of independent rounding and because totals include insignificant fuel costs (less than 0.3 percent of the total) undistributed by State. The totals shown for States include data for all component industry groups whether or not separate figures are shown for the individual industry groups that comprise the totals.

Estimates for major group 19, "Ordinance" are included with major group 39, "Miscellaneous manufacturing industries."

- Represents zero. (X) Not applicable. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. Unpublished estimates in this table, including those which can be derived by subtraction, should be considered generally unreliable. (Z) Less than half of the unit of measurement shown. (For cost, represents less than \$50 thousand; for kilowatt-hour equivalents in columns A and C, less than 50 million units; for kilowatt-hours in columns E and G, less than 50 thousand units.)

¹The kilowatt-hour equivalent shown is the sum of the quantity of electric energy purchased (column E) and the estimated kilowatt-hour equivalent for purchased fuels (column C). A more detailed explanation of the factors used to compute kilowatt-hour equivalents is given in the text.

²A description of the standard error of estimate is given in the text. The percentage standard errors shown for columns D and F are the approximate relative standard errors of the estimates of level.

Appendixes



APPENDIX A. Explanation of Terms

Employment and Payrolls—The census of manufactures provides information on employment and payrolls at operating establishments and central administrative offices and auxiliaries. On the standard forms for manufacturing establishments, the number of production workers by quarter and all other employees during the pay period including March 12 was requested. Form NC-X6, "Central Administrative Office or Auxiliary Establishment," called for employment as of March 12 only. Both forms called for salaries and wages paid for the year.

All Employees—This category comprises all full-time and part-time employees who worked or received pay for any part of the pay periods including the 12th of the months specified on the report forms. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. Officers of corporations are included as employees; proprietors and partners of unincorporated firms, however, are excluded.

In special cases, respondents were instructed to exclude agricultural or fishery employment and related data from their reports. These were sugar mills operated as part of plantations, canning or freezing plants operated in conjunction with farms, and fish processing plants engaged in fishing.

Production and Related Workers—This category includes workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level were excluded from this category.

All Other Employees—These are defined as nonproduction personnel, including employees engaged in the following activities: Factory supervision above the working foreman level, sales (including driver-salesmen), sales delivery (highway truckdrivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical. Also included are employees on the payroll engaged in the construction of major additions or alterations to the plant and utilized as a separate work force.

Average Employment—The number of production workers as shown in the census tabulations is an average of the four quarterly figures reported by manufacturing plants. The "all employees" figure is the sum of this average and the reported number of other employees as of March 12.

Payrolls—This category includes the gross annual earnings of employees on the payroll. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. This definition includes all forms of compensation such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of Armed Forces and pensioners carried on the active payroll.

The 1972 census definition of payrolls is identical to that recommended to all Federal statistical agencies by the Office of Management and Budget. This definition does not include supplementary labor costs such as employer's Social Security contributions and other legally required expenditures or payments for voluntary programs. Data on such supplementary labor costs were collected in the ASM and are scheduled for publication in the ASM reports, but are not included in the census reports.

Man-Hours—This total consists of all plant man-hours of production and related workers as defined above. It represents all man-hours at the plant including actual overtime hours—not straight-time equivalent hours. It excludes hours paid for vacations, holidays, or sick leave, when the employee was not actually at the plant. Where employees elected to work during the vacation period, the actual hours worked by such employees were reported.

Cost of Materials, Etc., Consumed—A summary inquiry on form MA-100 and the other manufacturing establishment report forms requested information on the cost of materials, supplies, semifinished goods, fuels, and electric energy actually consumed or put into production during the year and the cost of products purchased for resale, whether purchased, withdrawn from inventories, or received from other establishments of the company. Included, also, are the costs of materials supplied by the establishment which were processed elsewhere on contract for the establishment. "Cost" was defined as the direct charges actually paid or payable for items consumed or

put into production during the year, after discounts, and including freight charges and other direct charges incurred by the establishment in acquiring the materials.

To arrive at the industry total "cost of materials, etc.,"¹ separate figures were obtained for (a) the total delivered cost of all raw materials, semifinished goods, parts, components, containers, scrap, and supplies consumed or put into production, (b) the amount paid for electric energy purchased, (c) the amount paid for all fuels consumed for heat, power, or the generation of electricity, (d) the cost of work done by others on materials or parts furnished by the reporting establishment (contract work), and (e) the cost of products bought and resold in the same condition.

It should be noted that the cost of fuel consumed under (c), above, does not include fuel used as a material in the manufacturing process; for example, coal used in the production of coke. Such costs are included with other materials cost in category (a), above.

The total excludes the cost of services used, such as advertising, insurance, telephone, etc., and developmental, research, and consulting services of other establishments. It also excludes overhead costs, such as depreciation charges, rent, interest, royalties, etc., and materials, machinery, and equipment used in plant expansion or capitalized repairs which are chargeable to fixed assets accounts.

For materials received from other plants of the same company or from a central materials depot (whether at the same or different physical location), respondents were asked to value the items at their full economic value as produced, plus freight and other direct handling charges. The respondents were asked to check, where possible, that the cost equaled the value of shipments reported for the items by the company's plant which produced and transferred the goods, plus freight and other direct charges.

Value of Shipments—Except in a few industries, the respondents were instructed to report net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. For a few industries, specifically noted in the text of the industry chapters, Volume II, delivered prices were requested if delivery by employees of the establishment was a routine practice, as in the milk and bakery industries.

For most industries, value of shipments is readily available from accounting records and is closely related to the value of production. In a small group of industries, however, value of production or of work done was requested. This instruction was of particular importance in the aircraft and shipbuilding industries, where the shipments or deliveries of complete units

may be a poor approximation of the work actually done during a given year.

Manufacturers were asked to include as products shipped not only the products made in the establishment but also those made elsewhere under contract from the materials owned by the establishment. Included were all products sold, transferred to other parts of the same company, or shipped on consignment. The duplication in value of shipments and cost of materials arising because of the shipment of semifinished products among manufacturing plants is discussed in part III of the Introduction, which also includes comments on the valuation of intracompany shipments by multiunit firms.

Miscellaneous Receipts—In addition, manufacturers reported receipts for contract work performed for others, resales (that is, the value of all products resold without further processing), receipts for miscellaneous activities such as sale of scrap and refuse, and the value of installation and repair work performed by the plant employees. Although the value of products bought and resold without further processing is included in the value of shipments totals for each industry, it is excluded from the figures for individual products or classes of products.

Value Added by Manufacture—This figure is derived by subtracting the total cost of materials (including materials, supplies, fuel, electric energy, cost of resales, and contract work done by others) from the value of shipments, including resales, and other receipts and adjusting the resulting amount by the net change in finished products and work-in-process inventories between the beginning and end of the year.²

Value added avoids the duplication in the value of shipments figure which results from the inclusion of the shipments of establishments producing materials and components along with the shipments of establishments producing finished products. It is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Inventories—The value of beginning-of-year and end-of-year inventories held by each manufacturing establishment was obtained in the 1972 census. Separate inventory figures were requested for (1) finished products, (2) work in process, and (3) materials, supplies, fuel, and other inventories.

Respondents were asked to report their inventories at approximate current costs, if feasible; otherwise, at book value. Since different methods of inventory valuation are used (LIFO, FIFO, etc.), the value of inventories aggregated for all

¹In some tables, this category is designated simply as "cost of materials."

²For a few industries (for example, aircraft and shipbuilding) where value of work done is substituted for value of shipments, no adjustment is made for change in inventories. In a few other industries where value of production is collected, the inventory adjustment is made only on the basis of change in work-in-process inventories.

APPENDIX A—Continued

establishments in an industry is not precisely defined. The importance of reporting inventories on a comparable basis was emphasized in the instructions; thus the year-to-year change in inventories indicated by the census figures is of more significance than their level.

In using inventory data by stage of fabrication for all industries and at the 2-digit industry level, it should be noted that an item treated as a finished product by one establishment may be reported as a material by another establishment. For example, the finished product inventories of a steel mill would be reported as materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication for individual industries, industry groups, and all manufacturing, since these figures are merely aggregates of the figures reported by establishments.

Multiunit companies were instructed to include the inventories held by each establishment in that establishment's report. The inventory data tabulated on a geographic basis are believed, therefore, to reflect the actual physical holdings in each area, to the extent that the inventories were owned by the reporting companies. It is not clear where goods owned by one company and stored by another were reported.

Special instructions on inventories were issued for two industries in the food group. Meatpacking establishments were told to report work in process separately only if separate records were maintained; otherwise, to combine work in process with finished products. Distillers were instructed to include stocks of liquors held for aging as finished products, not as work in process.

Capital Expenditures—Under this heading, manufacturers were instructed to report expenditures of the type chargeable to fixed assets accounts for which depreciation reserves are normally maintained. Actual capital outlays during the year were requested, not the final value of equipment put in place or structures completed during the year. It was suggested to the respondents that capital expenditures, as thus defined, could be computed by the following formula: The cost of additions completed during the year, plus construction in progress at the end of the year, less construction in progress at the beginning of the year. It was specified that the census definition of capital expenditures was to be used in computing the gross value of fixed assets discussed below.

Capital expenditures include the cost of plant and equipment for replacement purposes, as well as for additions to productive capacity. Cost associated with plants under construction but not in operation during the year are also included. The method of collecting data for plants under construction is described in the Introduction, section 7, "Reporting Forms." Capital expenditures do not include plant

and equipment furnished to the manufacturer without charge by governmental or private organizations. The value of rented facilities is also excluded.

New Structures and Additions to Plant—This category includes all construction and other land improvements, whether built on contract or by the manufacturer's own labor force. Included are major alterations; capitalized repairs; new elevators, cranes, heating and air-conditioning equipment essentially a part of buildings; fixed structures such as blast furnaces, brick kilns, fractionating towers, and shipways; and land improvements such as roads, fences, parking lots, and railroad spurs.

New Machinery and New Equipment—This category includes production and all other machinery and equipment. Included are motors, lathes, presses, looms, and other production machinery; office machines and fixtures; furniture; and automobiles, trucks, and handling equipment. Major repairs or improvement to existing equipment are included if the cost is capitalized, as well as equipment manufactured by the plant for use in its own production.

Used Plant and Equipment—This category represents expenditures for old or existing plants and for secondhand equipment acquired from others. Transfers of used equipment between plants of multiunit companies are included. The companies were instructed to report such transfers at their current value rather than original cost. The Census Bureau estimates of capital expenditures as compared to those published in the joint Bureau of Economic Analysis—Securities and Exchange Commission survey are discussed in the Introduction.

Fuels and Electric Energy—Separate data were collected in the census for coal, coke, fuel oil, gas, and other fuels used for heat and power; purchased electric energy, electric energy generated by manufacturing establishments; and energy generated less the amount sold. Fuels used as a raw material (as coal in the production of coke) are included in the cost of materials rather than in the fuel category.

Assets and Rents—Data on the gross value of fixed assets owned and rental payments for leased fixed assets were collected in the ASM. These figures are scheduled for publication in the ASM series, but are not included in the census volumes.³

³ Earlier reports on these topics include chapter 9 of volume I, Summary Statistics, in the 1958 census, and chapter 7 of the ASM volumes for 1964-1965, 1968-1969, and 1970-1971.



APPENDIX B. Industry Descriptions

This appendix contains descriptions of the 450 4-digit industries for which data were compiled and published in the 1972 Census of Manufactures. With one exception, the industries are the same as those described in the 1972 edition of the Standard Industrial Classification (SIC) Manual. SIC industry 3572, Typewriters, was combined with industry 3579, Office Machines, N.E.C., in the census tabulations.

The industry titles and descriptions, in general, agree with those appearing in the SIC manual, but the descriptions have been expanded in some instances to include references to additional products classified in other industries.

20 FOOD AND KINDRED PRODUCTS

This major group includes establishments manufacturing or processing foods and beverages for human consumption, and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.

201 MEAT PRODUCTS

2011 Meatpacking Plants.—Establishments primarily engaged in the slaughtering, for their own account or on a contract basis for the trade, of cattle, hogs, sheep, lambs, and calves for meat to be sold or to be used on the same premises in canning and curing, and in making sausage, lard and other products. Establishments primarily engaged in killing, dressing, and packing poultry, rabbits, and other small game are classified in industry 2016; and those primarily engaged in killing and processing horses and other nonfood animals are classified in industry 2047. Establishments primarily engaged in manufacturing sausages and meat specialties from purchased meats are classified in industry 2013; and establishments primarily engaged in canning meat for baby food are classified in industry 2032.

2013 Sausages and Other Prepared Meat Products.—Establishments primarily engaged in manufacturing sausages, cured meats, smoked meats, canned meats, frozen meats, natural sausage casings, and other prepared meats and meat specialties from purchased carcasses and other materials. Sausage kitchens and other prepared meat plants operated by packing houses as separate establishments are also included in this industry. Establishments primarily engaged in canning or otherwise processing poultry, rabbits, and other small game are classified in industries 2016 and 2017. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in trade industries. Establishments primarily engaged in canning meat for baby food are classified in industry 2032.

2016 Poultry Dressing Plants.—Establishments primarily engaged in slaughtering and dressing poultry for their own account or on a contract basis for the trade for meat to be sold or to be used on the same premises in further processing, including cooking, smoking, raw-boning, canning, freezing, and dehydrating. This industry also includes the killing,

dressing, and packing of rabbits and other small game. Establishments primarily engaged in processing purchased carcasses are classified in industry 2017.

2017 Poultry and Egg Processing.—Establishments primarily engaged in the preparation of processed poultry products from purchased carcasses, including cooking, smoking, raw-boning, canning, freezing, and dehydrating, for their own account or on a contract basis for the trade; or in the drying, freezing, and breaking of eggs. The cleaning, oil treating, packing, and grading of eggs are classified in industry 5144. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in the trade industries.

202 DAIRY PRODUCTS

This group includes establishments primarily engaged in (1) manufacturing creamery butter, natural cheese, condensed and evaporated milk, ice cream and frozen desserts, and special dairy products such as processed cheese and malted milk and (2) processing (pasteurizing, homogenizing, vitaminizing, bottling) fluid milk and cream for wholesale or retail distribution. Independently operated milk receiving stations primarily engaged in the assembly and reshipment of bulk milk for the use of manufacturing or processing plants are classified in industry 5143.

2021 Creamery Butter.—Establishments primarily engaged in manufacturing creamery butter.

2022 Cheese, Natural and Processed.—Establishments primarily engaged in manufacturing all types of natural cheese (except cottage cheese—industry 2026), processed cheese, cheese foods, and cheese spreads.

2023 Condensed and Evaporated Milk.—Establishments primarily engaged in manufacturing condensed and evaporated milk and related products, including ice-cream mix and ice-milk mix made for sale as such, and dry milk products. Also included in the manufacture of nondairy-base cream substitutes and dietary supplements.

2024 Ice Cream and Frozen Desserts.—Establishments primarily engaged in manufacturing ice cream and other frozen desserts.

APPENDIX B—Continued

2026 Fluid Milk.—Establishments primarily engaged in processing (pasteurizing, homogenizing, vitaminizing, bottling) and distributing fluid milk and cream, and related products, including cottage cheese.

203 CANNED AND PRESERVED FRUITS AND VEGETABLES

2032 Canned Specialties.—Establishments primarily engaged in canning specialty products, such as baby foods, "native foods," health foods, and soups except seafood. Establishments primarily engaged in canning seafoods other than frozen are classified in industry 2091, frozen seafoods in industry 2092, and those primarily engaged in quick freezing canned specialties in industry 2038.

2033 Canned Fruits, Vegetables, Preserves, Jams, and Jellies.—Establishments primarily engaged in canning fruits and vegetables, and fruit and vegetable juices; and manufacturing catsup and similar tomato sauces, preserves, jams, and jellies. Establishments primarily engaged in canning seafoods (except frozen) are classified in industry 2091; and canned specialties, baby foods, and soups (except seafood) in industry 2032.

2034 Dried and Dehydrated Fruits, Vegetables, and Soup Mixes.—Establishments primarily engaged in sun drying or artificially dehydrating fruits and vegetables, or in manufacturing packaged soup mixes from dehydrated ingredients. Establishments primarily engaged in the grading and marketing of farm dried fruits, such as prunes and raisins, are classified in industry 5149.

2035 Pickled Fruits and Vegetables, Vegetable Sauces and Seasonings, and Salad Dressings.—Establishments primarily engaged in pickling and brining fruits and vegetables, and in manufacturing salad dressings, vegetable relishes, sauces, and seasonings. Establishments primarily engaged in manufacturing catsup and similar tomato sauces are classified in industry 2033, and those packing purchased pickles and olives in trade industries.

2037 Frozen Fruits, Fruit Juices and Vegetables.—Establishments primarily engaged in freezing and coldpacking (freezing) fruits, fruit juices, and vegetables.

2038 Frozen Specialties.—Establishments primarily engaged in freezing and coldpacking (freezing) food specialties such as frozen dinners and frozen pizza.

204 GRAIN MILL PRODUCTS

2041 Flour and Other Grain Mill Products.—Establishments primarily engaged in milling flour or meal from grain, except rice. The products of flour mills may be sold plain or in the form of prepared mixes or doughs for specific purposes. Establishments primarily engaged in manufacturing prepared flour mixes or doughs from purchased ingredients are classified in industry 2045, and rice milling in industry 2044.

2043 Cereal Breakfast Foods.—Establishments primarily engaged in manufacturing cereal breakfast foods and related preparations.

2044 Rice Milling.—Establishments primarily engaged in cleaning and polishing rice, and in manufacturing rice flour or meal. Other important products of this industry include brown rice, milled rice (including polished rice), rice polish, and rice bran.

2045 Blended and Prepared Flour.—Establishments primarily engaged in the preparation of blended flours and flour mixes or doughs from purchased flour. Establishments primarily engaged in milling flour from grain are classified in industry 2041.

2046 Wet Corn Milling.—Establishments primarily engaged in milling corn or sorghum grain (milo) by the wet process, and producing starch, sirup, oil, sugar, and byproducts such as gluten feed and meal. Establishments primarily engaged in manufacturing starch from other vegetable sources (potato, wheat, etc.) are also included. Establishments primarily engaged in manufacturing table sirups from corn sirup and other ingredients and those manufacturing starch-base dessert powders are classified in industry 2099.

2047 Dog, Cat and Other Pet Food.—Establishments primarily engaged in manufacturing dog, cat, and other pet food from cereal, meat, and other ingredients. These preparations may be canned, frozen, or dry. This industry also includes establishments slaughtering animals for pet food. Establishments primarily engaged in manufacturing feed for animals, other than pets, are classified in industry 2048.

2048 Prepared Feeds and Feed Ingredients for Animals and Fowls, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing prepared feeds and feed ingredients and adjuncts, for animals and fowls, not elsewhere classified. This industry in-

cludes poultry and livestock feed and feed ingredients, such as alfalfa meal, feed supplements, feed concentrates, and feed premixes. Establishments primarily engaged in manufacturing pet foods are classified in industry 2047.

205 BAKERY PRODUCTS

2051 Bread and Other Bakery Products, Except Cookies and Crackers.—Establishments primarily engaged in manufacturing bread, cakes, and other “perishable” bakery products. Establishments manufacturing bakery products for sale primarily for home service delivery, or through one or more non-baking retail outlets, are included in this industry. Establishments primarily engaged in producing “dry” bakery products, such as biscuits, crackers, and cookies, are classified in industry 2052. Establishments producing bakery products primarily for direct sale on the premises to household consumers are classified in Retail Trade, industry 5462.

2052 Cookies and Crackers.—Establishments primarily engaged in manufacturing cookies, crackers, pretzels, and similar “dry” bakery products. Establishments primarily engaged in producing “perishable” bakery products are classified in industry 2051.

206 SUGAR AND CONFECTIONERY PRODUCTS

2061 Cane Sugar, Except Refining Only.—Establishments primarily engaged in manufacturing raw sugar, sirup, or finished (granulated or clarified) cane sugar from sugarcane. Establishments primarily engaged in refining sugar from purchased raw cane sirup or sugar sirups are classified in industry 2062.

2062 Cane Sugar Refining.—Establishments primarily engaged in refining purchased raw cane sugar and sugar sirup.

2063 Beet Sugar.—Establishments primarily engaged in manufacturing sugar from sugar beets.

2065 Candy and Other Confectionery Products.—Establishments primarily engaged in manufacturing candy, including chocolate candy, salted nuts, other confections, and related products. Establishments primarily engaged in manufacturing solid chocolate bars are classified in industry 2066 and chewing gum in industry 2067. Establishments primarily engaged in

manufacturing confectionery for direct sale on the premises are classified in industry 5441, and those primarily engaged in shelling and roasting nuts are classified in industry 5145.

2066 Chocolate and Cocoa Products.—Establishments primarily engaged in shelling, roasting, and grinding cacao beans for the purpose of making chocolate liquor, from which cocoa powder and cocoa butter are derived, and in the further manufacture of solid chocolate bars and chocolate coatings. Establishments primarily engaged in manufacturing products, except candy, from purchased chocolate and cocoa are classified in industry 2099, and chocolate candy in industry 2065.

2067 Chewing Gum.—Establishments primarily engaged in manufacturing chewing gum or chewing gum base.

207 FATS AND OILS

2074 Cottonseed Oil Mills.—Establishments primarily engaged in manufacturing cottonseed oil and by-product cake, meal, and linters. Establishments primarily engaged in refining cottonseed oil into edible cooking oils are classified in industry 2079.

2075 Soybean Oil Mills.—Establishments primarily engaged in manufacturing soybean oil and byproduct cake and meal. Establishments primarily engaged in refining soybean oil into edible cooking oils are classified in industry 2079.

2076 Vegetable Oil Mills, Except Corn, Cottonseed, and Soybean.—Establishments primarily engaged in manufacturing vegetable oils and byproduct cake and meal, except corn, cottonseed, and soybean. Establishments primarily engaged in manufacturing corn oil and its byproducts are classified in industry 2046, those which are refining vegetable oils into edible cooking oils are classified in industry 2079, and those refining these oils for medicinal purposes in industry 2833.

2077 Animal and Marine Fats and Oils.—Establishments primarily engaged in manufacturing animal oils, including fish oil and other marine animal oils and fish and animal meal; and those rendering inedible grease and tallow from animal fat, bones, and meat scraps. Establishments primarily engaged in manufacturing lard and edible tallow and stearin are classified in group 201; those refining marine animal oils for medicinal purposes in industry 2833; and those manufacturing fatty acids in industry 2899.

APPENDIX B—Continued

2079 Shortening, Table Oils, Margarine and Other Edible Fats and Oils, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing shortening, table oils, margarine, and other edible fats and oils, not elsewhere classified, by further processing of purchased animal and vegetable oils. Establishments primarily engaged in producing corn oil are classified in industry 2046.

208 BEVERAGES

2082 Malt Beverages.—Establishments primarily engaged in manufacturing all kinds of malt beverages. Establishments primarily engaged in bottling purchased malt beverages are classified in industry 5181.

2083 Malt.—Establishments primarily engaged in manufacturing malt or malt byproducts from barley or other grains.

2084 Wines, Brandy, and Brandy Spirits.—Establishments primarily engaged in manufacturing wines, brandy, and brandy spirits. This industry also includes bonded storerooms which are engaged in blending wines. Establishments primarily bottling purchased wines, brandy, and brandy spirits, but which do not manufacture wines and brandy, are classified in industry 5182.

2085 Distilled, Rectified, and Blended Liquors.—Establishments primarily engaged in manufacturing alcoholic liquors by distillation and rectification and in manufacturing cordials and alcoholic cocktails by blending processes or by mixing liquors and other ingredients. Establishments primarily engaged in manufacturing industrial alcohol are classified in industry 2869, and those only bottling purchased liquors in industry 5182.

2086 Bottled and Canned Soft Drinks and Carbonated Waters.—Establishments primarily engaged in manufacturing soft drinks (nonalcoholic beverages) and carbonated waters. Establishments primarily engaged in manufacturing fruit and vegetable juices are classified in group 203, fruit sirups for flavoring in industry 2087, and cider in industry 2099. Establishments primarily engaged in bottling natural spring waters are classified in industry 5149.

2087 Flavoring Extracts and Flavoring Sirups, Not Elsewhere Classified.—Establishments primarily engaged

in manufacturing flavoring extracts, sirups, and fruit juices, not elsewhere classified, for soda fountain use or for the manufacture of soft drinks, and colors for bakers' and confectioners' use. Establishments primarily engaged in manufacturing chocolate sirup are classified in industry 2066 if from cacao beans and in industry 2099 if from purchased chocolate.

209 MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS

2091 Canned and Cured Fish and Seafoods.—Establishments primarily engaged in cooking and canning fish, shrimp, oysters, clams, crabs, and other seafoods, including soups; and those engaged in smoking, salting, drying, or otherwise curing fish for the trade. Establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers, or in freezing and packaging fresh fish, are classified in industry 2092.

2092 Fresh or Frozen Packaged Fish and Seafoods.—Establishments primarily engaged in preparing fresh and raw or cooked frozen packaged fish and other seafood, including soups. This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers.

2095 Roasted Coffee.—Establishments primarily engaged in roasting coffee and in manufacturing coffee concentrates and extracts in powdered, liquid, or frozen form, including freeze-dried.

2097 Manufactured Ice.—Establishments primarily engaged in manufacturing ice for sale. Ice plants operated by public utility companies are included in this industry when separate reports are available. When separate reports are not available, they should be classified in SIC Major Group 49. Establishments primarily engaged in manufacturing dry ice are classified in industry 2813.

2098 Macaroni, Spaghetti, Vermicelli, and Noodles.—Establishments primarily engaged in manufacturing dry macaroni, spaghetti, vermicelli, and noodles. Establishments primarily engaged in manufacturing canned macaroni, spaghetti, etc., are classified in industry 2032.

- 2099 Food Preparations, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing prepared foods and miscellaneous food specialties, not elsewhere classified, such as baking powder, yeast, and other leavening compounds; chocolate and cocoa products, except confectionery, made from purchased materials; peanut butter; packaged tea including instant; ground spices; potato, corn, and other chips; and vinegar and cider.

21 TOBACCO MANUFACTURES

This major group includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and snuff, and in stemming and redrying tobacco. The manufacture of insecticides from tobacco byproducts is included in SIC Major Group 28.

211 CIGARETTES

- 2111 Cigarettes.**—Establishments engaged in manufacturing cigarettes.

212 CIGARS

- 2121 Cigars.**—Establishments engaged in manufacturing cigars. Retail stores producing cigars are classified in trade industries.

213 TOBACCO (CHEWING AND SMOKING) AND SNUFF

- 2131 Tobacco (Chewing and Smoking) and Snuff.**—Establishments engaged in manufacturing smoking and chewing tobaccos, and snuff.

214 TOBACCO STEMMING AND REDRYING

- 2141 Tobacco Stemming and Redrying.**—Establishments primarily engaged in the stemming and redrying of tobacco. Establishments which sell leaf tobacco as merchant wholesalers, agents, or brokers, and which may be also engaged in stemming tobacco, are classified in SIC Major Group 51. Leaf tobacco warehouses which may be also engaged in stemming tobacco are classified in SIC Major Group 42.

22 TEXTILE MILL PRODUCTS

This major group includes establishments engaged in performing any of the following operations: (1) Preparation of fiber and subsequent manufacturing yarn, thread,

braids, twine, and cordage; (2) manufacturing broadwoven fabric, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treating fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, nonwoven fabrics, and miscellaneous textiles.

This classification makes no distinction between the two types of organizations which operate in the textile industry: (1) The "integrated" mill which purchases materials, produces textiles and related articles within the establishment, and sells the finished products; and (2) the "contract" or "commission" mill which processes materials owned by others. Converters or other nonmanufacturing establishments which assign materials to contract mills for processing (other than knitting) are classified in nonmanufacturing industries; establishments which assign yarns to outside contractors or commission knitters for the production of knit products are classified in group 225.

221 BROADWOVEN FABRIC MILLS, COTTON

- 2211 Broadwoven Fabric Mills, Cotton.**—Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of cotton. Establishments primarily engaged in weaving cotton carpets and rugs are classified in industry 2271; those tufting carpets and rugs in industry 2272; those making tire cord and fabric in industry 2296; and finishers of cotton broadwoven fabrics in industry 2261.

222 BROAD WOVEN FABRIC MILLS, MANMADE FIBER AND SILK

- 2221 Broadwoven Fabric Mills, Manmade Fiber and Silk.**—Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of silk and manmade fibers, including glass. Establishments primarily engaged in weaving carpets and rugs from these fibers are classified in industry 2271; those tufting carpets and rugs from these fibers in industry 2272; those making tire cord and fabric in industry 2296; and finishers of manmade fiber and silk broadwoven goods in industry 2262.

223 BROADWOVEN FABRIC MILLS, WOOL (INCLUDING DYEING AND FINISHING)

- 2231 Broadwoven Fabric Mills, Wool (Including Dyeing and Finishing).**—Establishments primarily engaged in

weaving fabrics over 12 inches in width, wholly or chiefly by weight of wool, mohair, or similar animal fibers; those dyeing and finishing all woven wool fabrics or dyeing wool, tops, or yarn; and those shrinking and sponging wool goods for the trade. Establishments primarily engaged in weaving wool carpets and rugs are classified in industry 2271, and those tufting wool carpets and rugs in industry 2272.

224 NARROW FABRICS AND OTHER SMALLWARES MILLS: COTTON, WOOL, SILK, AND MANMADE FIBER

2241 Narrow Fabrics and Other Smallwares Mills: Cotton, Wool, Silk, and Manmade Fiber.—Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of cotton, wool, silk, and manmade fibers, including glass fibers. Establishments primarily engaged in producing fabric-covered elastic yarn or thread are also included in this industry.

225 KNITTING MILLS

This group includes three types of organizations which operate in the knitting mill industry: (1) The "integrated" mill which purchases materials, produces textiles and related articles within the establishment, and sells the finished products; (2) the "contract" or "commission" mill which processes materials owned by others; and (3) establishments commonly known as jobbers or converters of knit goods which perform the entrepreneurial functions of a manufacturing company, such as buying the raw material, designing and preparing samples, and assigning yarns to others for knitting products on their account.

2251 Women's Full Length and Knee Length Hosiery.—Establishments primarily engaged in knitting, dyeing, or finishing women's and misses' full length and knee length hosiery, both seamless and full-fashioned, and panty hose.

2252 Hosiery, Except Women's Full Length and Knee Length Hosiery.—Establishments primarily engaged in knitting, dyeing, or finishing hosiery except women's and misses' full length and knee length seamless and full-fashioned hosiery and panty hose.

2253 Knit Outerwear Mills.—Establishments primarily engaged in knitting outerwear from yarn or in

manufacturing outerwear from knit fabric produced in the same establishment. Establishments primarily engaged in handknitting outerwear for the trade are included in this industry. Establishments primarily engaged in knitting gloves and mittens are classified in industry 2259, and those manufacturing outerwear from purchased knit fabric in SIC Major Group 23.

2254 Knit Underwear Mills.—Establishments primarily engaged in knitting underwear and nightwear from yarn or in manufacturing underwear and nightwear from knit fabric produced in the same establishment. Establishments primarily engaged in manufacturing underwear and nightwear from purchased knit fabric are classified in SIC Major Group 23.

2257 Circular Knit Fabric Mills.—Establishments primarily engaged in knitting circular (tubular) fabric or in dyeing or finishing circular (tubular) knit fabric. Establishments primarily engaged in knitting, dyeing, or finishing warp fabric are classified in industry 2258.

2258 Warp Knit Fabric Mills.—Establishments primarily engaged in knitting warp (flat) fabric or in dyeing or finishing warp (flat) knit fabric. Establishments primarily engaged in knitting, dyeing, or finishing circular fabric are classified in industry 2257.

2259 Knitting Mills, Not Elsewhere Classified.—Establishments primarily engaged in knitting gloves and other articles not elsewhere classified. Establishments primarily engaged in manufacturing woven or knit fabric gloves and mittens from purchased fabrics are classified in industry 2381.

226 DYEING AND FINISHING TEXTILES, EXCEPT WOOL FABRICS AND KNIT GOODS

2261 Finishers of Broadwoven Fabrics of Cotton.—Establishments primarily engaged in finishing purchased cotton broadwoven fabrics or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse), and other mechanical finishing such as preshrinking, calendering, and napping. This industry also includes the shrinking and sponging of cloth for the trade, and chemical finishing for water repellency, fire resistance, and mildew proofing. Establishments primarily engaged in finishing wool broadwoven fabrics are classified in industry 2231; knit goods in group 225; and those coating or impregnating fabrics in industry 2295.

2262 Finishers of Broadwoven Fabrics of Manmade Fiber and Silk.—Establishments primarily engaged in finishing purchased manmade fiber and silk broadwoven fabrics or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse), and other mechanical finishing such as preshrinking, calendering, and napping. Establishments primarily engaged in finishing wool broadwoven fabrics are classified in industry 2231; knit goods in group 225; and those coating or impregnating fabrics in industry 2295.

2269 Finishers of Textiles, Not Elsewhere Classified.—Establishments primarily engaged in dyeing and finishing textiles, not elsewhere classified, such as bleaching, dyeing, printing, and finishing of raw stock, yarn, braided goods, and narrow fabrics, except wool and knit fabrics. These establishments perform finishing operations on purchased textiles or on a commission basis.

227 FLOOR COVERING MILLS

2271 Woven Carpets and Rugs.—Establishments primarily engaged in weaving carpets and rugs from any textile yarn. Important products of this industry include Axminster, Wilton, velvet, and similar woven carpets and rugs; and woven automobile and aircraft floor coverings.

2272 Tufted Carpets and Rugs.—Establishments primarily engaged in tufting carpets and rugs from any textile fiber. Important products of this industry include tufted carpets, rugs, scatter rugs, and bathmats and bathmat sets except terry woven. Finishers of these products are also included in this industry.

2279 Carpets and Rugs, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing rugs, carpets, art squares, floor mattings, needle punch carpeting, and doormats and mattings from twisted paper, grasses, reeds, coir, sisal, jute, or rags. Establishments primarily engaged in manufacturing hard-surface floor coverings, except rubber and cork, are classified in industry 3996.

228 YARN AND THREAD MILLS

2281 Yarn Spinning Mills: Cotton, Manmade Fibers and Silk.—Establishments primarily engaged in spinning

yarn wholly or chiefly by weight of cotton, manmade fibers, or silk. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2269.

2282 Yarn Texturizing, Throwing, Twisting, and Winding Mills: Cotton, Manmade Fibers and Silk.—Establishments primarily engaged in texturizing, throwing, twisting, winding or spooling yarn wholly or chiefly by weight of cotton, manmade fibers, or silk. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2269.

2283 Yarn Mills, Wool, Including Carpet and Rug Yarn.—Establishments primarily engaged in spinning, twisting, winding, or spooling yarn (including carpet and rug yarn) wholly or chiefly by weight of wool, mohair, or similar animal fibers. Establishments primarily engaged in dyeing or finishing purchased wool yarn or finishing wool yarn on a commission basis are classified in industry 2231.

2284 Thread Mills.—Establishments primarily engaged in manufacturing thread from natural or manmade fiber except flax (industry 2299) and wool (industry 2283). Important products of this industry include sewing, crochet, darning, embroidery, tatting, hand-knitting, and other handicraft threads.

229 MISCELLANEOUS TEXTILE GOODS

2291 Felt Goods, Except Woven Felts and Hats.—Establishments primarily engaged in manufacturing pressed felt, regardless of fiber, by means of heat, moisture, and pressure; and those making punched felt for rugs, cushions, and other products from hair, jute, wool, or other fibers by the needle loom process. Establishments primarily engaged in manufacturing woven wool felts and wool haircloth are classified in industry 2231, those manufacturing felt hats in group 235, and those manufacturing needle punch carpeting in industry 2279.

2292 Lace Goods.—Establishments primarily engaged in manufacturing lace machine products, and those primarily engaged in dyeing and finishing lace goods. Establishments primarily engaged in manufacturing Schiffli machine embroideries are classified in industry 2397. Establishments primarily engaged in manufacturing knitted lace and netting are classified in industry 2258.

2293 Paddings and Upholstery Filling.—Establishments primarily engaged in manufacturing batting, padding, wadding, and filling for upholstery, pillows, quilts, and apparel, from curled hair, cotton-mill waste, moss, hemp tow, flax tow, kapok, and related materials. Establishments primarily engaged in manufacturing wood excelsior pads and wrappers are classified in industry 2429.

2294 Processed Waste and Recovered Fibers and Flock.—Establishments primarily engaged in processing textile mill waste for spinning, padding, batting, or other uses; in recovering textile fibers from clippings and rags; in cutting flock from waste, recovered fibers, or new fiber stock; and in manufacturing oakum and twisted jute packing. Establishments primarily engaged in cleaning and sorting wiping rags or waste are classified in industry 5093.

2295 Coated Fabrics, Not Rubberized.—Establishments primarily engaged in manufacturing coated and impregnated textiles and in the special finishing of textiles, such as varnishing and waxing. Establishments primarily engaged in rubberizing purchased fabrics are classified in industry 3069, and those primarily engaged in dyeing and finishing textiles in group 226.

2296 Tire Cord and Fabric.—Establishments primarily engaged in manufacturing cord and fabric for use in reinforcing rubber tires, industrial belting, fuel cells, and similar uses.

2297 Nonwoven Fabrics.—Establishments primarily engaged in manufacturing nonwoven fabrics (by bonding and/or interlocking of fibers) by mechanical, chemical, thermal, or solvent means or by combinations thereof. Establishments primarily engaged in producing fabrics by the wool felting process are classified in other industries in this major group.

2298 Cordage and Twine.—Establishments primarily engaged in manufacturing rope, cable, cordage, twine, and related products from abaca (Manila), sisal, henequen, hemp, cotton, paper, jute, flax, manmade fibers including glass, and other fibers.

2299 Textile Goods, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing linen goods, jute goods except felt, and other textile goods not elsewhere classified. Establishments primarily engaged in processing textile fibers to

prepare them for spinning, such as wool scouring and carbonizing and combing and converting tow to top, are also classified here. Establishments primarily engaged in manufacturing woven felts are classified in industry 2231, nonwoven felts in industry 2291, nonwoven textiles in industry 2297, and cordage and twine in industry 2298.

23

APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

This major group, known as the cutting-up and needle trades, includes establishments producing clothing and fabricating products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics, and furs.

Included in the apparel industries are three types of establishments: (1) The "regular" or inside factories, (2) contract factories, and (3) apparel jobbers. The regular factories perform all of the usual manufacturing functions within their own plant; the contract factories manufacture apparel from materials owned by others; and apparel jobbers perform the entrepreneurial functions of a manufacturing company, such as buying raw materials, designing and preparing samples, arranging for the manufacture of the garments from their materials, and selling of the finished apparel.

Custom tailors and dressmakers not operating on a factory basis are classified in industry 5699; establishments which purchase and resell finished garments but do not perform the functions of the apparel jobbers are classified in group 513.

231 MEN'S, YOUTHS', AND BOYS' SUITS, COATS, AND OVERCOATS

2311 Men's, Youths', and Boys' Suits, Coats, and Overcoats.—Establishments primarily engaged in manufacturing men's, youths', and boys' tailored suits, coats, and overcoats. Establishments primarily engaged in manufacturing uniforms (except athletic uniforms) are also included in this industry. Establishments primarily engaged in manufacturing men's work garments are classified in industry 2328.

232 MEN'S, YOUTHS', AND BOYS' FURNISHINGS, WORK CLOTHING, AND ALLIED GARMENTS

2321 Men's, Youths', and Boys' Shirts (Except Work Shirts) and Nightwear.—Establishments primarily

engaged in manufacturing men's, youths', and boys' shirts (including polo and sports shirts) and nightwear, cut and sewed from purchased woven or knit fabric. Establishments primarily engaged in manufacturing work shirts are classified in industry 2328. Knitting mills primarily engaged in manufacturing nightwear are classified in industry 2254, and outerwear in industry 2253.

2322 Men's, Youths', and Boys' Underwear.—Establishments primarily engaged in manufacturing men's, youths', and boys' underwear, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear are classified in industry 2254.

2323 Men's, Youths', and Boys' Neckwear.—Establishments primarily engaged in manufacturing men's, youths', and boys' neckties, scarfs, and mufflers, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing neckties, scarfs, and mufflers are classified in industry 2253.

2327 Men's, Youths', and Boys' Separate Trousers.—Establishments primarily engaged in manufacturing men's, youths', and boys' separate trousers and slacks. Establishments primarily engaged in manufacturing complete suits are classified in industry 2311, and work pants and jeans in industry 2328.

2328 Men's, Youths', and Boys' Work Clothing.—Establishments primarily engaged in manufacturing men's, youths', and boys' work shirts, pants, jeans, and other work clothing and washable service apparel.

2329 Men's, Youths', and Boys' Clothing, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing men's, youths', and boys' clothing not elsewhere classified. Establishments primarily engaged in manufacturing polo and sport shirts from purchased woven or knit materials are classified in industry 2321; separate trousers in industry 2327; work clothing in industry 2328; and leather and sheep lined garments in industry 2386. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

233 WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR

2331 Women's, Misses', and Juniors' Blouses, Waists, and Shirts.—Establishments primarily engaged in manu-

facturing women's, misses', and juniors' blouses, waists, and shirts. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253. Establishments primarily engaged in manufacturing girls', children's, and infants' blouses, waists, and shirts are classified in industry 2361.

2335 Women's, Misses', and Juniors' Dresses.—Establishments primarily engaged in manufacturing women's, misses', and juniors' dresses, including ensemble dresses and pants dresses, whether sold by the piece or by the dozen. Establishments primarily engaged in manufacturing girls', children's, and infants' dresses are classified in industry 2361.

2337 Women's, Misses', and Juniors' Suits, Skirts, and Coats.—Establishments primarily engaged in manufacturing women's, misses', and juniors' suits, pantsuits, skirts, and coats except furcoats and raincoats. These garments are generally tailored and usually lined. Establishments primarily engaged in manufacturing fur garments are classified in industry 2371, raincoats in industry 2385, and knitting mills primarily engaged in manufacturing knit outerwear in industry 2253.

2339 Women's, Misses', and Juniors' Outerwear, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing women's, misses', and juniors' outerwear, not elsewhere classified, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

234 WOMEN'S, MISSES', CHILDREN'S, AND INFANTS' UNDERGARMENTS

2341 Women's, Misses', Children's, and Infants' Underwear and Nightwear.—Establishments primarily engaged in manufacturing women's, misses', children's, and infants' underwear and nightwear, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear and nightwear are classified in industry 2254.

2342 Brassieres, Girdles, and Allied Garments.—Establishments primarily engaged in manufacturing brassieres, girdles, corsets, corset accessories, and allied garments. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in industry 3842.

APPENDIX B—Continued

235 HATS, CAPS, AND MILLINERY

2351 Millinery.—Establishments primarily engaged in manufacturing women's, misses', children's, and infants' millinery. Establishments primarily engaged in manufacturing millinery braid and trimmings are classified in industry 2396.

2352 Hats and Caps, Except Millinery.—Establishments primarily engaged in manufacturing hats and caps (except millinery) and all hat bodies. Knitting mills primarily engaged in manufacturing caps are classified in industry 2253.

236 GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR

2361 Girls', Children's, and Infants' Dresses, Blouses, Waists, and Shirts.—Establishments primarily engaged in manufacturing girls', children's, and infants' dresses, blouses, waists, and shirts, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

2363 Girls', Children's, and Infants' Coats and Suits.—Establishments primarily engaged in manufacturing girls', children's, and infants' coats and suits, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

2369 Girls', Children's, and Infants' Outerwear, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing girls', children's, and infants' outerwear, not elsewhere classified, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

237 FUR GOODS

2371 Fur Goods.—Establishments primarily engaged in manufacturing furcoats, and other garments, accessories, and trimmings made of fur. Establishments primarily engaged in manufacturing sheep lined clothing are classified in industry 2386, and those engaged in dyeing and dressing of furs in industry 3999.

238 MISCELLANEOUS APPAREL AND ACCESSORIES

2381 Dress and Work Gloves, Except Knit and All-Leather.—Establishments primarily engaged in manufacturing dress, semidress, and work gloves and mittens, cut and sewed from purchased woven or knit fabric, or these materials combined with leather or plastic. Knitting mills primarily engaged in manufacturing gloves and mittens are classified in industry 2259, establishments primarily engaged in manufacturing leather gloves in industry 3151, those manufacturing rubber gloves in industry 3069, and plastic gloves in industry 3079.

2384 Robes and Dressing Gowns.—Establishments primarily engaged in manufacturing men's and women's robes and dressing gowns.

2385 Raincoats and Other Waterproof Outer Garments.—Establishments primarily engaged in manufacturing raincoats from purchased rubberized fabrics and other waterproof outer garments made from such material as pliofilm and cellophane. Establishments primarily engaged in manufacturing oiled fabric work garments are classified in industry 2328, and those manufacturing vulcanized rubber garments and garments made from rubberized fabrics produced in the same establishment are classified in industry 3069.

2386 Leather and Sheep Lined Clothing.—Establishments primarily engaged in manufacturing leather and sheep lined garments. Establishments primarily engaged in manufacturing leather gloves and mittens are classified in industry 3151, and fur garments in industry 2371.

2387 Apparel Belts.—Establishments primarily engaged in manufacturing men's and women's apparel belts, regardless of material.

2389 Apparel and Accessories, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing suspenders, garters, handkerchiefs, and other apparel, not elsewhere classified, such as academic caps and gowns, vestments, and theatrical costumes.

239 MISCELLANEOUS FABRICATED TEXTILE PRODUCTS

2391 Curtains and Draperies.—Establishments primarily engaged in manufacturing curtains and draperies from

purchased materials. Establishments primarily engaged in manufacturing lace curtains on lace machines are classified in industry 2292.

- 2392 Housefurnishings, Except Curtains and Draperies.**—Establishments primarily engaged in manufacturing housefurnishings, such as blankets, bedspreads, sheets, tablecloths, and towels from purchased materials. Establishments primarily engaged in manufacturing curtains and draperies are classified in industry 2391. Establishments producing housefurnishings primarily of fabric woven at the same establishment are classified according to fiber in industries 2211, 2221, or 2231.
- 2393 Textile Bags.**—Establishments primarily engaged in manufacturing shipping and other industrial bags from purchased fabric. Establishments primarily engaged in manufacturing plastic bags are classified in industry 2643; laundry, wardrobe, shoe, and other textile housefurnishing bags in industry 2392; and luggage in industry 3161.
- 2394 Canvas and Related Products.**—Establishments primarily engaged in manufacturing awnings, tents, and related products from purchased fabric. Establishments primarily engaged in manufacturing canvas bags are classified in industry 2393.
- 2395 Pleating, Decorative and Novelty Stitching, and Tucking for the Trade.**—Establishments primarily engaged in pleating, decorative and novelty stitching, and tucking for the trade. Establishments primarily engaged in performing similar services for individuals are classified in service industries. Establishments primarily engaged in manufacturing trimmings are classified in industry 2396.
- 2396 Automotive Trimmings, Apparel Findings, and Related Products.**—Establishments primarily engaged in manufacturing automotive trimmings and apparel findings and related products.
- 2397 Schiffli Machine Embroideries.**—Establishments primarily engaged in manufacturing Schiffli machine embroideries.
- 2399 Fabricated Textile Products, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing fabricated textile products not elsewhere classified.

24**LUMBER AND WOOD PRODUCTS,
EXCEPT FURNITURE**

This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes. Certain types of establishments producing wood products are classified elsewhere. For example, furniture and office and store fixtures are classified in SIC Major Group 25; musical instruments, toys, playground equipment, and caskets in SIC Major Group 39. Woodworking in connection with construction in the nature of reconditioning and repair or performed to individual order, is classified in non-manufacturing industries.

241 LOGGING CAMPS AND LOGGING CONTRACTORS

- 2411 Logging Camps and Logging Contractors.**—Logging camps and logging contractors primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials. Independent contractors engaged in estimating or trucking timber, but who perform no cutting operations, are classified in nonmanufacturing industries. Logging and woods operations conducted in combination with sawmills, pulpmills, or other converting establishments, and not separately reported, are classified in their respective industry groups; namely, with sawmills in SIC group 242, veneer and plywood mills in SIC group 243, pulpmills in SIC Major Group 26, and charcoal and wood distillation plants in SIC group 286. Establishments primarily engaged in the collection of bark, sap, gum, and other forest byproducts are classified in SIC Major Group 08.

242 SAWMILLS AND PLANING MILLS

- 2421 Sawmills and Planing Mills, General.**—Establishments primarily engaged in sawing rough lumber and timber from logs and bolts, or resawing cants and flitches into lumber, including box lumber and softwood cut stock; planing mills combined with sawmills; and separately operated planing mills which are engaged primarily in producing surfaced

lumber and standard workings or patterns of lumber. This industry includes establishments primarily engaged in sawing lath and railroad ties and in producing tobacco hogshead stock, wood chips, and snow fence lath. Establishments primarily engaged in manufacturing box shoo or boxes are classified in SIC group 244; sash, doors, wood molding, window and door frames, and other fabricated millwork in SIC group 243; and hardwood dimension and flooring in industry 2426. Logging camps combined with sawmills, when not separately reported, are included in this industry.

2426 Hardwood Dimension and Flooring Mills.—Establishments primarily engaged in manufacturing hardwood dimension lumber and workings therefrom; other hardwood dimension, semifabricated or ready for assembly; hardwood flooring; and wood frames for household furniture. Establishments primarily engaged in manufacturing stairwork, molding, and trim are classified in industry 2431; and those manufacturing textile machinery bobbins, picker sticks, and shuttles in industry 3552.

2429 Special Product Sawmills, Not Elsewhere Classified.—Mills primarily engaged in manufacturing excelsior, wood shingles, and cooperage stock; and in sawing special products not elsewhere classified.

243 MILLWORK, VENEER, PLYWOOD, AND STRUCTURAL WOOD MEMBERS

2431 Millwork.—Establishments primarily engaged in manufacturing fabricated millwork. Planing mills primarily engaged in producing millwork are included in this industry, but planing mills primarily producing standard workings or patterns of lumber are classified in industry 2421. Establishments primarily manufacturing wood kitchen cabinets and bathroom vanities are classified in industry 2434.

2434 Wood Kitchen Cabinets.—Establishments primarily engaged in manufacturing wood kitchen cabinets and wood bathroom vanities.

2435 Hardwood Veneer and Plywood.—Establishments primarily engaged in producing commercial hardwood veneer, either face or technical, and those primarily engaged in manufacturing commercial plywood or prefinished hardwood plywood. This includes nonwood backed or faced veneer and nonwood faced plywood from veneer produced in the same estab-

lishment or from purchased veneer. Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products such as fruit and vegetable baskets and wood boxes are classified in industries 2441 and 2449.

2436 Softwood Veneer and Plywood.—Establishments primarily engaged in producing commercial softwood veneer and plywood from veneer produced in the same establishment or from purchased veneer. Establishments primarily engaged in producing commercial hardwood veneer and plywood are classified in industry 2435. Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products such as fruit and vegetable baskets and wood boxes are classified in industries 2441 and 2449.

2439 Structural Wood Members, Not Elsewhere Classified.—Establishments primarily engaged in producing laminated or fabricated trusses, arches, and other structural members of lumber. Establishments primarily engaged in fabrication on the site of construction are classified in Division C, Construction. Establishments primarily engaged in producing prefabricated wooden buildings, sections, and panels are classified in industry 2452.

244 WOOD CONTAINERS

2441 Nailed and Lock Corner Wood Boxes and Shook.—Establishments primarily engaged in manufacturing nailed and lock corner wood boxes (lumber or plywood) and those which also may produce shook for nailed and lock corner boxes.

2448 Wood Pallets and Skids.—Establishments primarily engaged in manufacturing wood and wood-metal combination pallets and skids.

2449 Wood Containers, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing wood containers, not elsewhere classified, such as cooperage, wirebound boxes and crates, and other veneer and plywood containers. Establishments primarily engaged in manufacturing tobacco hogshead stock are classified in industry 2421, and those manufacturing cooperage stock in industry 2429.

245 WOOD BUILDINGS AND MOBILE HOMES

2451 Mobile Homes.—Establishments primarily engaged in manufacturing mobile homes. These mobile homes are generally over 35 feet long, at least 8 feet wide, do not have facilities for storage of water or waste, and are equipped with wheels. These products may also have nonresidential uses such as classrooms or offices. Trailers that are generally 35 feet long or less, 8 feet wide or less, and with self-contained facilities are classified in industry 3792. Portable buildings not equipped with wheels are classified in industry 2452.

2452 Prefabricated Wood Buildings and Components.—Establishments primarily engaged in manufacturing prefabricated wood buildings, sections, and panels. Establishments primarily engaged in fabricating buildings on the site of construction are classified in Division C, Construction.

249 MISCELLANEOUS WOOD PRODUCTS

2491 Wood Preserving.—Establishments primarily engaged in treating wood, sawed or planed in other establishments, with creosote or other preservatives to prevent decay and to protect against fire and insects. This industry also includes the cutting, treating, and selling of poles, posts, and piling, but establishments primarily engaged in manufacturing other wood products, which they may also treat with preservatives, are not included.

2492 Particleboard.—Establishments primarily engaged in manufacturing wood panel products from small wood particles. This includes preparation of small particles of wood, drying, mixing with a synthetic resin binder, and compressing. Pressing may take place in hydraulic presses with heated platens or by extrusion.

2499 Wood Products, Not Elsewhere Classified.—Establishments primarily engaged in turning and shaping wood and manufacturing miscellaneous wood products, not elsewhere classified, from rattan, reed, splint, straw, veneer, veneer strips, wicker, and willow. This industry also includes establishments manufacturing lasts and related products, cork products, hardboard, and wood or metal mirror and picture frames. Establishments primarily engaged in manufacturing particleboard are classified in industry 2492, and those manufacturing pallets and skids in industry 2448.

25 FURNITURE AND FIXTURES

This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of millwork are classified in industry 2431; wood kitchen cabinets in industry 2434; cut stone and concrete furniture in SIC Major Group 32; laboratory and hospital furniture in SIC Major Group 38; beauty and barber shop furniture in SIC Major Group 39; and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

251 HOUSEHOLD FURNITURE

2511 Wood Household Furniture, Except Upholstered.—Establishments primarily engaged in manufacturing wood household furniture commonly used in dwellings. This industry also includes establishments manufacturing camp furniture. Establishments primarily engaged in manufacturing upholstered furniture are classified in industry 2512; reed and rattan furniture in industry 2519; television, radio, phonograph, and sewing machine cabinets in industry 2517; and kitchen cabinets and bathroom vanities in industry 2434.

2512 Wood Household Furniture, Upholstered.—Establishments primarily engaged in manufacturing upholstered furniture on wood frames. Shops primarily engaged in reupholstering furniture, or upholstering frames to individual order, are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing dual-purpose sleep furniture, such as studio couches, sofa beds, and chair beds, are classified in industry 2515, regardless of the material used in the frame. Establishments primarily engaged in manufacturing wood frames for upholstered furniture are classified in industry 2426.

2514 Metal Household Furniture.—Establishments primarily engaged in manufacturing padded or plain metal household furniture of a type commonly used in dwellings. Establishments primarily engaged in manufacturing dual-purpose sleep furniture, such as studio couches, sofa beds, and chair beds, are classified in industry 2515, regardless of the material used in the frame.

2515 Mattresses and Bedsprings.—Establishments primarily engaged in manufacturing innerspring mattresses, box spring mattresses, and noninnerspring mattresses containing felt, form rubber, urethane, hair, or any other filling material; and assembled wire springs (fabric, coil, or box) for use on beds, couches, and cots. This industry also includes establishments primarily engaged in manufacturing dual-purpose sleep furniture, such as studio couches, sofa beds, and chair beds, regardless of the material used in the frame. Establishments primarily engaged in manufacturing automobile seats and backs are classified in industry 2531; individual wire springs in industry 3495; and paddings and upholstery filling in industry 2293.

2517 Wood Television, Radio, Phonograph, and Sewing Machine Cabinets.—Establishments primarily engaged in manufacturing wood cabinets for radios, television sets, phonographs, and sewing machines.

2519 Household Furniture, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing reed, rattan, and other wicker furniture, plastics and fiberglass household furniture and cabinets, and household furniture not elsewhere classified.

252 OFFICE FURNITURE

2521 Wood Office Furniture.—Establishments primarily engaged in manufacturing wood office furniture, whether padded, upholstered, or plain.

2522 Metal Office Furniture.—Establishments primarily engaged in manufacturing metal office furniture, whether padded or plain. Establishments primarily engaged in manufacturing safes and vaults are classified in industry 3499.

253 PUBLIC BUILDING AND RELATED FURNITURE

2531 Public Building and Related Furniture.—Establishments primarily engaged in manufacturing furniture for schools, theaters, assembly halls, churches, and libraries. Establishments primarily engaged in manufacturing seats for public conveyances, as well as seats for automobiles and aircraft, are included in this industry. Establishments primarily engaged in manufacturing stone furniture are classified in industry 3281, and concrete furniture in industry 3272.

254 PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES

2541 Wood Partitions, Shelving, Lockers, and Office and Store Fixtures.—Establishments primarily engaged in manufacturing wood shelving, lockers, office and store fixtures, prefabricated partitions, plastic laminated fixture tops, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, show cases, and display cases are classified in industry 3585, and safes and vaults in industry 3499.

2542 Metal Partitions, Shelving, Lockers, and Office and Store Fixtures.—Establishments primarily engaged in manufacturing metal shelving, storage racks, lockers, office and store fixtures, prefabricated partitions, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, show cases, and display cases are classified in industry 3585, and safes and vaults in industry 3499.

259 MISCELLANEOUS FURNITURE AND FIXTURES

2591 Drapery Hardware and Window Blinds and Shades.—Establishments primarily engaged in manufacturing curtain and drapery rods, poles, and fixtures; and venetian blinds and other window blinds and shades, regardless of the materials used, except canvas shades and awnings (industry 2394).

2599 Furniture and Fixtures, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing furniture and fixtures, not elsewhere classified, including furniture specially designed for use in restaurants, bars, cafeterias, bowling establishments, and ships.

26 PAPER AND ALLIED PRODUCTS

This major group includes the manufacture of pulps from wood and other cellulose fibers, and from rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in industry 3291, carbon paper in industry 3955, and photosensitized and blueprint paper in industry 3861.

APPENDIX B—Continued

261 PULPMILLS

- 2611 Pulp mills.**—Establishments primarily engaged in manufacturing pulp from wood or from other materials such as rags, linters, wastepaper, and straw. Logging camps operated by pulpmills, and not separately reported, are also included in this industry. Establishments primarily engaged in cutting pulpwood are classified in industry 2411; and pulpmills combined with papermills or paperboard mills, and not separately reported, are classified with the latter in industries 2621 and 2631, respectively.

262 PAPERMILLS, EXCEPT BUILDING PAPERMILLS

- 2621 Papermills, Except Building Papermills.**—Establishments primarily engaged in manufacturing paper (except building paper—industry 2661) from woodpulp and other fibers, and which may also manufacture converted paper products. Pulp mills combined with papermills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted paper products from purchased paper stock are classified in SIC groups 264 or 265.

263 PAPERBOARD MILLS

- 2631 Paperboard Mills.**—Establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from woodpulp and other fibers; and which may also manufacture converted paperboard products. Pulp mills combined with paperboard mills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted paperboard products from purchased paperboard are classified in SIC groups 264 or 265, and building board in industry 2661.

264 CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES

- 2641 Paper Coating and Glazing.**—Establishments primarily engaged in manufacturing coated, glazed, or varnished paper from purchased paper. Also included are establishments primarily manufacturing pressure

sensitive tape with backing of any material other than rubber. Establishments primarily engaged in manufacturing carbon paper are classified in industry 3955, and photographic and blueprint paper in industry 3861.

- 2642 Envelopes.**—Establishments primarily engaged in manufacturing envelopes of any description from purchased paper and paperboard. Establishments primarily engaged in manufacturing papeteries (boxed stationery) are classified in industry 2648.

- 2643 Bags, Except Textile Bags.**—Establishments primarily engaged in manufacturing bags from purchased paper, cellophane, acetate, polyethylene, polypropylene, pliofilm, foil, and similar sheet or film materials.

- 2645 Die-Cut Paper and Paperboard and Cardboard.**—Establishments primarily engaged in diecutting purchased paper and paperboard; and in manufacturing cardboard by laminating, lining, or surface coating paperboard. Establishments primarily engaged in laminating building paper or building board from purchased paper or board are classified in industry 2649.

- 2646 Pressed and Molded Pulp Goods.**—Establishments primarily engaged in manufacturing all kinds of pressed and molded pulp goods, including papier-mache articles other than statuary and art goods (industry 3299). Establishments primarily engaged in manufacturing plates and utensils from paper are classified in industry 2654.

- 2647 Sanitary Paper Products.**—Establishments primarily engaged in manufacturing, from purchased paper, sanitary paper products, such as facial tissues and handkerchiefs, table napkins, toilet paper, towels, disposable diapers, and sanitary napkins and tampons.

- 2648 Stationery, Tablets, and Related Products.**—Establishments primarily engaged in manufacturing stationery, tablets, looseleaf fillers, and related items from purchased paper. Establishments primarily engaged in manufacturing envelopes are classified in industry 2642.

- 2649 Converted Paper and Paperboard Products, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing from purchased paper or paperboard miscellaneous converted paper or paperboard

APPENDIX B—Continued

products not elsewhere classified. Establishments primarily engaged in manufacturing sanitary paper products from purchased paper are classified in industry 2647. The paper stock used for wallpaper, called "hanging paper," is classified in industry 2621. Establishments primarily engaged in manufacturing stationery, tablets, and related products are classified in industry 2648.

265 PAPERBOARD CONTAINERS AND BOXES

- 2651 Folding Paperboard Boxes.**—Establishments primarily engaged in manufacturing folding paperboard boxes from purchased paperboard.
- 2652 Set-up Paperboard Boxes.**—Establishments primarily engaged in manufacturing set-up paperboard boxes from purchased paperboard.
- 2653 Corrugated and Solid Fiber Boxes.**—Establishments primarily engaged in manufacturing corrugated and solid fiber boxes and related products from purchased paperboard or fiber stock. Important products of this industry include corrugated and solid fiberboard boxes, pads, partitions, display items, pallets, single-face products, and corrugated sheets.
- 2654 Sanitary Food Containers.**—Establishments primarily engaged in manufacturing food containers from special food board. Important products of this industry include fluid milk containers; folding paraffined cartons for butter, margarine, and shortening; ice cream containers; frozen food containers; liquid tight containers; round nested food containers; paper cups for hot or cold drinks; pails for food and ice cream; and stamped plates, dishes, spoons, and similar products. Establishments primarily engaged in manufacturing similar items of plastics materials are classified in industry 3079.
- 2655 Fiber Cans, Tubes, Drums, and Similar Products.**—Establishments primarily engaged in manufacturing from purchased materials fiber cans, cones, drums, similar products with or without metal ends, and vulcanized fiber boxes.

266 BUILDING PAPER AND BUILDING BOARD MILLS

- 2661 Building Paper and Building Board Mills.**—Establishments primarily engaged in manufacturing building

paper and building board from woodpulp and other fibrous materials. Pulp mills combined with building paper and building board mills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611.

27

PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. News syndicates are classified in service industries, (industry 7351) and textile printing and finishing in SIC Major Group 22.

271 NEWSPAPERS: PUBLISHING, PUBLISHING AND PRINTING

- 2711 Newspapers: Publishing, Publishing and Printing.**—Establishments primarily engaged in publishing newspapers or in publishing and printing newspapers. These establishments carry on the various operations necessary for issuing newspapers, including the gathering of news and the preparation of editorials and advertisements, but may or may not perform their own printing. Commercial printing is frequently carried on by establishments engaged in publishing and printing newspapers, but, even though the commercial printing may be of major importance, such establishments are included in this industry. Establishments not engaged in publishing newspapers, but which print or lithograph newspapers for publishers, are classified in SIC group 275. News syndicates are classified in service industries (industry 7351).

272 PERIODICALS: PUBLISHING, PUBLISHING AND PRINTING

- 2721 Periodicals: Publishing, Publishing and Printing.**—Establishments primarily engaged in publishing periodicals or in preparing, publishing, and printing

periodicals. These establishments carry on the various operations necessary for issuing periodicals, but may or may not perform their own printing. Establishments not engaged in publishing periodicals, but which print or lithograph periodicals for publishers, are classified in SIC group 275.

273 BOOKS

2731 Books: Publishing, Publishing and Printing.—Establishments primarily engaged in publishing only, or in publishing and printing books and pamphlets. Establishments primarily engaged in printing or in printing and binding (but not publishing) books and pamphlets are classified in industry 2732.

2732 Book Printing.—Establishments primarily engaged in printing only or in printing and binding books and pamphlets, but not engaged in publishing. Establishments primarily engaged in publishing, or in publishing and printing books and pamphlets, are classified in industry 2731. Establishments engaged in both printing and binding books, but primarily binding books printed elsewhere, are classified in industry 2789.

274 MISCELLANEOUS PUBLISHING

2741 Miscellaneous Publishing.—Establishments primarily engaged in miscellaneous publishing activities, not elsewhere classified, whether or not engaged in printing. Establishments primarily engaged in offering financial, credit, or other business services, and which may publish directories as part of this service, are not included in this industry but are classified in service industries.

275 COMMERCIAL PRINTING

2751 Commercial Printing, Letterpress and Screen.—Establishments primarily engaged in letterpress and screen commercial or job printing, including flexographic. This industry includes general printing shops, as well as shops specializing in printing newspapers and periodicals for others, and those which specialize in screen printing. Establishments primarily engaged in printing books, without publishing, are classified in industry 2732, and greeting cards in industry 2771. Establishments primarily engaged in printing from lithographic plates are classified in industry 2752, and gravure and rotogravure printing in industry 2754.

2752 Commercial Printing, Lithographic.—Establishments primarily engaged in printing by the lithographic process. The greater part of the work in this industry is performed on a job or custom basis; but, in some cases, lithographed calendars, maps, posters, decalcomanias, etc., are made for sale. Offset printing, photo-offset printing, and photolithography are also included in this industry. Establishments primarily engaged in lithographing books and pamphlets, without publishing, are classified in industry 2732, and greeting cards in industry 2771. Establishments primarily engaged in preparing lithographic plates and in related services are classified in industry 2795.

2753 Engraving and Plate Printing.—Establishments primarily engaged in engraving and etching steel, copper, wood, or rubber plates; in using these plates to print stationery, visiting and other cards, invitations, maps, etc.; and in making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is classified in industry 3479.

2754 Commercial Printing, Gravure.—Establishments primarily engaged in gravure printing.

276 MANIFOLD BUSINESS FORMS

2761 Manifold Business Forms.—Establishments primarily engaged in designing and printing, by any process, special forms for use in the operation of a business, in single and multiple sets, including carbonized or interleaved with carbon or otherwise processed for multiple reproduction.

277 GREETING CARD PUBLISHING

2771 Greeting Card Publishing.—Establishments primarily engaged in the designing, publishing, and printing by any process of greeting cards for all occasions.

278 BLANKBOOKS, LOOSELEAF BINDERS, AND BOOKBINDING AND RELATED WORK

2782 Blankbooks, Looseleaf Binders, and Devices.—Establishments primarily engaged in manufacturing blankbooks, looseleaf devices, and library binders; and in ruling paper.

2789 Bookbinding and Related Work.—Establishments primarily engaged in edition, trade, job, and library bookbinding; in book or paper bronzing, gilding, and edging; in map and sample mounting; and other services related to bookbinding. Establishments primarily binding books printed elsewhere are classified in this industry, but those primarily binding books printed in the same establishment are classified in SIC group 273.

279 SERVICE INDUSTRIES FOR THE PRINTING TRADE

2791 Typesetting.—Establishments primarily engaged in typesetting for the trade, including advertisement typesetting.

2793 Photoengraving.—Establishments primarily engaged in preparing photoengraved plates (halftones and line-cuts). These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

2794 Electrotyping and Stereotyping.—Establishments primarily engaged in preparing electrotypes and stereotype plates. These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

2795 Lithographic Platemaking and Related Services.—Establishments primarily engaged in making lithographic plates and positives or negatives from which lithographic plates are made, and in related services. Establishments primarily engaged in printing by the lithographic process are classified in industry 2752.

28 CHEMICALS AND ALLIED PRODUCTS

This major group includes establishments producing basic chemical and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) Basic chemicals such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; (3) finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries, such as paints, fertilizers, and explosives. The mining of natural rock salt is classified in mining

industries. Establishments primarily engaged in manufacturing nonferrous metals and high-percentage ferroalloys are classified in SIC Major Group 33; silicon carbide in SIC Major Group 32; baking powder, other leavening compounds, and starches in SIC Major Group 20; and artists' colors in SIC Major Group 39. Establishments primarily engaged in packaging, repackaging, and bottling of purchased chemical products, but not engaged in manufacturing chemicals and allied products, are classified in trade industries.

281 INDUSTRIAL INORGANIC CHEMICALS

This group includes establishments primarily engaged in manufacturing basic industrial inorganic chemicals. Establishments primarily engaged in manufacturing formulated agricultural pesticides are classified in industry 2879; medicinal chemicals, drugs, and medicines in industry 2833; and soap and cosmetics in SIC group 284.

2812 Alkalies and Chlorine.—Establishments primarily engaged in manufacturing alkalies and chlorine.

2813 Industrial Gases.—Establishments primarily engaged in manufacturing gases for sale in compressed, liquid, and solid forms. Establishments primarily engaged in manufacturing fluorine and sulfur dioxide are classified in industry 2819; household ammonia in industry 2842, and other ammonia in industry 2873; and chlorine in industry 2812. Distributors of industrial gases and establishments primarily engaged in shipping liquid oxygen are classified in trade.

2816 Inorganic Pigments.—Establishments primarily engaged in manufacturing inorganic pigments. Important products of this industry include black pigments (except carbon black, industry 2895), white pigments, and color pigments. Organic color pigments, except animal black and bone black, are classified in industry 2865.

2819 Industrial Inorganic Chemicals, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial inorganic chemicals not elsewhere classified. Important products of this industry include inorganic salts of sodium (excluding refined sodium chloride), potassium, aluminum, calcium, chromium, magnesium, mercury, nickel, silver, tin; inorganic compounds such as alums, calcium carbide, hydrogen peroxide, sodium silicate,

ammonia compounds (except fertilizers), rare earth metal salts and elemental bromine, fluorine, iodine, phosphorus, and alkali metals (sodium, potassium, lithium, etc.). Establishments primarily engaged in mining, milling, or otherwise preparing natural potassium, sodium, or boron compounds (other than common salt) are classified in industry 1474. Establishments primarily engaged in manufacturing household bleaches are classified in industry 2842; phosphoric acid in industry 2874; and nitric acid, anhydrous ammonia, and other nitrogenous fertilizer materials in industry 2873.

282 PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC AND OTHER MANMADE FIBERS, EXCEPT GLASS

This group includes chemical establishments primarily engaged in manufacturing plastics materials and synthetic resins, synthetic rubbers, and cellulosic and manmade organic fibers. Establishments primarily engaged in the manufacture of rubber products and those primarily engaged in the compounding of purchased resins or the fabrication of plastics sheets, rods, and miscellaneous plastics products are classified in SIC Major Group 30; and textile mills primarily engaged in throwing, spinning, weaving, or knitting textile products from manufactured fibers are classified in SIC Major Group 22.

2821 Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers.—Establishments primarily engaged in manufacturing synthetic resins, plastics materials, and nonvulcanizable elastomers. Important products of this industry include: Cellulose plastic materials; phenolic and other tar acid resins; urea and melamine resins; vinyl resins; styrene resins; alkyd resins; acrylic resins; polyethylene resins; polypropylene resins; rosin modified resins; coumarone-indene and petroleum polymer resins; and miscellaneous resins including polyamide resins, silicones, polyisobutylenes, polyesters, polycarbonate resins, acetal resins, fluorohydrocarbon resins; and casein plastics. Establishments primarily engaged in manufacturing fabricated plastics products or plastics film, sheet, rod, nontextile monofilaments and regenerated cellulose products, and vulcanized fiber are classified in industry 3079, whether from purchased resins or from resins produced in the same plant. Establishments primarily engaged in compounding purchased resins are also classified in industry 3079. Establishments primarily manufacturing adhesives are classified in industry 2891.

2822 Synthetic Rubber (Vulcanizable Elastomers).—Establishments primarily engaged in manufacturing synthetic rubber by polymerization or copolymerization. An elastomer for the purpose of this classification is a rubber-like material capable of vulcanization, such as copolymers of butadiene and styrene, or butadiene and acrylonitrile, polybutadienes, chloroprene rubbers, and isobutylene-isoprene copolymers. Butadiene copolymers containing less than 50% butadiene are classified in industry 2821. Natural chlorinated rubbers and cyclized rubbers are considered as semifinished products and are classified in industry 3069.

2823 Cellulosic Manmade Fibers.—Establishments primarily engaged in manufacturing cellulosic fibers (including cellulose acetate and regenerated cellulose such as rayon by the viscose or cuprammonium process) in the form of monofilament, yarn, staple, or tow suitable for further manufacturing on spindles, looms, knitting machines, or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in industry 3229.

2824 Synthetic Organic Fibers, Except Cellulosic.—Establishments primarily engaged in manufacturing synthetic organic fibers, except cellulosic (including those of regenerated proteins, and of polymers or copolymers of such components as vinyl chloride, vinylidene chloride, linear esters, vinyl alcohols, acrylonitrile, ethylenes, amides, and related polymeric materials) in the form of monofilament, yarn, staple, or tow suitable for further manufacturing on spindles, looms, knitting machines, or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in industry 3229.

283 DRUGS

This group includes establishments primarily engaged in manufacturing, fabricating, or processing medicinal chemicals and pharmaceutical products. Also included in this group are establishments primarily engaged in the grading, grinding, and milling of botanicals.

2831 Biological Products.—Establishments primarily engaged in the production of bacterial and virus vaccine, toxoids and analogous products (such as allergenic extracts), serums, plasmas, and other blood derivatives for human or veterinary use.

2833 Medicinal Chemicals and Botanical Products.—Establishments primarily engaged in (1) manufacturing bulk organic and inorganic medicinal chemicals and their derivatives; and (2) processing (grading, grinding, and milling) bulk botanical drugs and herbs. Establishments primarily engaged in manufacturing agar-agar and similar products of natural origin, endocrine products, manufacturing or isolating basic vitamins, and isolating active medicinal principals such as alkaloids from botanical drugs and herbs are also included in this industry.

2834 Pharmaceutical Preparations.—Establishments primarily engaged in manufacturing, fabricating, or processing drugs in pharmaceutical preparations for human or veterinary use. The greater part of the products of these establishments are finished in the form intended for final consumption, such as ampoules, tablets, capsules, vials, ointments, medicinal powders, solutions, and suspensions. Products of this industry consist of two important lines, namely: (1) Pharmaceutical preparations promoted primarily to the dental, medical, or veterinary professions; and (2) pharmaceutical preparations promoted primarily to the public.

284 SOAP, DETERGENTS, AND CLEANING PREPARATIONS, PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS

This group includes establishments primarily engaged in manufacturing soap and other detergents and in producing glycerin from vegetable and animal fats and oils; specialty cleaning, polishing, and sanitation preparations; and surface active preparations used as emulsifiers, wetting agents, and finishing agents, including sulfonated oils; and perfumes, cosmetics, and other toilet preparations.

2841 Soap and Other Detergents, Except Specialty Cleaners.—Establishments primarily engaged in manufacturing soap, synthetic organic detergents, inorganic alkaline detergents, or any combination thereof, and establishments producing crude and refined glycerin from vegetable and animal fats and oils. Establishments primarily engaged in manufacturing shampoos or shaving products, whether from soap or synthetic detergents, are classified in industry 2844; and synthetic glycerin in industry 2869.

2842 Specialty Cleaning, Polishing, and Sanitation Preparations.—Establishments primarily engaged in manu-

facturing furniture, metal, and other polishes; waxes and dressings for fabricated leather and other materials; household, institutional and industrial plant disinfectants, deodorants; dry cleaning preparations; household bleaches; and other sanitation preparations. Establishments primarily manufacturing household pesticidal preparations are classified in industry 2879.

2843 Surface Active Agents, Finishing Agents, Sulfonated Oils and Assistants.—Establishments primarily engaged in producing surface active preparations for use as wetting agents, emulsifiers, and penetrants. Establishments engaged in producing sulfonated oils and fats and related products are also included.

2844 Perfumes, Cosmetics, and Other Toilet Preparations.—Establishments primarily engaged in manufacturing perfumes (natural and synthetic), cosmetics, and other toilet preparations. This industry also includes establishments primarily engaged in blending and compounding perfume bases; and those manufacturing shampoos and shaving products, whether from soap or synthetic detergents. Establishments primarily engaged in manufacturing synthetic perfume and flavoring materials are classified in industry 2869, and essential oils in industry 2899.

285 PAINTS, VARNISHES, LACQUERS, ENAMELS, AND ALLIED PRODUCTS

2851 Paints, Varnishes, Lacquers, Enamels, and Allied Products.—Establishments primarily engaged in manufacturing paints (in paste and ready-mixed form); varnishes; lacquers; enamels and shellac; putties, wood fillers and sealers; paint and varnish removers; and paint brush cleaners and allied paint products. Establishments primarily engaged in manufacturing carbon black are classified in industry 2895; boneblack, lampblack, and inorganic color pigments in industry 2816; organic color pigments in industry 2865; plastics materials in industry 2821; printing ink in industry 2893; calking compounds and sealants in industry 2891; and artists' paints in industry 3952.

286 INDUSTRIAL ORGANIC CHEMICALS

Establishments primarily engaged in manufacturing industrial organic chemicals. Important products of this group include: (1) Noncyclic organic chemicals such as

acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde, and methylamine; (2) solvents such as amyl, butyl, and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethyl ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide, and chlorinated solvents such as carbon tetrachloride, perchloroethylene and trichloroethylene; (3) polyhydric alcohols such as ethylene glycol, sorbitol, pentaerythritol, synthetic glycerin; (4) synthetic perfume and flavoring materials such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpineol, and synthetic vanillin; (5) rubber processing chemicals such as accelerators and antioxidants, both cyclic and acyclic; (6) plasticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid; (7) synthetic tanning agents such as naphthalene sulfonic acid condensates, (8) chemical warfare gases; (9) esters, amines, etc., of polyhydric alcohols and fatty and other acids; (10) cyclic crudes and intermediates; (11) cyclic dyes and organic pigments; and (12) natural gum and wood chemicals. Establishments primarily engaged in manufacturing plastics materials and nonvulcanizable elastomers are classified in industry 2821; synthetic rubber in industry 2822; essential oils in industry 2899; rayon and other synthetic fibers in industries 2823 and 2824; specialty cleaning, polishing and sanitation preparations in industry 2842; paints in industry 2851; and inorganic pigments in industry 2816. Distilleries engaged in the manufacture of grain alcohol for beverage purposes are classified in industry 2085.

2861 Gum and Wood Chemicals.—Establishments primarily engaged in manufacturing hardwood and softwood distillation products, wood and gum naval stores, charcoal, natural dyestuffs, and natural tanning materials. Establishments primarily engaged in manufacturing synthetic tanning materials and synthetic organic chemicals are classified in industry 2869, and synthetic organic dyes in industry 2865.

2865 Cyclic (Coal Tar) Crudes, and Cyclic Intermediates, Dyes, and Organic Pigments (Lakes and Toners).—Establishments primarily engaged in manufacturing coal tar crudes and cyclic organic intermediates, dyes, color lakes, and toners. Important products of this industry include: (1) Derivatives of benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products; (2) syn-

thetic organic dyes; (3) synthetic organic pigments; and (4) cyclic (coal tar) crudes, such as light oils and light oil products; coal tar acids; and products of medium and heavy oil such as creosote oil, naphthalene, anthracene, and their higher homologues, and tar. Establishments primarily engaged in manufacturing coal tar crudes in chemical recovery ovens are classified in industry 3312, and petroleum refineries which produce such products in industry 2911.

2869 Industrial Organic Chemicals, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial organic chemicals not elsewhere classified. Important products of this industry include: (1) Noncyclic organic chemicals such as acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde and methylamine; (2) solvents such as amyl, butyl, and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethyl ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide and chlorinated solvents such as carbon tetrachloride, perchloroethylene and trichloroethylene; (3) polyhydric alcohols such as ethylene glycol, sorbitol, pentaerythritol, synthetic glycerin; (4) synthetic perfume and flavoring materials such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpineol, and synthetic vanillin; (5) rubber processing chemicals such as accelerators and antioxidants, both cyclic and acyclic; (6) plasticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid; (7) synthetic tanning agents such as naphthalene sulfonic acid condensates; (8) chemical warfare gases; and (9) esters, amines, etc., of polyhydric alcohols and fatty and other acids. Establishments primarily engaged in manufacturing plastics materials and nonvulcanizable elastomers are classified in industry 2821; synthetic rubber in industry 2822; essential oils in industry 2899; wood distillation products, naval stores, and natural dyeing and tanning materials in industry 2861; rayon and other synthetic fibers in industries 2823 and 2824; specialty cleaning, polishing, and sanitation preparations in industry 2842; paints in industry 2851; urea in industry 2873; organic pigments in industry 2865; and inorganic pigments in industry 2816. Distilleries engaged in the manufacture of grain alcohol for beverage purposes are classified in industry 2085.

287 AGRICULTURAL CHEMICALS

This group includes establishments primarily engaged in manufacturing nitrogenous and phosphatic basic fertilizers, mixed fertilizers, pesticides, and other agricultural chemicals. Establishments primarily engaged in manufacturing basic chemicals which require further processing or formulation before use as agricultural pest-control agents are classified in SIC group 281 or 286.

2873 Nitrogenous Fertilizers.—Establishments primarily engaged in manufacturing nitrogenous fertilizer material or mixed fertilizers from nitrogenous materials produced in the same establishment. Included are ammonia fertilizer compounds and anhydrous ammonia, nitric acid, ammonium nitrate, ammonium sulfate and nitrogen solutions, urea, and natural organic fertilizers (except compost) and mixtures.

2874 Phosphatic Fertilizers.—Establishments primarily engaged in manufacturing phosphatic fertilizer materials or mixed fertilizers from phosphatic materials produced in the same establishment. Included are phosphoric acid; normal, enriched, and concentrated superphosphates; ammonium phosphates; nitrophosphates; and calcium metaphosphates.

2875 Fertilizers, Mixing Only.—Establishments primarily engaged in mixing fertilizers from purchased fertilizer materials.

2879 Pesticides and Agricultural Chemicals, Not Elsewhere Classified.—Establishments primarily engaged in the formulation and preparation of ready-to-use agricultural and household pest-control chemicals, including insecticides, fungicides, and herbicides from technical chemicals or concentrates; and the production of concentrates which require further processing before use as agricultural pesticides. This industry also includes establishments primarily engaged in manufacturing or formulating agricultural chemicals, not elsewhere classified, such as minor or trace elements and soil conditioners. Establishments primarily engaged in manufacturing basic or technical agricultural pest-control chemicals including insecticides, fungicides, and herbicides such as lead and calcium arsenates, and copper sulfate are classified in SIC group 281, and DDT, BHC, 2,4-D carbamates, etc., in SIC group 286. Establishments primarily engaged in manufacturing agricultural lime products are classified in SIC Major Group 32.

289 MISCELLANEOUS CHEMICAL PRODUCTS

2891 Adhesives and Sealants.—Establishments primarily engaged in manufacturing industrial and household adhesives, glues, calking compounds, sealants, and linoleum, tile, and rubber cements from vegetable, animal, or synthetic plastics materials, purchased or produced in the same establishment. Establishments primarily engaged in manufacturing gelatin and sizes are classified in industry 2899, and vegetable gelatin or agar-agar in industry 2833.

2892 Explosives.—Establishments primarily engaged in manufacturing explosives. Establishments primarily engaged in manufacturing ammunition for small arms are classified in industry 3482, and fireworks in industry 2899.

2893 Printing Ink.—Establishments primarily engaged in manufacturing printing ink, gravure ink, screen process ink, and lithographic ink.

2895 Carbon Black.—Establishments primarily engaged in manufacturing carbon black (channel and furnace black).

2899 Chemicals and Chemical Preparations, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing miscellaneous chemical preparations, not elsewhere classified, such as fatty acids, essential oils, gelatin (except vegetable), sizes, bluing, laundry sours, writing and stamp pad inks; industrial compounds, such as boiler and heat insulating compounds, metal, oil and water treating compounds, and waterproofing compounds and chemical supplies for foundries. Establishments primarily engaged in manufacturing vegetable gelatin (agar-agar) are classified in industry 2833; and dessert preparations based on gelatin in industry 2099.

29**PETROLEUM REFINING AND RELATED INDUSTRIES**

This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials. Establishments manufacturing and distributing gas to consumers are classified in public utilities industries, and those primarily engaged in producing coke and byproducts in SIC Major Group 33.

291 PETROLEUM REFINING

2911 Petroleum Refining.—Establishments primarily engaged in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants, and other products from crude petroleum and its fractionation products, through straight distillation of crude oil, redistillation of unfinished petroleum derivatives, cracking, or other processes. Establishments primarily engaged in producing natural gasoline from natural gas are classified in mining industries. Those manufacturing lubricating oils and greases by blending and compounding purchased materials are included in industry 2992. Establishments primarily re-refining used lubricating oils are classified in industry 2992.

295 PAVING AND ROOFING MATERIALS

2951 Paving Mixtures and Blocks.—Establishments primarily engaged in manufacturing asphalt and tar paving mixtures; and paving blocks made of asphalt, creosoted wood, and various compositions of asphalt or tar with other materials. Establishments primarily engaged in manufacturing brick, concrete, granite, and stone paving blocks are classified in SIC Major Group 32.

2952 Asphalt Felts and Coatings.—Establishments primarily engaged in manufacturing asphalt and other saturated felts in roll or shingle form, either smooth or faced with grit, and in manufacturing roofing cements and coatings. Establishments primarily engaged in manufacturing paint are classified in industry 2851, and linoleum and tile cement in industry 2891.

299 MISCELLANEOUS PRODUCTS OF PETROLEUM AND COAL

2992 Lubricating Oils and Greases.—Establishments primarily engaged in blending, compounding, and re-refining lubricating oils and greases from purchased mineral, animal, and vegetable materials. Petroleum refineries engaged in the production of lubricating oils and greases are classified in industry 2911.

2999 Products of Petroleum and Coal, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing fuel briquettes, boulets, packaged fuel, powdered fuel, and other products of petroleum and coal not elsewhere classified.

30 RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS

This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments primarily manufacturing tires, but establishments primarily recapping and retreading automobile tires are classified in industry 7534. This group also includes establishments engaged in molding primary plastics for the trade and manufacturing miscellaneous finished plastics products. The manufacture of elastic webbing is classified in SIC Major Group 22; products made of elastic webbing and garments made from rubberized fabrics in SIC Major Group 23; and synthetic rubber in industry 2822.

301 TIRES AND INNER TUBES

3011 Tires and Inner Tubes.—Establishments primarily engaged in manufacturing pneumatic casings, inner tubes, and solid and cushion tires for all types of vehicles, airplanes, farm equipment, and children's vehicles; tiring; and camelback, and tire repair and retreading materials. Establishments primarily engaged in retreading tires are classified in industry 7534.

302 RUBBER AND PLASTICS FOOTWEAR

3021 Rubber and Plastics Footwear.—Establishments primarily engaged in manufacturing all rubber and plastics footwear, waterproof fabric upper footwear, and other fabric upper footwear having rubber or plastic soles vulcanized to the uppers. Establishments primarily engaged in manufacturing rubber, composition, and fiber heels, soles, soling strips, and related shoemaking and repairing materials are classified in industry 3069; plastic soles and soling strips in industry 3079.

303 RECLAIMED RUBBER

3031 Reclaimed Rubber.—Establishments primarily engaged in reclaiming rubber from scrap rubber tires, tubes, and miscellaneous waste rubber articles by processes which result in devulcanized, depolymerized, or regenerated replasticized products containing added ingredients. These products are sold

APPENDIX B—Continued

for use as a raw material in the manufacture of rubber goods with or without admixture with crude rubber or synthetic rubber. Establishments primarily engaged in the assembly and wholesale sale of scrap rubber are classified in trade industries.

304 RUBBER AND PLASTICS HOSE AND BELTING

3041 Rubber and Plastics Hose and Belting.—Establishments primarily engaged in manufacturing rubber and plastics hose and belting, including garden hose. Establishments primarily engaged in manufacturing rubber tubing are classified in industry 3069; plastic tubing in industry 3079; and flexible metallic hose in industry 3599.

306 FABRICATED RUBBER PRODUCTS, NOT ELSEWHERE CLASSIFIED

3069 Fabricated Rubber Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial and mechanical rubber goods, rubberized fabrics, vulcanized rubber clothing, and miscellaneous rubber specialties and sundries. Establishments primarily engaged in rebuilding and re-treading tires are classified in industry 7534; and gaskets and packing in industry 3293.

307 MISCELLANEOUS PLASTICS PRODUCTS

3079 Miscellaneous Plastics Products.—Establishments primarily engaged in molding primary plastics for the trade, and fabricating miscellaneous finished plastics products. Establishments primarily engaged in manufacturing fabricated plastics products or plastics film, sheet, rod, nontextile monofilaments and regenerated cellulose products, and vulcanized fiber are classified in this industry, whether from purchased resins or from resins produced in the same plant. Establishments primarily engaged in compounding purchased resins are also classified in this industry. Establishments primarily engaged in manufacturing artificial leather are classified in industry 2295.

31 LEATHER AND LEATHER PRODUCTS

This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and

establishments manufacturing finished leather, artificial leather products, and some similar products made of other materials. Leather converters are also included.

311 LEATHER TANNING AND FINISHING

3111 Leather Tanning and Finishing.—Establishments primarily engaged in tanning, currying, and finishing hides and skins into leather. This industry also includes leather converters who buy hides and skins and have them processed into leather on a contract basis by others.

313 BOOT AND SHOE CUT STOCK AND FINDINGS

3131 Boot and Shoe Cut Stock and Findings.—Establishments primarily engaged in manufacturing leather soles, inner soles, and other boot and shoe cut stock and findings. This industry also includes finished wood heels. Establishments primarily engaged in manufacturing heels, soling strips, and soles made of rubber, composition, plastics, and fiber are classified in SIC Major Group 30.

314 FOOTWEAR, EXCEPT RUBBER

3142 House Slippers.—Establishments primarily engaged in manufacturing house slippers of leather or other materials.

3143 Men's Footwear, Except Athletic.—Establishments primarily engaged in the production of men's footwear designed primarily for dress, street, and work. Establishments primarily engaged in the production of such protective footwear as rubbers, rubber boots, storm shoes, galoshes, and other footwear with rubber soles vulcanized to the uppers are classified in industry 3021. Establishments primarily engaged in the production of athletic shoes and youths' and boys' shoes are classified in industry 3149.

3144 Women's Footwear, Except Athletic.—Establishments primarily engaged in the production of women's footwear designed primarily for dress, street, and work. Establishments primarily engaged in the production of athletic shoes and misses', children's, infants', and babies' footwear are classified in industry 3149. Establishments primarily engaged in the production of rubber or plastics footwear are classified in industry 3021.

- 3149 Footwear, Except Rubber, Not Elsewhere Classified.**—Establishments primarily engaged in the production of shoes, not elsewhere classified, such as misses', youths', boys', children's, infants', and babies' footwear, and athletic footwear. Establishments primarily engaged in the production of rubber or plastics footwear are classified in industry 3021.

315 LEATHER GLOVES AND MITTENS

- 3151 Leather Gloves and Mittens.**—Establishments primarily engaged in manufacturing dress, semidress, and work gloves exclusively of leather or leather with lining of other material. Establishments primarily engaged in manufacturing sporting and athletic gloves are classified in industry 3949; and dress, semidress, and work gloves and mittens of cloth or cloth and leather combined in industry 2381.

316 LUGGAGE

- 3161 Luggage.**—Establishments primarily engaged in manufacturing luggage of leather or other materials.

317 HANDBAGS AND OTHER PERSONAL LEATHER GOODS

- 3171 Women's Handbags and Purses.**—Establishments primarily engaged in manufacturing women's handbags and purses of leather or other materials, except precious metal (industry 3911).
- 3172 Personal Leather Goods, Except Women's Handbags and Purses.**—Establishments primarily engaged in manufacturing small articles, such as billfolds, key cases, and coin purses of leather or other materials, except precious metal (industry 3911).

319 LEATHER GOODS, NOT ELSEWHERE CLASSIFIED

- 3199 Leather Goods, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing leather goods, not elsewhere classified, such as saddlery, harness, whips, embossed leather goods, leather desk sets, razor strops, and leather belting. Establishments primarily engaged in manufacturing gaskets and packing are classified in industry 3293.

32

STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining and quarrying activities are classified in Division B. When separate reports are not available, the mining and quarrying activities other than those of industry 3295 are classified herein with the manufacturing operations.

If separate reports are not available for crushing, grinding, and other preparation activities of industry 3295, these establishments are classified in Division B.

321 FLAT GLASS

- 3211 Flat Glass.**—Establishments primarily engaged in manufacturing flat glass. This industry also produces laminated glass, but establishments primarily engaged in manufacturing laminated glass from purchased flat glass are classified in industry 3231.

322 GLASS AND GLASSWARE, PRESSED OR BLOWN

This group includes establishments primarily engaged in manufacturing glass and glassware, pressed, blown, or shaped from glass produced in the same establishment. Establishments primarily engaged in manufacturing glass products from purchased glass are classified in industry 3231.

- 3221 Glass Containers.**—Establishments primarily engaged in manufacturing glass containers for commercial packing and bottling and for home canning.

- 3229 Pressed and Blown Glass and Glassware, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing glass and glassware, not elsewhere classified, pressed, blown, or shaped from glass produced in the same establishment. Establishments primarily engaged in manufacturing textile glass fibers are also included in this industry, but establishments primarily engaged in manufacturing glass wool insulation products are classified in industry

3296. Establishments primarily engaged in the production of pressed lenses for vehicular lighting, beacons, and lanterns are also included in this industry, but establishments primarily engaged in the production of optical lenses are classified in industry 3832. Establishments primarily engaged in manufacturing glass containers are classified in industry 3221, and complete electric light bulbs in industry 3641.

323 GLASS PRODUCTS, MADE OF PURCHASED GLASS

3231 Glass Products, Made of Purchased Glass.—Establishments primarily engaged in manufacturing glass products from purchased glass. Establishments primarily engaged in manufacturing optical lenses and ophthalmic lenses are classified in SIC Major Group 38.

324 CEMENT, HYDRAULIC

3241 Cement, Hydraulic.—Establishments primarily engaged in manufacturing hydraulic cement, including portland, natural, masonry, and pozzolan cements.

325 STRUCTURAL CLAY PRODUCTS

3251 Brick and Structural Clay Tile.—Establishments primarily engaged in manufacturing brick and structural clay tile. Establishments primarily engaged in manufacturing clay firebrick are classified in industry 3255, nonclay firebrick in industry 3297, sand lime brick in industry 3299, and glass brick in industry 3229.

3253 Ceramic Wall and Floor Tile.—Establishments primarily engaged in manufacturing ceramic wall and floor tile. Establishments primarily engaged in manufacturing structural clay tile are classified in industry 3251, and drain tile in industry 3259.

3255 Clay Refractories.—Establishments primarily engaged in manufacturing clay firebrick and other heat-resisting clay products. Establishments primarily engaged in manufacturing nonclay refractories, as well as all graphite refractories whether of carbon bond or ceramic bond, are classified in industry 3297.

3259 Structural Clay Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing clay sewer pipe and structural clay products not elsewhere classified

326 POTTERY AND RELATED PRODUCTS

3261 Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories.—Establishments primarily engaged in manufacturing china plumbing fixtures and china and earthenware fittings and bathroom accessories.

3262 Vitreous China Table and Kitchen Articles.—Establishments primarily engaged in manufacturing vitreous china table and kitchen articles for use in households and in hotels, restaurants, and other commercial institutions for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware (whiteware) table and kitchen articles are classified in industry 3263.

3263 Fine Earthenware (Whiteware) Table and Kitchen Articles.—Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware table and kitchen articles for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing vitreous china table and kitchen articles are classified in industry 3262.

3264 Porcelain Electrical Supplies.—Establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, spark plug and steatitic porcelain, and other electrical supplies from clay and other ceramic materials.

3269 Pottery Products, Not Elsewhere Classified.—Establishments primarily engaged in firing and decorating white china and earthenware for the trade and manufacturing art and ornamental pottery, industrial and laboratory pottery, stoneware and coarse earthenware table and kitchen articles, unglazed red earthenware florists' articles, and other pottery products, not elsewhere classified.

327 CONCRETE, GYPSUM, AND PLASTER PRODUCTS

3271 Concrete Block and Brick.—Establishments primarily engaged in manufacturing concrete building block and brick from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and establishments primarily engaged in mixing and delivering ready-mixed concrete in industry 3273.

APPENDIX B—Continued

3272 Concrete Products, Except Block and Brick.—Establishments primarily engaged in manufacturing concrete products, except block and brick, from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and establishments primarily engaged in mixing and delivering ready-mixed concrete in industry 3273.

3273 Ready-Mixed Concrete.—Establishments primarily engaged in manufacturing portland cement concrete manufactured and delivered to a purchaser in a plastic and unhardened state. This industry includes production and sale of central-mixed concrete, shrink-mixed concrete, and transit-mixed concrete.

3274 Lime.—Establishments primarily engaged in manufacturing quicklime, hydrated lime, and "dead-burned" dolomite from limestone, dolomite shells, or other substances.

3275 Gypsum Products.—Establishments primarily engaged in manufacturing plaster, plasterboard, and other products composed wholly or chiefly of gypsum.

328 CUT STONE AND STONE PRODUCTS

3281 Cut Stone and Stone Products.—Establishments primarily engaged in cutting, shaping, and finishing marble, granite, slate, and other stone for building and miscellaneous uses. Establishments primarily engaged in buying or selling partly finished monuments and tombstones, but performing no work on the stones other than lettering, finishing, or shaping to custom order, are classified in trade industries. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in Division B.

329 ABRASIVE, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS

3291 Abrasive Products.—Establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials and other abrasive products. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in mining industries.

3292 Asbestos Products.—Establishments primarily engaged in manufacturing asbestos textiles, asbestos building materials, except asbestos paper (industry 2661),

insulating materials for covering boilers and pipes, and other commodities composed wholly or chiefly of asbestos. Establishments primarily engaged in manufacturing gaskets and steam and other packing are classified in industry 3293.

3293 Gaskets, Packing, and Sealing Devices.—Establishments primarily engaged in manufacturing gaskets, gasketing materials, compression packings, molded packings, oil seals, and mechanical seals. Included are gaskets, packing, and sealing devices made of leather, rubber, metal, asbestos, and plastics.

3295 Minerals and Earths, Ground or Otherwise Treated.—Establishments operating without a mine or quarry and primarily engaged in the crushing, grinding, pulverizing, or otherwise preparing clay, ceramic, and refractory minerals; barite; and miscellaneous nonmetallic minerals, except fuels. These minerals are the crude products mined by establishments of SIC groups 145 and 149 and industry 1472. Also included are establishments primarily crushing slag and preparing roofing granules. The beneficiation or preparation of other minerals and metallic ores, and the cleaning and grading of coal, are classified in the mining industries, whether or not the operation is associated with a mine.

3296 Mineral Wool.—Establishments primarily engaged in manufacturing mineral wool and mineral wool insulation products made of such siliceous materials as rock, slag, and glass, or combinations thereof. Establishments primarily engaged in manufacturing asbestos insulation products are classified in industry 3292, and textile glass fibers in industry 3229.

3297 Nonclay Refractories.—Establishments primarily engaged in manufacturing refractories and crucibles made of materials other than clay. This industry also includes establishments primarily engaged in manufacturing all graphite refractories, whether of carbon bond or ceramic bond. Establishments primarily engaged in manufacturing clay refractories are classified in industry 3255.

3299 Nonmetallic Mineral Products, Not Elsewhere Classified.—Establishments primarily engaged in the factory production of statuary and art goods made of plaster of paris and papier mache, and in manufacturing sand lime products and other nonmetallic mineral products not elsewhere classified.

33 PRIMARY METAL INDUSTRIES

This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke. Establishments primarily engaged in manufacturing metal forgings or stampings are classified in SIC group 346.

331 BLAST FURNACES, STEELWORKS, AND ROLLING AND FINISHING MILLS

3312 Blast Furnaces (Including Coke Ovens), Steelworks, and Rolling Mills.—Establishments primarily engaged in manufacturing hot metal, pig iron, silvery pig iron, and ferroalloys from iron ore and iron and steel scrap; converting pig iron, scrap iron, and scrap steel into steel; and in hot rolling iron and steel into basic shapes such as plates, sheets, strips, rods, bars, and tubing. Merchant blast furnaces and byproduct or beehive coke ovens are also included in this industry. Establishments primarily engaged in manufacturing ferro and nonferrous additive alloys by electrometallurgical processes are classified in industry 3313.

3313 Electrometallurgical Products.—Establishments primarily engaged in manufacturing ferro and nonferrous additive alloys by electrometallurgical or metallothermic processes, including high percentage ferroalloys and high percentage nonferrous additive alloys.

3315 Steel Wiredrawing and Steel Nails and Spikes.—Establishments primarily engaged in drawing wire from purchased iron or steel rods, bars, or wire, and which may be engaged in the further manufacture of products made from wire; establishments primarily engaged in manufacturing steel nails and spikes from purchased materials are also included in this industry. Rolling mills engaged in the production of ferrous wire from wire rods or hot rolled bars produced in the same establishment are classified in industry 3312. Establishments primarily engaged in drawing nonferrous wire are classified in SIC group 335.

3316 Cold Rolled Steel Sheet, Strip, and Bars.—Establishments primarily engaged in (1) cold rolling steel sheets and strip from purchased hot rolled sheets; (2) cold drawing steel bars and steel shapes from purchased hot rolled steel bars; and (3) producing other cold finished steel. Establishments primarily engaged in the production of steel, including hot rolled steel sheets, and further cold rolling such sheets are classified in industry 3312.

3317 Steel Pipe and Tubes.—Establishments primarily engaged in the production of welded or seamless steel pipe and tubes and heavy riveted steel pipe from purchased materials. Establishments primarily engaged in the production of steel, including steel skelp or steel blanks, tube rounds, or pierced billets, are classified in industry 3312.

332 IRON AND STEEL FOUNDRIES

This group includes establishments primarily engaged in manufacturing iron and steel castings. These establishments generally operate on a job or order basis, manufacturing castings for sale to others or for interplant transfer. Establishments which produce iron and steel castings and which are also engaged in fabricating operations, such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Iron and steel castings are made to a considerable extent by establishments classified in other industries, that operate foundry departments for the production of castings for incorporation, in the same establishment, into such products as stoves, furnaces, plumbing fixtures, motor vehicles, etc. Establishments primarily engaged in the manufacture and rolling of steel and also making steel castings are classified in industry 3312. Establishments primarily engaged in manufacturing nonferrous castings are classified in SIC group 336.

3321 Gray Iron Foundries.—Establishments primarily engaged in manufacturing gray iron castings, including cast iron pressure and soil pipes and fittings.

3322 Malleable Iron Foundries.—Establishments primarily engaged in manufacturing malleable iron castings.

3324 Steel Investment Foundries.—Establishments primarily engaged in manufacturing steel investment castings.

3325 Steel Foundries, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing steel castings not elsewhere classified.

333 PRIMARY SMELTING AND REFINING OF NON-FERROUS METALS

3331 Primary Smelting and Refining of Copper.—Establishments primarily engaged in smelting copper from the ore, and in refining copper by electrolytic or other processes. Establishments primarily engaged in rolling, drawing, or extruding copper are classified in industry 3351.

3332 Primary Smelting and Refining of Lead.—Establishments primarily engaged in smelting lead from the ore and in refining lead by any process. Establishments primarily engaged in rolling, drawing, or extruding lead are classified in industry 3356.

3333 Primary Smelting and Refining of Zinc.—Establishments primarily engaged in smelting zinc from the ore and in refining zinc by any process. Establishments primarily engaged in rolling, drawing, or extruding zinc are classified in industry 3356.

3334 Primary Production of Aluminum.—Establishments primarily engaged in producing aluminum from alumina and in refining aluminum by any process. Establishments primarily engaged in rolling, drawing, or extruding aluminum are classified in industries 3353, 3354, and 3355.

3339 Primary Smelting and Refining of Nonferrous Metals, Not Elsewhere Classified.—Establishments primarily engaged in smelting and refining nonferrous metals not elsewhere classified. Establishments primarily engaged in rolling, drawing, and extruding these nonferrous primary metals are classified in industry 3356, and the production of bullion at the site of the mine is classified in the mining industries.

334 SECONDARY SMELTING AND REFINING OF NON-FERROUS METALS

3341 Secondary Smelting and Refining of Nonferrous Metals.—Establishments primarily engaged in recovering nonferrous metals and alloys from new and used scrap and dross. This industry includes establishments engaged in both the recovery and alloying

of precious metals. Plants engaged in the recovery of tin through secondary smelting and refining, as well as by chemical processes, are included in this industry. Establishments primarily engaged in assembling, sorting, and breaking up scrap metal, without smelting and refining, are classified in trade industries.

335 ROLLING, DRAWING, AND EXTRUDING OF NON-FERROUS METALS

3351 Rolling, Drawing, and Extruding of Copper.—Establishments primarily engaged in rolling, drawing, and extruding copper, brass, bronze, and other copper base alloy basic shapes, such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering copper and its alloys from scrap or dross are classified in industry 3341.

3353 Aluminum Sheet, Plate, and Foil.—Establishments primarily engaged in flat rolling aluminum and aluminum base alloy basic shapes such as sheet, plate, and foil, including establishments producing welded tube. Also included are establishments primarily producing similar products by continuous casting.

3354 Aluminum Extruded Products.—Establishments primarily engaged in extruding aluminum and aluminum base alloy basic shapes such as rod and bar, pipe and tube, and tube blooms, including establishments producing tube by drawing.

3355 Aluminum Rolling and Drawing, Not Elsewhere Classified.—Establishments primarily engaged in rolling, drawing, and other operations resulting in the production of aluminum ingot, including extrusion ingot, and aluminum and aluminum base alloy basic shapes, not elsewhere classified, such as rolled and continuous cast rod and bar. Establishments primarily engaged in producing aluminum powder, flake, and paste are classified in industry 3399, and those producing aluminum wire and cable from purchased wire bars, rods, or wire are classified in industry 3357.

3356 Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum.—Establishments primarily engaged in rolling, drawing, and extruding nonferrous metals other than copper (industry 3351) and aluminum (industries 3353, 3354, and 3355). The products of this industry are

produced in the form of basic shapes such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering nonferrous metals and alloys from scrap or dross are classified in industry 3341; in manufacturing gold, silver, tin, and other foils except aluminum in industry 3497; and aluminum foil in industry 3353.

- 3357 Drawing and Insulating of Nonferrous Wire.**—Establishments primarily engaged in drawing and insulating, and insulating wire and cable of nonferrous metals from purchased wire bars, rods, or wire.

336 NONFERROUS FOUNDRIES (CASTINGS)

This group includes establishments primarily engaged in manufacturing castings and die castings of aluminum, brass, bronze and other nonferrous metals and alloys. These establishments generally operate on a job or order basis, manufacturing castings for sale to others or for interplant transfer. Establishments which produce nonferrous castings and which are also engaged in fabricating operations, such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Nonferrous castings are made to a considerable extent by establishments classified in other industries that operate foundry departments for the production of castings for incorporation, in the same establishment, into such products as machinery, motor vehicles, etc. Establishments primarily engaged in manufacturing iron and steel castings are classified in SIC group 332.

- 3361 Aluminum Foundries (Castings).**—Establishments primarily engaged in manufacturing castings and die castings of aluminum and aluminum-base alloys.
- 3362 Brass, Bronze, Copper, Copper Base Alloy Foundries (Castings).**—Establishments primarily engaged in manufacturing castings and die castings of copper and copper-base alloys.
- 3369 Nonferrous Foundries (Castings), Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing castings and die castings of nonferrous materials except aluminum, copper, and copper base alloys.

339 MISCELLANEOUS PRIMARY METAL PRODUCTS

- 3398 Metal Heat Treating.**—Establishments primarily engaged in heat treating of metal for the trade.

- 3399 Primary Metal Products, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing primary metal products, not elsewhere classified, such as nonferrous nails, brads, and spikes; and metal powder, flakes, and paste.

34 FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as metal cans, tinware, handtools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal forgings, metal stampings, ordnance (except vehicles and guided missiles), and a variety of metal and wire products not elsewhere classified. Certain important segments of the metal fabricating industries are classified in other major groups such as machinery in SIC Major Groups 35 and 36; transportation equipment, including tanks, in SIC Major Group 37; professional scientific and controlling instruments, watches, and clocks in SIC Major Group 38; and jewelry and silverware in SIC Major Group 39. Establishments primarily engaged in producing ferrous and nonferrous metals and their alloys are classified in SIC Major Group 33.

341 METAL CANS AND SHIPPING CONTAINERS

- 3411 Metal Cans.**—Establishments primarily engaged in manufacturing metal cans from purchased materials. Establishments primarily engaged in manufacturing foil containers are classified in industry 3497.
- 3412 Metal Shipping Barrels, Drums, Kegs, and Pails.**—Establishments primarily engaged in manufacturing ferrous and nonferrous metal shipping barrels, drums, kegs, and pails.

342 CUTLERY, HANDTOOLS, AND GENERAL HARDWARE

- 3421 Cutlery.**—Establishments primarily engaged in manufacturing cutlery. Establishments primarily engaged in manufacturing table cutlery made entirely of metal are classified in industry 3914; those manufacturing electric razors in industry 3634; and those manufacturing hair clippers for human use in industry 3999, and for animal use in industry 3523.

3423 Hand and Edge Tools, Except Machine Tools and Handsaws.—Establishments primarily engaged in manufacturing files and other hand and edge tools for metalworking, woodworking, and general maintenance. Establishments primarily engaged in manufacturing saws are classified in industry 3425; and metal-cutting dies, power-driven handtools, and attachments and accessories for machine tools in SIC Major Group 35.

3425 Handsaws and Saw Blades.—Establishments primarily engaged in manufacturing handsaws and saw blades for hand and power-driven saws. Establishments primarily engaged in manufacturing power-driven sawing machines are classified in SIC Major Group 35.

3429 Hardware, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing miscellaneous metal products usually termed "hardware," not elsewhere classified. Establishments primarily engaged in manufacturing bolts and nuts are classified in industry 3452, nails and spikes in SIC Major Group 33, cutlery in industry 3421, handtools in industry 3423, and pole line and transmission hardware in SIC Major Group 36.

343 HEATING EQUIPMENT, EXCEPT ELECTRIC AND WARM AIR; AND PLUMBING FIXTURES

3431 Enameled Iron and Metal Sanitary Ware.—Establishments primarily engaged in manufacturing enameled iron, cast iron, or pressed metal sanitary ware. Establishments primarily engaged in manufacturing vitreous and semivitreous pottery sanitary ware are classified in industry 3261; and those manufacturing porcelain enameled kitchen, household, and hospital ware in industry 3469.

3432 Plumbing Fixture Fittings and Trim (Brass Goods).—Establishments primarily engaged in manufacturing plumbing fixture fittings and trim (brass goods). Establishments primarily engaged in the manufacture of steam or water line valves are classified in industry 3494.

3433 Heating Equipment, Except Electric and Warm Air Furnaces.—Establishments primarily engaged in manufacturing heating equipment, except electric and warm air furnaces, including gas, oil, and stoker coal-fired equipment for the automatic utilization

of gaseous, liquid, and solid fuels. Establishments primarily engaged in manufacturing warm air furnaces are classified in industry 3585; cooking stoves and ranges in industry 3631; boiler shops primarily engaged in the production of industrial, power and marine boilers in industry 3443; and industrial process furnaces and ovens in industry 3567.

344 FABRICATED STRUCTURAL METAL PRODUCTS

3441 Fabricated Structural Metal.—Establishments primarily engaged in manufacturing fabricated iron and steel or other metal for structural purposes, such as bridges, buildings, and sections for ships, boats, and barges. Establishments primarily engaged in manufacturing metal doors, sash, frames, molding, and trim are classified in industry 3442; and establishments doing fabrication work at the site of construction are classified in Division C.

3442 Metal Doors, Sash, Frames, Molding, and Trim.—Establishments primarily engaged in manufacturing ferrous and nonferrous metal and metal covered doors and sash, window and door frames and screens, molding, and trim.

3443 Fabricated Platework (Boiler Shops).—Establishments primarily engaged in manufacturing power and marine boilers, pressure and nonpressure tanks, processing and storage vessels, heat exchangers, weldments, and similar products by the process of cutting, forming, and joining metal plates, shapes, bars, sheet, pipe mill products, and tubing to custom or standard design for factory or field assembly. Establishments primarily engaged in manufacturing warm air heating furnaces are classified in industry 3585, other nonelectric heating apparatus except power boilers in industry 3433, and household cooking apparatus in industry 3631.

3444 Sheet Metalwork.—Establishments primarily engaged in manufacturing sheet metalwork for buildings (not including fabrication work done by construction contractors at the place of construction), and manufacturing sheet metal stovepipes, light tanks, etc.

3446 Architectural and Ornamental Metalwork.—Establishments primarily engaged in manufacturing architectural and ornamental metalwork of ferrous and nonferrous metals, such as stairs and staircases, open

APPENDIX B—Continued

steel flooring (grating), fire escapes, grilles, railings, and fences and gates, except those made from wire. Establishments primarily engaged in manufacturing prefabricated and portable metal buildings and parts are classified in industry 3448, and miscellaneous metalwork in industry 3449.

3448 Prefabricated Metal Buildings and Components.—Establishments primarily engaged in manufacturing prefabricated and portable metal buildings and parts, and prefabricated exterior metal panels.

3449 Miscellaneous Metalwork.—Establishments primarily engaged in manufacturing miscellaneous ferrous and nonferrous metalwork, such as metal plaster bases, fabricated bar joists, and concrete reinforcing bars.

345 SCREW MACHINE PRODUCTS, AND BOLTS, NUTS, SCREWS, RIVETS, AND WASHERS

3451 Screw Machine Products.—Establishments primarily engaged in manufacturing automatic or hand screw machine products from rod, bar, or tube stock of metal, fiber, plastics, or other material. The products of this industry consist of a wide variety of unassembled parts and are usually manufactured on a job or order basis. Establishments primarily engaged in manufacturing standard bolts, nuts, rivets, screws, and other industrial fasteners on headers, threaders, and nut forming machines are classified in industry 3452.

3452 Bolts, Nuts, Screws, Rivets, and Washers.—Establishments primarily engaged in manufacturing bolts, nuts, screws, rivets, washers, formed and threaded wire goods, and special industrial fasteners. Rolling mills engaged in manufacturing similar products are classified in SIC Major Group 33, and establishments primarily engaged in manufacturing screw machine products in industry 3451.

346 METAL FORGINGS AND STAMPINGS

This group includes establishments primarily engaged in manufacturing metal forgings or metal stampings. These establishments generally operate on a job or order basis, manufacturing metal stampings or forgings for sale to others or for interplant transfer. Establishments which produce metal stampings or forgings for incorporation in end products produced in the same establishment are classified on the basis of the end product.

3462 Iron and Steel Forgings.—Establishments primarily engaged in manufacturing iron and steel forgings, with or without the use of dies.

3463 Nonferrous Forgings.—Establishments primarily engaged in manufacturing nonferrous forgings, with or without the use of dies.

3465 Automotive Stampings.—Establishments primarily engaged in manufacturing automotive stampings such as body parts, hubs, and trim.

3466 Crowns and Closures.—Establishments primarily engaged in manufacturing metal crowns and closures.

3469 Metal Stampings, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing metal stampings and spun products, not elsewhere classified, including porcelain enameled products such as household appliance housings and parts; utensils and consumer stamped and spun products such as cooking and kitchen utensils; and other nonautomotive job stampings.

347 COATING, ENGRAVING, AND ALLIED SERVICES

3471 Electroplating, Plating, Polishing, Anodizing, and Coloring.—Establishments primarily engaged in all types of electroplating, plating, anodizing, coloring, and finishing of metals and formed products for the trade. Most of the work done in this industry is done on materials owned by others.

3479 Coating, Engraving, and Allied Services, Not Elsewhere Classified.—Establishments primarily engaged in performing the following types of services on metals: (1) Enameling, lacquering, and varnishing metal products for the trade; (2) hot-dip galvanizing of mill sheets, plates and bars, castings, and formed products fabricated of iron and steel; hot-dip coating such items with aluminum, lead, or zinc; retinning cans and utensils; (3) engraving, chasing and etching jewelry, silverware, notarial and other seals, and other metal products for the trade and for job contracting for purposes other than printing; and (4) other metal services, not elsewhere classified. Establishments primarily engaged in electroplating, plating, polishing, anodizing, coloring, and finishing of metals and formed products for the trade are classified in industry 3471; and those producing porcelain enameled products in industry 3469.

348 ORDNANCE AND ACCESSORIES, EXCEPT VEHICLES AND GUIDED MISSILES

3482 Small Arms Ammunition.—Establishments primarily engaged in manufacturing ammunition for small arms having a bore of 30 mm (or 1.18 inch) and below. Establishments primarily engaged in manufacturing ammunition except for small arms are classified in industry 3483, blasting and detonating caps and safety fuses in industry 2892, and fireworks in industry 2899.

3483 Ammunition, Except for Small Arms, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing ammunition, not elsewhere classified, or in loading and assembling ammunition over 30 mm (or over 1.18 inch) for naval, aircraft, anti-aircraft, tank, coast, and field artillery; including component parts. This industry also includes establishments primarily engaged in manufacturing bombs, mines, torpedoes, grenades, depth charges, chemical warfare projectiles, and their component parts. Establishments primarily engaged in manufacturing small arms ammunition are classified in industry 3482, explosives in industry 2892, and military pyrotechnics in industry 2899.

3484 Small Arms.—Establishments primarily engaged in manufacturing small firearms having a bore 30 mm (or 1.18 inch) and below, and parts for small firearms. Also included in this industry are establishments primarily engaged in manufacturing certain weapons over 30 mm which are carried and employed by the individual, such as grenade launchers and heavy field machine guns. Establishments primarily engaged in manufacturing artillery and mortars having a bore over 30 mm (or over 1.18 inch) and component parts are classified in industry 3489.

3489 Ordnance and Accessories, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing ordnance and accessories, not elsewhere classified, such as naval, aircraft, antiaircraft, tank, coast, and field artillery having a bore over 30 mm (or over 1.18 inch) and components. Establishments primarily engaged in manufacturing small arms and parts 30 mm (or 1.18 inch) and below are classified in industry 3484; tanks in industry 3795; and guided missiles in SIC group 376.

349 MISCELLANEOUS FABRICATED METAL PRODUCTS

3493 Steel Springs, Except Wire.—Establishments primarily engaged in manufacturing leaf springs, hot wound springs, and coiled flat springs. Establishments primarily engaged in manufacturing wire springs are classified in industry 3495.

3494 Valves and Pipe Fittings, Except Plumbers' Brass Goods.—Establishments primarily engaged in manufacturing pipe fittings and valves for controlling the flow of liquids or gases in pipes and mains, and for machinery. Establishments primarily engaged in manufacturing faucets, spigots, and similar plumbers' brass goods and fittings are classified in industry 3432, flexible metal hose and tubing in industry 3599, and fittings and couplings for garden hose in industry 3429.

3495 Wire Springs.—Establishments primarily engaged in manufacturing wire springs. Establishments primarily engaged in assembling wire bedsprings or seats are classified in SIC Major Group 25.

3496 Miscellaneous Fabricated Wire Products.—Establishments primarily engaged in manufacturing miscellaneous fabricated wire products from purchased wire, such as noninsulated wire rope and cable; fencing; screening, netting, paper machine wire cloth; and hangers, paper clips, kitchenware, and wire carts. Rolling mills engaged in manufacturing wire products are classified in SIC Major Group 33; establishments manufacturing nonferrous wire nails and spikes in industry 3399; those drawing and insulating nonferrous wire in industry 3357; and those manufacturing wire springs in industry 3495.

3497 Metal Foil and Leaf.—Establishments primarily engaged in manufacturing gold, silver, tin, and other metal foil (including converted metal foil) and leaf. Also included are establishments primarily engaged in converting metal foil (including aluminum) into wrappers, cookware, dinnerware, and containers, except bags and liners. Establishments primarily engaged in manufacturing plain aluminum foil are classified in industry 3353.

3498 Fabricated Pipe and Fabricated Pipe Fittings.—Establishments primarily engaged in fabricating pipe and pipe fittings from purchased pipe, by cutting,

threading, bending, etc. Establishments primarily engaged in manufacturing cast iron pipe and fittings, including cast and forged pipe fittings which have been machined and threaded, are classified in industry 3321; and welded and heavy riveted pipe and seamless steel pipe in industry 3317. Establishments primarily engaged in manufacturing products such as bannisters, railings, and guards from pipe are classified in industry 3446.

- 3499 Fabricated Metal Products, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing fabricated metal products, not elsewhere classified, such as fire or burglary resistive steel safes and vaults and similar fire or burglary resistive products; and collapsible tubes of thin flexible metal. Also included are establishments primarily engaged in manufacturing metal boxes, metal ladders, and metal household articles such as ice cream freezers and ironing boards. Establishments primarily engaged in manufacturing concrete grave vaults are classified in industry 3722, and metal grave vaults in industry 3995. Establishments primarily engaged in manufacturing advertising novelties are classified in industry 3993.

35 MACHINERY, EXCEPT ELECTRICAL

This major group includes establishments engaged in manufacturing machinery and equipment other than electrical equipment (SIC Major Group 36) and transportation equipment (SIC Major Group 37). Machines powered by built-in or detachable motors are ordinarily included in this major group, with the exception of electrical household appliances (SIC Major Group 36). Portable tools, both electric and pneumatic powered, are included in this major group, but handtools are classified in SIC Major Group 34.

351 ENGINES AND TURBINES

- 3511 Steam, Gas, and Hydraulic Turbine Generator Set Units.**—Establishments primarily engaged in manufacturing steam turbines; hydraulic turbines; gas turbines, except aircraft; complete steam, gas, and hydraulic turbine generator set units; and steam engines. Establishments primarily engaged in building or rebuilding locomotives are classified in industry 3743; and those manufacturing nonautomotive type generators which are not part of a turbine generator set in industry 3621.

- 3519 Internal Combustion Engines, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing diesel, semi-diesel, or other internal combustion engines, not elsewhere classified, for stationary, marine, traction, and other uses. Establishments primarily engaged in manufacturing aircraft engines are classified in industry 3724; automotive engines (except diesel) in industry 3714; engine generator sets in industry 3621; and guided missile and space vehicle propulsion units in industry 3764.

352 FARM AND GARDEN MACHINERY AND EQUIPMENT

- 3523 Farm Machinery and Equipment.**—Establishments primarily engaged in manufacturing farm machinery and equipment, including wheel tractors, for use in the preparation and maintenance of the soil; planting and harvesting of the crop; preparing crops for market, on the farm; or for use in performing other farm operations and processes. Establishments primarily engaged in manufacturing industrial trucks, tractors, and trailers used for handling materials in industrial plants, depots, and docks are classified in industry 3537; contractors' off-highway tractors are classified in industry 3531; farm handtools in SIC group 342; and garden tractors, lawn mowers and other lawn and garden equipment in industry 3524.

- 3524 Garden Tractors and Lawn and Garden Equipment.**—Establishments primarily engaged in manufacturing lawn mowers, garden tractors, and other lawn and garden equipment used for home lawn and garden care. Also included are establishments primarily manufacturing snow blowers and throwers for residential use. Establishments primarily engaged in manufacturing farm machinery and equipment are classified in industry 3523; hand lawn and garden shears and pruners in industry 3421; and other garden handtools in industry 3423.

353 CONSTRUCTION, MINING, AND MATERIALS HANDLING MACHINERY AND EQUIPMENT

- 3531 Construction Machinery and Equipment.**—Establishments primarily engaged in manufacturing heavy machinery and equipment used by the construction industries, such as bulldozers; concrete mixers; cranes, except industrial plant type; dredging machinery; pavers; and power shovels. Establish-

ments primarily engaged in manufacturing mining equipment are classified in industry 3532, and well-drilling machinery in industry 3533.

3532 Mining Machinery and Equipment, Except Oilfield Machinery and Equipment.—Establishments primarily engaged in manufacturing heavy machinery and equipment used by the mining industries, such as coal breakers, mine cars, mineral cleaning machinery, concentration machinery, core drills, coal cutters, portable rock drills, and rock crushing machinery. Establishments primarily engaged in manufacturing construction machinery are classified in industry 3531; well-drilling machinery in industry 3533; and coal and ore conveyors in industry 3535.

3533 Oilfield Machinery and Equipment.—Establishments primarily engaged in manufacturing machinery and equipment for use in oil and gas fields or for drilling water wells.

3534 Elevators and Moving Stairways.—Establishments primarily engaged in manufacturing passenger or freight elevators, automobile lifts, dumbwaiters, and moving stairways. Establishments primarily engaged in manufacturing commercial conveyor systems and equipment are classified in industry 3535, and farm elevators in industry 3523.

3535 Conveyors and Conveying Equipment.—Establishments primarily engaged in manufacturing conveyors and conveying equipment for installation in factories, warehouses, mines, and other industrial and commercial establishments. Establishments primarily engaged in manufacturing passenger or freight elevators, dumbwaiters, and moving stairways are classified in industry 3534; and overhead traveling cranes and monorail systems in industry 3536.

3536 Hoists, Industrial Cranes, and Monorail Systems.—Establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems for installation in factories, warehouses, and other industrial and commercial establishments.

3537 Industrial Trucks, Tractors, Trailers, and Stackers.—Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, stackers (truck type), and related equipment, used for handling materials on floors and paved surfaces in and around industrial and commercial plants, depots, docks, and terminals. Establishments primarily engaged in

manufacturing motor vehicles and motor vehicle type trailers are classified in SIC group 371; farm-type wheel tractors in industry 3523; wheel tractor shovel loaders and tracklaying tractors in industry 3531; and wood pallets and skids in industry 2448.

354 METALWORKING MACHINERY AND EQUIPMENT

3541 Machine Tools, Metal-Cutting Types.—Establishments primarily engaged in manufacturing machines, not supported in the hands of an operator when in use, that shape metal by cutting or use of electrical techniques; the rebuilding of such machine tools; and the manufacture of replacement parts for them. Metalworking, or primarily metalworking, machine tools designed primarily for home workshops are also included. Establishments primarily engaged in the manufacture of electric welding equipment are classified in industry 3623; portable power-driven handtools in industry 3546; and gas welding and cutting equipment and automotive maintenance equipment in industry 3549.

3542 Machine Tools, Metal-Forming Types.—Establishments primarily engaged in manufacturing machines, not supported in the hands of an operator while in use, for pressing, hammering, extruding, shearing, die-casting, or otherwise forming metal into shape. This industry also includes rebuilding such machine tools and manufacturing repair parts for them. Establishments primarily engaged in the manufacture of electric welding equipment are classified in industry 3623; portable power-driven handtools in industry 3546; rolling mill machinery and equipment in industry 3547; and gas welding and cutting equipment and automotive maintenance equipment in industry 3549.

3544 Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds.—Establishments commonly known as contract tool and die shops and primarily engaged in manufacturing, on a job or order basis, special tools and fixtures for use with machine tools, hammers, die-casting machines, and presses. The products of establishments classified in this industry include a wide variety of special toolings, such as dies; punches; die sets and components and sub-presses; jigs and fixtures; and special checking devices. Establishments primarily engaged in manufacturing molds for die casting and foundry casting; metal molds for plasterworking, rubber working,

APPENDIX B—Continued

plastic working, glassworking and similar machinery are also included. Establishments primarily engaged in manufacturing molds for heavy steel ingots are classified in industry 3321.

3545 Machine Tool Accessories and Measuring Devices.—Establishments primarily engaged in manufacturing cutting tools, machinist's precision measuring tools, and attachments and accessories for machine tools and for other metalworking machinery not elsewhere classified. Establishments primarily engaged in manufacturing handtools, except power-driven types, are classified in SIC group 342.

3546 Power-Driven Handtools.—Establishments primarily engaged in manufacturing power-driven handtools, such as drills and drilling tools, pneumatic and snagging grinders, and electric hammers. Establishments primarily engaged in manufacturing automotive maintenance equipment are classified in industry 3549; those primarily manufacturing machine tools for metal cutting and metal forming (including home workshop tools) which are not supported in the hands of an operator, are classified in industries 3541 and 3542; and those primarily manufacturing power-driven heavy construction or mining handtools in SIC group 353.

3547 Rolling Mill Machinery and Equipment.—Establishments primarily engaged in manufacturing rolling mill machinery and processing equipment for metal production such as cold forming mills, structural mills, and finishing equipment.

3549 Metalworking Machinery, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing metalworking machinery, not elsewhere classified, such as gas cutting and welding equipment, wire fabricating machinery and equipment, except wire-drawing dies, and automotive maintenance machinery and equipment. Establishments primarily engaged in manufacturing metal-cutting machine tools are classified in industry 3541; metal-forming machine tools in industry 3542; power-driven handtools in industry 3546; and rolling mill machinery in industry 3547.

355 SPECIAL INDUSTRY MACHINERY, EXCEPT METALWORKING MACHINERY

3551 Food Products Machinery.—Establishments primarily engaged in manufacturing machinery for use by the

food products and beverage manufacturing industries in the preparation, canning, or packaging of food products; and parts and attachments for such machinery. Establishments primarily engaged in manufacturing industrial refrigeration machinery are classified in SIC group 358.

3552 Textile Machinery.—Establishments primarily engaged in manufacturing machinery for the textile industries, including parts, attachments, and accessories. Establishments primarily engaged in manufacturing domestic or industrial sewing machines are classified in industry 3636.

3553 Woodworking Machinery.—Establishments primarily engaged in manufacturing machinery for sawmills, planing mills, cabinet and furniture makers, pattern-makers, and veneer workers. Establishments primarily engaged in manufacturing handtools such as planes, axes, drawknives, and handsaws are classified in SIC group 342; and portable power-driven handtools in industry 3546.

3554 Paper Industries Machinery.—Establishments primarily engaged in manufacturing machinery for the pulp, paper, and paper product industries. Establishments primarily engaged in manufacturing printing trades machinery are classified in industry 3555.

3555 Printing Trades Machinery and Equipment.—Establishments primarily engaged in manufacturing machinery and equipment used by the printing and bookbinding trades. Establishments primarily engaged in manufacturing textile printing machinery are classified in industry 3552.

3559 Special Industry Machinery, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing special industry machinery, not elsewhere classified, such as smelting and refining equipment, cementmaking, clayworking, cotton ginning, glassmaking, hatmaking, incandescent lampmaking, leatherworking, paintmaking, rubberworking, cigar and cigarette making, tobacco working, shoemaking, and stoneworking machinery.

356 GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT

3561 Pumps and Pumping Equipment.—Establishments primarily engaged in manufacturing pumps and pumping equipment for general industrial use. Establish-

ments primarily engaged in manufacturing measuring and dispensing pumps for gasoline service station use are classified in industry 3586; and air and gas compressors in industry 3563.

3562 Ball and Roller Bearings.—Establishments primarily engaged in manufacturing ball and roller bearings (including ball or roller bearing pillow block, flange, take-up cartridge, and hanger units) and parts. Establishments primarily engaged in manufacturing bearings, except ball and roller, are classified in industry 3568.

3563 Air and Gas Compressors.—Establishments primarily engaged in manufacturing air and gas compressors for general industrial use. Establishments primarily engaged in manufacturing refrigeration compressors and compressing units are classified in industry 3585; and pumps and pumping equipment in industry 3561.

3564 Blowers and Exhaust and Ventilation Fans.—Establishments primarily engaged in manufacturing industrial and commercial blowers, industrial and commercial exhaust and ventilating fans, and attic fans. Establishments primarily engaged in manufacturing air-conditioning units are classified in industry 3585, and free air-circulating fans for use on desks, pedestals, or wall brackets as well as household window-type fans and roll-about, kitchen and household ventilating and exhaust fans in industry 3634.

3565 Industrial Patterns.—Establishments primarily engaged in manufacturing industrial patterns.

3566 Speed Changers, Industrial High Speed Drives, and Gears.—Establishments primarily engaged in manufacturing speed changers, industrial high-speed drives, and gears. Establishments primarily engaged in manufacturing these items for motor vehicles are classified in industry 3714, and for aircraft in industry 3728.

3567 Industrial Process Furnaces and Ovens.—Establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and dielectric heating equipment, and related devices.

3568 Mechanical Power Transmission Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing mechanical power transmission equipment and parts for industrial machinery.

Establishments primarily engaged in manufacturing automotive, tank, and tractor power transmission equipment are classified in industry 3714; aircraft power transmission equipment in industry 3728; ball and roller bearings in industry 3562; and speed changers, industrial high speed drives, and gears in industry 3566.

3569 General Industrial Machinery and Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing machinery, equipment, and components for general industrial use, and for which no special classification is provided. Machine shops primarily engaged in producing machine and equipment parts, usually on a job or order basis, are classified in industry 3599.

357 OFFICE, COMPUTING, AND ACCOUNTING MACHINES

3572 and 3579 Typewriters and Office Machines, Not Elsewhere Classified.—The Typewriters Industry includes establishments primarily engaged in manufacturing typewriters and parts, including coded media typewriters and specialized composing typewriters. This industry is combined with the Office Machines, N.E.C., Industry which includes establishments primarily engaged in manufacturing office machines and devices not elsewhere classified. Establishments primarily engaged in manufacturing computing machines are classified in industry 3573, cash registers in industry 3574, and photocopy and microfilm equipment in industry 3861 (Photographic Equipment and Supplies).

The classification of establishments for which data are tabulated in this report is based upon the definitions and coding structure contained in the 1972 edition of the Standard Industrial Classification (SIC) Manual, published by the Office of Management and Budget, Executive Office of the President. The statistics for these industries as classified under the 1972 edition of the SIC manual were unchanged as to code number or content from the previous classification system. However, it was necessary to combine industry 3572, Typewriters, with industry 3579, Office Machines, N.E.C., to avoid disclosing the operation of individual companies.

3573 Electronic Computing Equipment.—Establishments primarily engaged in manufacturing electronic computers and peripheral equipment and/or major

logical components intended for use in electronic computer systems. Included are general-purpose electronic analog computers, electronic digital computers, military, ruggedized, and special purpose computers. The electronic computers may be used for data processing or may be incorporated as components of control equipment for industrial use, and as components of equipment used in weapons and weapons systems, space and oceanographic exploration, and transportation and other systems. Electronic computer systems contain high-speed arithmetic and program control units, on-line information storage devices, input/output equipment, terminals, data communication devices, and punched card equipment. Examples of input/output equipment are converters (card and/or tape) and readers and printers. Examples of storage devices are magnetic drums and disks magnetic cores and magnetic film memories. In addition to providing technical manuals necessary for the operation and maintenance of the equipment, establishments in this industry usually furnish general-purpose computer programs and basic operating systems programs needed for effective use of the computer system. Establishments primarily producing rebuilt electronic computers are also included in this industry. Establishments primarily engaged in manufacturing desk calculators, cash registers, accounting machines and similar equipment that are operator-paced are classified in industry 3574; electrical and electronic test equipment in industry 3825; industrial controls, including electronic, in industry 3622; and industrial process instruments in industry 3823.

3574 Calculating and Accounting Machines, Except Electronic Computing Equipment.—Establishments primarily engaged in manufacturing desk calculators, adding and accounting machines, cash registers, and similar equipment. Included are electronic calculating and accounting machines which, even when augmented by attachments or which include program control or have input/output capabilities, must be paced by operator intervention. Establishments primarily engaged in manufacturing electronic computing equipment are classified in industry 3573; typewriters in industry 3572; and office duplicating machines and devices, autographic registers, and other office machines in industry 3579.

3576 Scales and Balances, Except Laboratory.—Establishments primarily engaged in manufacturing weighing and force measuring machines and devices of all

types, except those regarded as scientific apparatus for laboratory and experimental work, which are classified in industry 3811.

3579 Typewriters and Office Machines, Not Elsewhere Classified.—(See 3572.)

358 REFRIGERATION AND SERVICE INDUSTRY MACHINERY

3581 Automatic Merchandising Machines.—Establishments primarily engaged in manufacturing automatic merchandising units, also referred to as vending machines (excluding music, amusement, or gaming machines), and coin-operated mechanisms for such machines.

3582 Commercial Laundry, Dry Cleaning, and Pressing Machines.—Establishments primarily engaged in manufacturing laundry and dry cleaning equipment and pressing machines for commercial and industrial use. Establishments primarily engaged in manufacturing household laundry equipment, including coin-operated washers and driers, are classified in industry 3633.

3585 Air-Conditioning and Warm-Air Heating Equipment and Commercial and Industrial Refrigeration Equipment.—Establishments primarily engaged in manufacturing refrigeration equipment and systems and similar equipment for commercial and industrial use; complete air-conditioning units for domestic, commercial, and industrial use; and warm-air furnaces, except electric. Establishments primarily engaged in manufacturing soda fountains and beer dispensing equipment and humidifiers and dehumidifiers, except for rooms, are also classified in this industry. Establishments primarily engaged in manufacturing household refrigerators and home and farm freezers are classified in industry 3632; electric air space heaters in industry 3634; and electric warm-air furnaces and other electric comfort heating equipment in industry 3699.

3586 Measuring and Dispensing Pumps.—Establishments primarily engaged in manufacturing measuring and dispensing pumps commonly used in service and filling stations for dispensing gasoline, oil, and grease, including grease guns. Establishments primarily engaged in manufacturing pumps and pumping equipment for general industrial use are classified in industry 3561.

3589 Service Industry Machines, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing machines and equipment, not elsewhere classified, for use in service industries, such as floor sanding machines, industrial vacuum cleaners, scrubbing machines, commercial cooking and food warming equipment, and commercial dishwashing machines. Establishments primarily engaged in manufacturing household electrical appliances are classified in group 363.

359 MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL

3592 Carburetors, Pistons, Piston Rings, and Valves.—Establishments primarily engaged in manufacturing carburetors, pistons, piston rings, and valves. Establishments primarily engaged in manufacturing metallic packing are classified in industry 3293; and those primarily engaged in manufacturing machine repair and equipment parts (except electric), on a job or order basis for others, are classified in industry 3599.

3599 Machinery, Except Electrical, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing machinery and parts except electrical, not elsewhere classified, such as amusement park equipment, pneumatic and hydraulic cylinders, and flexible metal hose and tubing. This industry also includes establishments primarily engaged in producing or repairing machine and equipment parts, not elsewhere classified, on a job or order basis for others.

36 ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT, AND SUPPLIES

This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. The manufacture of household appliances is included in this group, but industrial machinery and equipment powered by built-in or detachable electric motors is classified in SIC Major Group 35. Establishments primarily engaged in manufacturing instruments for indicating, measuring, and recording electrical quantities are classified in industry 3825.

361 ELECTRIC TRANSMISSION AND DISTRIBUTION EQUIPMENT

3612 Power, Distribution, and Specialty Transformers.—Establishments primarily engaged in manufacturing power, distribution, instrument, and specialty transformers. Establishments primarily engaged in manufacturing radio frequency or voice frequency transformers, coils, or chokes are classified in industry 3677, and resistance welder transformers in industry 3623.

3613 Switchgear and Switchboard Apparatus.—Establishments primarily engaged in manufacturing switchgear and switchboard apparatus. Important products of this industry include power switches, circuit breakers, power switching equipment, and similar switchgear for general industrial application; switchboards and cubicles, control and metering panels, power fuse mountings, and similar switchboard apparatus and supplies. Establishments primarily engaged in manufacturing industrial controls are classified in industry 3622, and those manufacturing current-carrying wiring devices in industry 3643.

362 ELECTRICAL INDUSTRIAL APPARATUS

3621 Motors and Generators.—Establishments primarily engaged in manufacturing electric motors (except starting motors) and power generators; motor generator sets; railway motors and control equipment; and motors, generators, and control equipment for gasoline, electric, and oil-electric buses and trucks. Establishments primarily engaged in manufacturing turbo-generators are classified in industry 3511, and starting motors and battery charging generators for internal combustion engines in industry 3694.

3622 Industrial Controls.—Establishments primarily engaged in manufacturing motor starters and controllers; control accessories, electronic controls, and other industrial controls. Establishments primarily engaged in manufacturing automatic temperature controls are classified in industry 3822, and industrial process instruments in industry 3823.

3623 Welding Apparatus, Electric.—Establishments primarily engaged in manufacturing electric welding apparatus and accessories. Establishments primarily engaged in coating welding wire from purchased wire or from wire drawn in the same establishment are also included. Establishments primarily engaged

APPENDIX B—Continued

in manufacturing gas welding apparatus are classified in industry 3549, and laser, electron beam, and ultrasonic welding machines and equipment in industry 3662.

3624 Carbon and Graphite Products.—Establishments primarily engaged in manufacturing lighting carbons; carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; and other carbon, graphite, and metal-graphite products.

3629 Electrical Industrial Apparatus, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial and commercial electric apparatus and equipment, not elsewhere classified, such as blasting machines, and fixed and variable capacitors, condensers, and rectifiers for industrial applications. Establishments primarily engaged in manufacturing condensers, capacitors, and rectifiers for electronic end products are classified in SIC group 367.

363 HOUSEHOLD APPLIANCES

3631 Household Cooking Equipment.—Establishments primarily engaged in manufacturing household cooking equipment, such as stoves, ranges, and ovens, including both electric and nonelectric types. Establishments primarily engaged in manufacturing household cooking appliances, such as hot plates, grills, percolators, and toasters, are classified in industry 3634. Establishments primarily engaged in manufacturing commercial cooking equipment are classified in industry 3589.

3632 Household Refrigerators and Home and Farm Freezers.—Establishments primarily engaged in manufacturing household refrigerators and home and farm freezers. Establishments primarily engaged in manufacturing commercial and industrial refrigeration equipment, packaged room coolers, and all refrigeration compressor and condenser units are classified in industry 3585, and room dehumidifiers are classified in industry 3634.

3633 Household Laundry Equipment.—Establishments primarily engaged in manufacturing laundry equipment, such as washing machines, wringers, driers, and ironers, for household use. This industry also includes coin-operated washers and driers. Establishments primarily engaged in manufacturing commercial laundry equipment are classified in industry 3582.

3634 Electric Housewares and Fans.—Establishments primarily engaged in manufacturing electric housewares for heating, cooking, and other purposes; and electric fans, including ventilating and exhaust household-type fans. Important products of this industry include electric air heaters, electrically heated bed coverings, blenders, broilers, deep-fat fryers, flat irons, food mixers, hot plates, percolators and coffeemakers, roasters, toasters, desk and bracket fans, hassock or floor fans, window-type propeller fans, roll-about fans and household and kitchen ventilating and exhaust fans. Establishments primarily engaged in manufacturing industrial and commercial blowers, industrial and commercial exhaust and ventilating fans, and attic fans are classified in industry 3564.

3635 Household Vacuum Cleaners.—Establishments primarily engaged in manufacturing vacuum cleaners for household use. Establishments primarily engaged in manufacturing vacuum cleaners for industrial use are classified in industry 3589, and built-in vacuum cleaner systems in industry 1796.

3636 Sewing Machines.—Establishments primarily engaged in manufacturing sewing machines for domestic and industrial use.

3639 Household Appliances, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing household appliances, not elsewhere classified, such as water heaters, dishwashers, and food waste disposal units.

364 ELECTRIC LIGHTING AND WIRING EQUIPMENT

3641 Electric Lamps.—Establishments primarily engaged in manufacturing electric bulbs, tubes, and related light sources. Important products of this industry include incandescent filament lamps, vapor and fluorescent lamps, photoflash and photoflood lamps, electrotherapeutic lamp units for ultra-violet and infra-red radiation, and other electric light sources. Establishments primarily engaged in manufacturing glass blanks for bulbs are classified in industry 3229; and lamp components, such as supports, filaments, lead-in wires, and cold cathode fluorescent lamp electrodes, in industry 3699.

3643 Current-Carrying Wiring Devices.—Establishments primarily engaged in manufacturing current-carrying wiring devices. Important products of this industry include attachment plugs and caps, convenience outlets, lamp sockets and receptacles, snap switches, conductor connectors, overhead trolley line material, rail bonds for both propulsion and signal circuits, lightning arrestors, and other lightning protective equipment.

3644 Noncurrent-Carrying Wiring Devices.—Establishments primarily engaged in manufacturing noncurrent-carrying wiring devices. Important products of this industry include conduits and fittings; electrical insulators and insulation materials, except porcelain insulators (industry 3264) and glass insulators (industry 3229); outlet, switch and fuse boxes; and pole line hardware.

3645 Residential Electric Lighting Fixtures.—Establishments primarily engaged in manufacturing residential electric lighting fixtures and equipment, fixed or portable. Establishments primarily engaged in producing glassware for lighting fixtures are classified in SIC Major Group 32; electric light bulbs, tubes, and related light sources in industry 3641; lampshades except glass and metal in industry 3999; and non-electric fixtures and portable electric flashlights, lanterns, and similar lamps in industry 3648.

3646 Commercial, Industrial, and Institutional Electric Lighting Fixtures.—Establishments primarily engaged in manufacturing commercial, industrial, and institutional electric lighting fixtures. Establishments primarily engaged in producing glassware for lighting fixtures are classified in SIC Major Group 32; residential lighting fixtures in industry 3645; and vehicular lighting fixtures in industry 3647.

3647 Vehicular Lighting Equipment.—Establishments primarily engaged in manufacturing vehicular lighting equipment.

3648 Lighting Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing lighting fixtures and equipment, electric and non-electric, not elsewhere classified, including flashlights and similar portable lamps, searchlights, ultraviolet lamp fixtures, and infra-red lamp fixtures. Establishments primarily engaged in manufacturing electric light bulbs, tubes, and related light sources are classified in industry 3641, and those producing glassware for lighting fixtures are classified in SIC Major Group 32.

365 RADIO AND TELEVISION RECEIVING EQUIPMENT, EXCEPT COMMUNICATION TYPES

3651 Radio and Television Receiving Sets, Except Communication Types.—Establishments primarily engaged in manufacturing electronic equipment for home entertainment, including auto radios and tape players. This industry also includes establishments primarily engaged in manufacturing public address systems and music distribution apparatus. Establishments primarily engaged in manufacturing phonograph records and prerecorded tape are classified in industry 3652. Establishments primarily engaged in manufacturing separate cabinets for home electronic equipment are classified in SIC Major Group 25.

3652 Phonograph Records and Prerecorded Magnetic Tape.—Establishments primarily engaged in manufacturing phonograph records and prerecorded magnetic tape. Establishments primarily engaged in manufacturing electronic equipment for home entertainment, except records and prerecorded magnetic tape, are classified in industry 3651.

366 COMMUNICATION EQUIPMENT

3661 Telephone and Telegraph Apparatus.—Establishments primarily engaged in manufacturing wire telephone and telegraph equipment and parts especially designed for telephone and telegraph use.

3662 Radio and Television Transmitting, Signaling, and Detection Equipment and Apparatus.—Establishments primarily engaged in manufacturing (1) radio and television broadcasting equipment; (2) electric communication equipment and parts, except telephone and telegraph; (3) electronic field detection apparatus, light and heat emission operating apparatus, object detection apparatus and navigational electronic equipment, and aircraft and missile control systems; (4) high-energy particle accelerator systems and equipment designed and sold as a complete package for radiation therapy, irradiation, radiographic inspection, and research (linear accelerators, betatrons, dynamotrons, Vandergraft generators, resonant transformers, insulating core transformers, etc.); (5) high-energy particle electronic equipment and accessories sold separately for the construction of linear accelerators, cyclotrons, synchrotrons, and other high-energy research installations (transmitters/modulators, accelerating wave-

guide structures, pulsed electron guns, vacuum systems, cooling systems, etc.); and (6) other electric and electronic communication and signaling products not elsewhere classified. Establishments primarily engaged in manufacturing transmitting tubes are classified in industry 3673.

367 ELECTRONIC COMPONENTS AND ACCESSORIES

3671 Radio and Television Receiving-Type Electron Tubes, Except Cathode Ray.—Establishments primarily engaged in manufacturing radio and television receiving-type electron tubes, except cathode ray tubes. Establishments primarily engaged in manufacturing television receiving-type cathode ray tubes are classified in industry 3672; transmitting tubes in industry 3673; and X-ray tubes in industry 3693.

3672 Cathode Ray Television Picture Tubes.—Establishments primarily engaged in manufacturing television receiving-type cathode ray tubes. Establishments primarily engaged in manufacturing other radio and television receiving-type electron tubes are classified in industry 3671; and transmitting tubes in industry 3673.

3673 Transmitting, Industrial, and Special Purpose Electron Tubes.—Establishments primarily engaged in manufacturing transmitting, industrial, and special purpose electron tubes. Establishments primarily engaged in manufacturing radio and television receiving tubes are classified in industry 3671; television receiving-type cathode ray tubes in industry 3672; and X-ray tubes in industry 3693.

3674 Semiconductors and Related Devices.—Establishments primarily engaged in manufacturing semiconductor and related solid state devices, such as semiconductor diodes and stacks, including rectifiers, integrated microcircuits (semiconductor networks), transistors, solar cells, and light sensing and emitting semiconductor (solid state) devices.

3675 Electronic Capacitors.—Establishments primarily engaged in manufacturing electronic capacitors.

3676 Resistors, for Electronic Applications.—Establishments primarily engaged in manufacturing resistors for electronic end products. Establishments primarily engaged in manufacturing resistors for telephone and telegraph apparatus are classified in industry 3661.

3677 Electronic Coils, Transformers, and Other Inductors.—Establishments primarily engaged in manufacturing electronic coils, transformers, and inductors. Establishments primarily engaged in manufacturing transformers and inductors for telephone and telegraph apparatus are classified in industry 3661; electric lamps in industry 3641; and semiconductor (solid state) and related devices in industry 3674.

3678 Connectors, for Electronic Applications.—Establishments primarily engaged in manufacturing electronic connectors. Establishments primarily engaged in manufacturing electronic capacitors are classified in industry 3675; and electronic coils, transformers, and other inductors in industry 3677.

3679 Electronic Components, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing electronic components, not elsewhere classified, such as receiving antennas, printed circuits, switches, and wave guides.

369 MISCELLANEOUS ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES

3691 Storage Batteries.—Establishments primarily engaged in manufacturing storage batteries.

3692 Primary Batteries, Dry and Wet.—Establishments primarily engaged in manufacturing primary batteries, dry or wet.

3693 Radiographic X-ray, Fluoroscopic X-ray, Therapeutic X-ray, and Other X-ray Apparatus and Tubes; Electromedical and Electrotherapeutic Apparatus.—Establishments primarily engaged in manufacturing radiographic X-ray, fluoroscopic X-ray, and therapeutic X-ray apparatus and tubes for medical, industrial, research and control applications. This industry also includes establishments primarily engaged in manufacturing electromedical and electrotherapeutic apparatus except electrotherapeutic lamp units for ultra-violet and infra-red radiation (industry 3641). Establishments primarily engaged in manufacturing radio receiving-type tubes are classified in industry 3671; television receiving cathode ray tubes in industry 3672; and transmitting tubes in industry 3673.

3694 Electrical Equipment for Internal Combustion Engines.—Establishments primarily engaged in manufacturing electrical equipment for internal combustion engines. Important products of this industry

include armatures, starting motors, alternators, and generators for automobiles and aircraft; and ignition apparatus for internal combustion engines, including spark plugs, magnetos, coils, and distributors.

- 3699 Electrical Machinery, Equipment, and Supplies, Not Elsewhere Classified.**—Establishments primarily in manufacturing electrical machinery, equipment, and supplies, not elsewhere classified, such as appliance and extension cords, bells and chimes, and insect traps.

37 TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, guided missiles and space vehicles, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and snowmobiles. Establishments primarily engaged in manufacturing mobile homes are classified in industry 2451.

371 MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT

- 3711 Motor Vehicles and Passenger Car Bodies.**—Establishments primarily engaged in manufacturing or assembling complete passenger automobiles, trucks, commercial cars and buses (except trackless trolleys—industry 3743), and special purpose motor vehicles. This industry also includes establishments primarily engaged in manufacturing chassis or passenger car bodies. Such establishments may also manufacture motor vehicle parts except chassis and passenger bodies are classified in industry 3714. Establishments primarily engaged in manufacturing truck and bus bodies and assembling them on purchased chassis are classified in industry 3713; motorcycles in industry 3751; wheel tractors, except contractors' off-highway types, in industry 3523; tracklaying and contractors' off-highway tractors in industry 3531; combat tanks in industry 3795; and stamped body parts for passenger cars in industry 3465.
- 3713 Truck and Bus Bodies.**—Establishments primarily engaged in manufacturing truck and bus bodies for

sale separately or for assembly on purchased chassis. Establishments primarily engaged in manufacturing complete trucks and buses are classified in industry 3711, stamped body parts for trucks and buses in industry 3465, and truck trailers and demountable cargo containers in industry 3715.

- 3714 Motor Vehicle Parts and Accessories.**—Establishments primarily engaged in manufacturing motor vehicle parts and accessories, but not engaged in manufacturing complete motor vehicles or passenger car bodies. Establishments primarily engaged in manufacturing or assembling complete automobiles and trucks are classified in industry 3711, tires and tubes in industry 3011, automobile glass in SIC Major Group 32, automobile stampings in industry 3465, ignition systems in industry 3694, storage batteries in industry 3691, and carburetors, pistons, rings, and valves in industry 3592.
- 3715 Truck Trailers.**—Establishments primarily engaged in manufacturing truck trailers, truck trailer chassis for sale separately, detachable trailer bodies (cargo containers) for sale separately, and detachable trailer (cargo container) chassis for sale separately.

372 AIRCRAFT AND PARTS

- 3721 Aircraft.**—Establishments primarily engaged in manufacturing or assembling complete aircraft. This industry also includes establishments primarily engaged in research and development on aircraft or in factory-type aircraft modification on a contract or fee basis. Establishments primarily engaged in manufacturing engines, propellers, and other aircraft parts and auxiliary equipment are classified in industries 3724 and 3728; and those producing guided missiles and space vehicles and parts are classified in SIC group 376.
- 3724 Aircraft Engines and Engine Parts.**—Establishments primarily engaged in manufacturing aircraft engines and engine parts. Research and development on aircraft engines is included in this industry. Establishments primarily engaged in manufacturing guided missile and space vehicle propulsion units and parts are classified in industry 3764.
- 3728 Aircraft Parts and Auxiliary Equipment, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing aircraft parts and auxiliary equip-

ment not elsewhere classified. Research and development on aircraft parts is included in this industry. Establishments primarily engaged in manufacturing or assembling complete aircraft are classified in industry 3721, aircraft engines and parts in industry 3724, aeronautical instruments in industry 3811, aeronautical electrical equipment in industry 3694, and guided missile and space vehicle parts and auxiliary equipment in industry 3769.

373 SHIP AND BOAT BUILDING AND REPAIRING

3731 Ship Building and Repairing.—Establishments primarily engaged in building and repairing all types of ships, barges, and lighters, whether propelled by sail or motor power or towed by other craft. This industry also includes the conversion and alteration of ships. Establishments primarily engaged in fabricating structural assemblies or components for ships, or subcontractors engaged in ship painting, joinery, carpentry work, electrical wiring installation, etc., are classified in other industries.

3732 Boat Building and Repairing.—Establishments primarily engaged in building and repairing all types of boats. Establishments primarily engaged in cleaning and storing boats and in the rental of dock space and yacht clubs are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing rubber and nonrigid plastic boats are classified in SIC Major Group 30.

374 RAILROAD EQUIPMENT

3743 Railroad Equipment.—Establishments primarily engaged in building and rebuilding locomotives (including frames and parts not elsewhere classified) of any type or gage; and railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service. This industry also includes establishments primarily engaged in manufacturing trackless trolley buses. Establishments primarily engaged in manufacturing mining cars are classified in industry 3532. Repair shops, owned and operated by railroads or local transit companies, rebuilding or repairing locomotives or cars, or building new locomotives or cars for their own account, are classified in SIC Major Groups 40 and 41.

375 MOTORCYCLES, BICYCLES, AND PARTS

3751 Motorcycles, Bicycles, and Parts.—Establishments primarily engaged in manufacturing motorcycles, bicycles, and similar equipment and parts. Establishments primarily engaged in assembling motorcycles or bicycles from purchased parts are also included in this industry. Establishments primarily engaged in manufacturing children's vehicles, except bicycles, are classified in industry 3944. Establishments primarily engaged in manufacturing golf carts and other similar personnel carriers are classified in industry 3799.

376 GUIDED MISSILES AND SPACE VEHICLES AND PARTS

3761 Guided Missiles and Space Vehicles.—Establishments primarily engaged in manufacturing complete guided missiles and space vehicles. Research and development and other services on or for guided missiles and space vehicles are included in this industry. Establishments primarily engaged in manufacturing guided missile and space vehicle propulsion units and propulsion unit parts are classified in industry 3764; space satellite and guided missile and space vehicle airborne and ground guidance, checkout, and launch electronic systems and components in industry 3662; and guided missile and space vehicle airframes, nose cones, and space capsules in industry 3769.

3764 Guided Missile and Space Vehicle Propulsion Units and Propulsion Unit Parts.—Establishments primarily engaged in manufacturing guided missile propulsion units and propulsion unit parts. Research and development on guided missile and space vehicle propulsion units and propulsion unit parts is also included in this industry.

3769 Guided Missile and Space Vehicle Parts and Auxiliary Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing guided missile and space vehicle parts and auxiliary equipment not elsewhere classified. Research and development on guided missile and space vehicle parts and auxiliary equipment, not elsewhere classified, is also included in this industry. Establishments primarily engaged in manufacturing navigational and guidance systems are classified in industry 3662.

379 MISCELLANEOUS TRANSPORTATION EQUIPMENT

3792 Travel Trailers and Campers.—Establishments primarily engaged in manufacturing travel trailers for attachment to passenger cars or other vehicles, pickup coaches (campers) or caps (covers) for mounting on pickup trucks and self-contained motor homes. Travel trailers are generally 35 feet long or less, 8 feet wide or less, and have storage facilities for water and waste. Establishments primarily engaged in manufacturing mobile homes are classified in industry 2451.

3795 Tanks and Tank Components.—Establishments primarily engaged in manufacturing or assembling complete tanks and specialized components for tanks. Establishments primarily engaged in manufacturing military vehicles other than tanks are classified in SIC group 371, and tank engines in industry 3519.

3799 Transportation Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing transportation equipment not elsewhere classified. Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers are classified in industry 3537, and children's vehicles except bicycles in industry 3944.

38 MEASURING, ANALYZING, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC, MEDICAL, AND OPTICAL GOODS; WATCHES AND CLOCKS

This major group includes establishments engaged in manufacturing instruments (including professional and scientific) for measuring, testing, analyzing, and controlling, and their associated sensors and accessories; optical instruments and lenses; surveying and drafting instruments; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks.

381 ENGINEERING, LABORATORY, SCIENTIFIC, AND RESEARCH INSTRUMENTS AND ASSOCIATED EQUIPMENT

3811 Engineering, Laboratory, Scientific, and Research Instruments and Associated Equipment.—Establishments primarily engaged in manufacturing engineering, laboratory, and scientific instruments, including nautical, navigational, aeronautical, surveying, and

drafting equipment and instruments for laboratory work and scientific research (except optical instruments—industry 3832). Establishments primarily engaged in manufacturing surgical and medical instruments are classified in industry 3841; dental instruments and equipment in industry 3843; measuring, analyzing, and controlling instruments, including instruments for measuring electrical quantities and characteristics, in SIC group 382; watches and clocks in industry 3873; machinists' precision measuring tools in industry 3545; and measuring and dispensing pumps in industry 3586.

382 MEASURING AND CONTROLLING INSTRUMENTS

3822 Automatic Controls for Regulating Residential and Commercial Environments and Appliances.—Establishments primarily engaged in manufacturing temperature and related controls for heating and air-conditioning installations and refrigeration applications, which are electrically, electronically, or pneumatically actuated, and which measure and control variables such as temperature and humidity; and automatic regulators used as components of household appliances. Establishments primarily engaged in manufacturing industrial process controls are classified in industry 3823; motor control switches in industry 3622, switches for household appliances in industry 3643, and appliance timers in industry 3873.

3823 Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products.—Establishments primarily engaged in manufacturing industrial instruments and related products for measuring, displaying (indicating and/or recording), transmitting, and controlling process variables in manufacturing, energy conversion, and public service utilities. These instruments operate mechanically, pneumatically, electronically, or electrically to measure process variables such as temperature, humidity, pressure, vacuum, combustion, flow, level, viscosity, density, acidity, alkalinity, specific gravity, gas and liquid concentration, sequence, time interval, mechanical motion, and rotation. Establishments primarily engaged in manufacturing electrical integrating meters are classified in industry 3825; residential and commercial comfort controls in industry 3822; all liquid-in-glass and bimetal thermometers and glass hydrometers in industry 3829; recorder charts in SIC group 275, and optical instruments in industry 3832.

APPENDIX B—Continued

3824 Totalizing Fluid Meters and Counting Devices.—

Establishments primarily engaged in manufacturing totalizing (registering) meters, monitoring fluid flows, such as watermeters and gasmeters; and producers of mechanical and electromechanical counters and associated metering devices. Establishments primarily engaged in manufacturing electricity integrating meters and electronic frequency counters are classified in industry 3825; and industrial process instruments in industry 3823.

3825 Instruments for Measuring and Testing of Electricity and Electrical Signals.—

Establishments primarily engaged in manufacturing instruments for measuring the characteristics of electricity and electrical signals, such as voltmeters, ammeters, watt-meters, watt-hour meters, demand meters, and equipment for testing the electrical characteristics of electrical, radio, and communication circuits and of internal combustion engines. Establishments primarily engaged in the manufacturing of electronic check-out, monitoring, evaluating, and other electronic support equipment for electronic navigational, radar, sonar, and other communications systems are classified in industry 3662.

3829 Measuring and Controlling Devices, Not Elsewhere Classified.—

Establishments primarily engaged in manufacturing measuring and controlling devices, not elsewhere classified, including testing instruments to determine the physical properties of materials, nuclear instruments, aircraft engine instruments, and liquid-in-glass and bimetal thermometers.

383 OPTICAL INSTRUMENTS AND LENSES

3832 Optical Instruments and Lenses.—

Establishments primarily engaged in manufacturing instruments that measure an optical property; apparatus, except photographic, that projects or magnifies, such as binoculars, prisms, and lenses; optical sighting and fire control equipment; and related analytical instruments. Establishments primarily engaged in manufacturing eyeglass lenses, frames, or fittings are classified in industry 3851; separate computers in industry 3573; and electronic tracking and fire control systems in industry 3662.

384 SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS AND SUPPLIES

3841 Surgical and Medical Instruments and Apparatus.—

Establishments primarily engaged in manufacturing

medical, surgical, ophthalmic, and veterinary instruments and apparatus. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in industry 3842; and electrotherapeutic, electromedical, and X-ray apparatus in industry 3693.

3842 Orthopedic, Prosthetic, and Surgical Appliances and Supplies.—

Establishments primarily engaged in manufacturing orthopedic, prosthetic, and surgical appliances and supplies, arch supports, and other foot appliances; fracture appliances, elastic hosiery, abdominal supporters, braces, and trusses; bandages; surgical gauze and dressings; sutures; adhesive tapes and medicated plasters; and personal safety appliances and equipment. Establishments primarily engaged in manufacturing surgical and medical instruments are classified in industry 3841. Establishments primarily engaged in manufacturing appliances and in the personal fitting to the individual prescription of a physician are classified in trade industries.

3843 Dental Equipment and Supplies.—

Establishments primarily engaged in manufacturing artificial teeth, dental metals, alloys and amalgams, and a wide variety of equipment, instruments, and supplies used by dentists, dental laboratories, and dental colleges. Dental laboratories constructing artificial dentures, bridges, inlays, and other dental restorations on specifications from dentists are classified in industry 8072.

385 OPHTHALMIC GOODS

3851 Ophthalmic Goods.—

Establishments primarily engaged in manufacturing ophthalmic frames, lenses, and sunglass lenses. Establishments primarily engaged in manufacturing slit lamps are classified in industry 3841, and molded glass blanks in industry 3229. Establishments primarily engaged in grinding lenses and fitting glasses to prescription are classified in trade.

386 PHOTOGRAPHIC EQUIPMENT AND SUPPLIES

3861 Photographic Equipment and Supplies.—

Establishments primarily engaged in manufacturing (1) photographic apparatus, equipment, parts, attachments, and accessories, such as still and motion

picture cameras and projection apparatus; photocopy and microfilm equipment; blueprinting and diazotype (white printing) apparatus and equipment; and other photographic equipment; and (2) sensitized film, paper, cloth, plates, and prepared photographic chemicals for use therewith. Establishments primarily engaged in manufacturing photographic paper stock (unsensitized), and paper mats, mounts, easels, and folders for photographic use are classified in SIC Major Group 26; photographic lenses in industry 3832; photographic glass in SIC Major Group 32; chemicals for technical purposes, not specifically prepared and packaged for use in photography, in SIC Major Group 28; and photographic flash, flood enlarger, and projection lamps in industry 3641.

387 WATCHES, CLOCKS, CLOCKWORK OPERATED DEVICES, AND PARTS

3873 Watches, Clocks, Clockwork Operated Devices, and Parts.—Establishments primarily engaged in manufacturing clocks (including electric), watches, watchcases, mechanisms for clockwork operated devices, and clock and watch parts. This industry includes establishments primarily engaged in assembling clocks and watches from purchased movements and cases. Establishments primarily engaged in manufacturing time clocks are classified in industry 3579, glass crystals in industry 3231, and unbreakable crystals in industry 3079.

39 MISCELLANEOUS MANUFACTURING INDUSTRIES

This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing group. Industries in this group fall into the following categories: Jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; caskets; and other miscellaneous manufacturing industries.

391 JEWELRY, SILVERWARE, AND PLATED WARE

3911 Jewelry, Precious Metal.—Establishments primarily engaged in manufacturing jewelry and other articles

worn on or carried about the person, made of precious metals with or without stones (including the setting of stones where used), including cigarette cases and lighters, vanity cases and compacts; trimmings for umbrellas and canes; and jewel settings and mountings. Establishments primarily engaged in manufacturing costume jewelry from nonprecious metals and other materials are classified in industry 3961.

3914 Silverware, Plated Ware, and Stainless Steel Ware.—Establishments primarily engaged in manufacturing flatware (including knives, forks, and spoons), hollowware, toiletware, ecclesiastical ware, and related products made of sterling silver; of metal plated with silver, gold, or other metal; of nickel silver; of pewter; or of stainless steel.

3915 Jewelers' Findings and Materials and Lapidary Work.—Establishments primarily engaged in manufacturing unassembled jewelry parts, and stock shop products such as sheet, wire, and tubing; and establishments of lapidaries primarily engaged in cutting, slabbing, tumbling, carving, engraving, polishing, or faceting stones from natural or manmade precious or semiprecious gem raw materials, either for sale or on a contract basis for the trade; in recutting, repolishing, and setting gem stones; or in cutting, drilling, and otherwise preparing jewels for instruments, dies, watches, chronometers, and other industrial uses. This industry includes the drilling, sawing, and peeling of real or cultured pearls, but does not include the manufacture of artificial pearls (industry 3961).

393 MUSICAL INSTRUMENTS

3931 Musical Instruments.—Establishments primarily engaged in manufacturing pianos, with or without player attachments; organs; other musical instruments; and parts and accessories for musical instruments.

394 TOYS AND AMUSEMENT, SPORTING, AND ATHLETIC GOODS

3942 Dolls.—Establishments primarily engaged in manufacturing dolls, doll parts, and doll clothing. Establishments primarily engaged in manufacturing stuffed toy animals are also included in this industry.

APPENDIX B—Continued

3944 Games, Toys, and Children's Vehicles; Except Dolls and Bicycles.—Establishments primarily engaged in manufacturing games and game sets for adults and children, and mechanical and nonmechanical toys. Important products of this industry include games such as chess, checkers, dominoes, puzzles, and other indoor games; and toys, such as toy furniture, doll carriages and carts, construction sets, mechanical trains, toy guns and air rifles, and other mechanical games and toys; baby carriages and strollers; children's velocipedes and tricycles, coaster wagons, play cars, sleds, and other children's outdoor wheel goods and vehicles, except bicycles (industry 3751). Establishments primarily engaged in manufacturing dolls are classified in industry 3942; and sporting and athletic goods for children and adults in industry 3949.

3949 Sporting and Athletic Goods, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing sporting and athletic goods, not elsewhere classified, such as fishing tackle; golf and tennis goods; baseball, football, basketball, and boxing equipment; roller skates and ice skates; gymnasium and playground equipment; billiard and pool tables; and bowling alleys and equipment. Establishments primarily engaged in manufacturing athletic apparel are classified in SIC Major Group 23, small arms ammunition in industry 3482, and firearms in industry 3484.

395 PENS, PENCILS, AND OTHER OFFICE AND ARTISTS' MATERIALS

3951 Pens, Mechanical Pencils, and Parts.—Establishments primarily engaged in manufacturing pens, pen points, fountain pens, ballpoint pens, refill cartridges, porous-tipped felt tip markers, and parts.

3952 Lead Pencils, Crayons, and Artists' Materials.—Establishments primarily engaged in manufacturing lead pencils, pencil leads, and crayons; and materials and equipment for artwork, such as airbrushes, drawing tables and boards, palettes, sketch boxes, pantographs, artists' colors and waxes, pyrography goods, drawing inks, and drafting materials. Establishments primarily engaged in manufacturing mechanical pencils are classified in industry 3951, and drafting instruments in industry 3811.

3953 Marking Devices.—Establishments primarily engaged in manufacturing rubber and metal hand stamps,

dies, and seals; steel letters and figures; and stencils for use in painting or marking. Establishments primarily engaged in manufacturing felt tip markers are classified in industry 3951.

3955 Carbon Paper and Inked Ribbons.—Establishments primarily engaged in manufacturing carbon paper for business machines, sales books, etc.; spirit or gelatin process and other stencil paper; and inked or carbon ribbons for business machines.

396 COSTUME JEWELRY, COSTUME NOVELTIES, BUTTONS, AND MISCELLANEOUS NOTIONS, EXCEPT PRECIOUS METAL

3961 Costume Jewelry and Costume Novelties, Except Precious Metal.—Establishments primarily engaged in manufacturing costume jewelry, costume novelties, and ornaments made of all materials, except precious metal, precious or semiprecious stones, and rolled gold plate and gold filled materials (industry 3911).

3962 Feathers, Plumes, and Artificial Trees and Flowers.—Establishments primarily engaged in manufacturing artificial trees (including Christmas trees), flowers, fruits, and foliage made from all materials except glass; in producing fancy feathers, plumes, and articles made principally of feathers and plumes. Establishments primarily engaged in manufacturing artificial flowers, fruits, and foliage from glass are classified in industry 3231.

3963 Buttons.—Establishments primarily engaged in manufacturing buttons, button parts, and button blanks and molds, of all materials except precious metal and precious or semiprecious stones (industry 3911).

3964 Needles, Pins, Hooks and Eyes, and Similar Notions.—Establishments primarily engaged in manufacturing notions, such as machine and hand needles, pins, hooks and eyes, eyelets, buckles, and slide and snap fasteners.

399 MISCELLANEOUS MANUFACTURING INDUSTRIES

3991 Brooms and Brushes.—Establishments primarily engaged in manufacturing household, industrial, and street sweeping brooms; and brushes, such as paintbrushes, toothbrushes, toilet brushes, and household and industrial brushes.

APPENDIX B—Continued

- 3993 Signs and Advertising Displays.**—Establishments primarily engaged in manufacturing electrical, mechanical, cutout, or plate signs and advertising displays, including neon signs and advertising novelties. Sign painting shops doing business on a custom basis are classified in industry 7399. Establishments primarily engaged in manufacturing electric signal equipment are classified in industry 3662, and commercial lighting fixtures in industry 3646.
- 3995 Burial Caskets.**—Establishments primarily engaged in manufacturing burial caskets and cases including shipping cases of wood or other material except concrete. Establishments primarily engaged in producing other goods for use by morticians are classified on the basis of the product, such as burial garments in SIC Major Group 23.
- 3996 Linoleum, Asphalted-Felt-Base, and Other Hard-Surface Floor Coverings, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing linoleum, asphalted-felt-base, and other hard-surface floor coverings not elsewhere classified. Establishments primarily engaged in manufacturing rubber floor coverings are classified in industry 3069, and cork floor and wall tile in industry 2499.
- 3999 Manufacturing Industries, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing miscellaneous fabricated products, including beauty shop and barbershop equipment; hairwork; tobacco pipes and cigarette holders; coin-operated amusement machines; matches; candles; lampshades; dressed and dyed furs; umbrellas; parasols and canes; and other articles not elsewhere classified.

APPENDIX C. Composition of Industries in the 1972 Standard Industrial Classification

The censuses of manufactures for 1972 and 1967 covered all establishments engaged in manufacture as defined, respectively, in the **Standard Industrial Classification Manual (SIC)**, 1972 edition, issued by the Office of Management and Budget. The 1972 edition contained major revisions in the SIC Manual for the manufacturing industries additional to those issued between 1957 and 1967.

For 1972, of the 422 manufacturing industries as defined in 1967, 121 were changed in some manner in 1972. This

appendix cites only those industries affected by a revision between 1967 and 1972. Presented in two parts, this appendix lists, in part 1A, the industries as defined for 1972 in terms of their 1967 equivalents and, in part 2A, the industries of 1967 in terms of their 1972 equivalents. The distribution of the 1972 SIC industries among the 1967 SIC industries is shown in part 1B. The distribution of the 1967 SIC industries among the 1972 SIC industries is shown in part 2B.

PART 1A. Comparability of 1972 SIC Industries to 1967 SIC Industries, Where Revisions Occurred to 1967 Industries

1972 industry		1967 industry	
SIC code	Short title	SIC code	Short title
2011	Meatpacking plants (excludes slaughter of nonfood animals; excludes canned baby food meats)	2011 pt.	Meatpacking plants.
2013	Sausages and other prepared meats (excludes canned baby food meats)	2013 pt.	Sausages and other prepared meats.
2016	Poultry dressing plants	2015	Poultry dressing plants.
2017	Poultry and egg processing		
2032	Canned specialties:		
	Baby food meats	2011 pt.	Meatpacking plants.
	Except baby food meats	2013	Sausage and other prepared meats.
2037	Frozen fruits and vegetables	2032	Canned specialties.
2038	Frozen specialties	2037	Frozen fruits and vegetables.
2047	Dog, cat, and other pet food:		
	From nonfood animals slaughtered in the same plant	2011 pt.	Meatpacking plants.
	Other	2042 pt.	Prepared feeds for animals and fowls.
2048	Prepared feeds, n.e.c. (excludes pet food)	2042 pt.	Prepared feeds for animals and fowls.
2065	Confectionery products ¹	2071	Confectionery products.
2066	Chocolate and cocoa products ¹	2072	Chocolate and cocoa products.
2067	Chewing gum	2073	Chewing gum.
2074	Cottonseed oil mills ¹	2091	Cottonseed oil mills.
2075	Soybean oil mills ¹	2092	Soybean oil mills.
2076	Vegetable oil mills, n.e.c. ¹	2093	Vegetable oil mills, n.e.c.

See footnotes at end of table.

APPENDIX C—Continued

PART 1A. Comparability of 1972 SIC Industries to 1967 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1972 industry		1967 industry	
SIC code	Short title	SIC code	Short title
2077	Animal and marine fats and oils ¹	2094	Animal and marine fats and oils.
2079	Shortening and cooking oils ¹	2096	Shortening and cooking oils.
2091	Canned and cured seafoods ¹	2031	Canned and cured seafoods.
2092	Fresh or frozen packaged fish ¹	2036	Fresh or frozen packaged fish.
2257	Circular knit fabric mills	2256	Knit fabric mills.
2258	Warp knit fabric mills		
2297	Nonwoven fabrics	2299 pt.	Textile goods, n.e.c.
2299	Textile goods, n.e.c.:		
	Scouring and combing	2297	Scouring and combing plants.
	Except nonwoven fabrics	2299 pt.	Textile goods, n.e.c.
2426	Hardwood dimension and flooring:		
	Except wood furniture frames	2426	Hardwood dimension and flooring.
	Wood furniture frames	2512 pt.	Upholstered household furniture.
2431	Millwork (excludes kitchen cabinets to be built-in)	2431 pt.	Millwork.
2434	Wood kitchen cabinets:		
	To be built-in	2431 pt.	Millwork.
	Other	2511 pt.	Wood household furniture.
2435	Hardwood veneer and plywood	2432	Veneer and plywood.
2436	Softwood veneer and plywood		
2439	Structural wood members, n.e.c.	2433 pt.	Prefabricated wood structures.
2448	Wood pallets and skids	2499 pt.	Wood products, n.e.c.
2449	Wood containers, n.e.c.	2442	Wirebound boxes and crates.
		2443	Veneer and plywood containers.
		2445	Cooperage.
2451	Mobile homes	3791 pt.	Trailer coaches.
2452	Prefabricated wood buildings	2433 pt.	Prefabricated wood structures.
2492	Particleboard	2499 pt.	Wood products, n.e.c.
2499	Wood products, n.e.c. (excludes pallets, skids, and particleboard)		
2511	Wood household furniture (excludes television, radio, phonograph and sewing machine cabinets and kitchen cabinets)	2511 pt.	Wood household furniture.
2512	Upholstered household furniture (excludes wood furniture frames)	2512 pt.	Upholstered household furniture.
2517	Wood TV and radio cabinets	2511 pt.	Wood household furniture.
2648	Stationery products	2649 pt.	Converted paper products, n.e.c.

See footnotes at end of table.

APPENDIX C—Continued

PART 1A. Comparability of 1972 SIC Industries to 1967 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1972 industry		1967 industry	
SIC code	Short title	SIC code	Short title
2649	Converted paper products, n.e.c.:		
	Wallpaper	2644	Wallpaper.
	Other (excludes stationery and related items) . . .	2649 pt.	Converted paper products, n.e.c.
2751	Commercial printing, letterpress	2751 pt.	Commercial printing, except lithographic.
2752	Commercial printing, lithographic (excludes lithographic plates)	2752 pt.	Commercial printing, lithographic.
2754	Commercial printing, gravure	2751 pt.	Commercial printing, except lithographic.
2795	Lithographic platemaking services	2752 pt.	Commercial printing, lithographic.
2819	Industrial inorganic chemicals, n.e.c.:		
	Sulfur extracted from sour gas	1311 pt.	Crude petroleum and natural gas.
	Industrial inorganic chemicals (excludes phosphoric acid and diammonium phosphate; household bleaches; nitric acid; anhydrous ammonia and other nitrogenous fertilizer materials)	2819 pt.	Industrial inorganic chemicals, n.e.c.
2821	Plastics materials and resins (excludes adhesives; custom compounding of resins; and sheets, rods, and similar basic forms)	2821 pt.	Plastics materials and resins.
2842	Polishes and sanitation goods:		
	Household bleaches	2819 pt.	Industrial inorganic chemicals, n.e.c.
	Except household bleaches (excludes pesticidal preparations)	2842 pt.	Polishes and sanitation goods.
2851	Paints and allied products (excludes calking compounds)	2851 pt.	Paints and allied products.
2865	Cyclic crudes and intermediates ¹	2815	Cyclic intermediates and crudes.
2869	Industrial organic chemicals, n.e.c. (excludes urea)	2818 pt.	Industrial organic chemicals, n.e.c.
2873	Nitrogenous fertilizers:		
	Urea	2818 pt.	Industrial organic chemicals, n.e.c.
	Anhydrous ammonia, nitric acid, and other nitrogenous fertilizer materials	2819 pt.	Industrial inorganic chemicals, n.e.c.
	Natural organic fertilizers except compost	2871 pt.	Fertilizers.
2874	Phosphatic fertilizers:		
	Phosphoric acid and diammonium phosphate . . .	2819 pt.	Industrial inorganic chemicals, n.e.c.
	Except phosphoric acid, etc	2871 pt.	Fertilizers.
2875	Fertilizers, mixing only ¹	2872	Fertilizers, mixing only.

See footnotes at end of table.

APPENDIX C--Continued

PART 1A. Comparability of 1972 SIC Industries to 1967 SIC Industries, Where Revisions Occurred to 1967 Industries--Continued

1972 industry		1967 industry	
SIC code	Short title	SIC code	Short title
2879	Agricultural chemicals, n.e.c.:		
	Household pesticidal preparations	2842 pt.	Polishes and sanitation goods.
	Except household pesticidal preparations	2879	Agricultural chemicals, n.e.c.
2891	Adhesives and sealants:		
	Adhesives from plastics resins produced in the same establishment	2821 pt.	Plastics materials and resins.
	Calking compounds	2851 pt.	Paints and allied products.
	Adhesives	2891 pt.	Adhesives and gelatin.
	Sealants, n.e.c.	2899 pt.	Chemical preparations, n.e.c.
	Linoleum and tile cement	2952 pt.	Asphalt felts and coatings.
	Rubber cement	3069 pt.	Fabricated rubber products, n.e.c.
2899	Chemical preparations, n.e.c.:		
	Gelatin and sizes	2891 pt.	Adhesives and gelatin.
	Except gelatin and sizes (excludes sealants)	2899 pt.	Chemical preparations, n.e.c.
2911	Petroleum refining (excludes rerefining of oils and greases)	2911 pt.	Petroleum refining.
2952	Asphalt felts and coatings (excludes linoleum and tile cement)	2952 pt.	Asphalt felts and coatings.
2992	Lubricating oils and greases:		
	Rerefining of oils and greases	2911 pt.	Petroleum refining.
	Other	2992	Lubricating oils and greases.
3021	Rubber and plastics footwear:		
	Rubber	3021	Rubber footwear.
	Plastics	3079 pt.	Miscellaneous plastics products.
3041	Rubber and plastics hose and belting:		
	Rubber	3069 pt.	Fabricated rubber products, n.e.c.
	Plastics	3079 pt.	Miscellaneous plastics products.
3069	Fabricated rubber products, n.e.c. (excludes rubber cement, rubber packing and rubber hose and belting)	3069 pt.	Fabricated rubber products, n.e.c.
3079	Miscellaneous plastics products:		
	Rod, sheet, etc., from resins produced in the same plant; custom compounding of purchased resins; regenerated cellulosic products, except rayon	2821 pt.	Plastics materials and resins.
	Miscellaneous plastics products (excludes plastics footwear and plastics hose and belting)	3079 pt.	Miscellaneous plastics products.

See footnotes at end of table.

APPENDIX C—Continued

PART 1A. Comparability of 1972 SIC Industries to 1967 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1972 industry		1967 industry	
SIC code	Short title	SIC code	Short title
3143	Men's footwear, except athletic	3141	Shoes, except rubber.
3144	Women's footwear, except athletic		
3149	Footwear, except rubber, n.e.c.		
3199	Leather goods, n.e.c.:		
	Belting (excludes leather packing)	3121 pt.	Industrial leather belting.
	Except belting	3199	Leather goods, n.e.c.
3292	Asbestos products:		
	Asbestos products	3292	Asbestos products.
	Asbestos insulation	3293 pt.	Gaskets and insulations.
3293	Gaskets, packing and sealing devices:		
	Rubber packing	3069 pt.	Fabricated rubber products, n.e.c.
	Leather packing	3121 pt.	Industrial leather belting.
	Gaskets, all materials, and packing, n.e.c.	3293 pt.	Gaskets and insulations.
	Metal packing	3599 pt.	Miscellaneous machinery, except electrical.
3295	Minerals, ground or treated ²	3295	Minerals, ground or treated.
3324	Steel investment foundries	3323	Steel foundries.
3325	Steel foundries, n.e.c.		
3353	Aluminum sheet, plate, and foil		
3354	Aluminum extruded products	3352	Aluminum rolling and drawing.
3355	Aluminum rolling and drawing, n.e.c.		
3398	Metal heat treating	3399	Primary metal products, n.e.c.
3399	Primarily metal products, n.e.c.		
3412	Metal barrels, drums, and pails ¹	3491	Metal barrels, drums, and pails.
3433	Heating equipment, except electric (excludes warm air furnaces)	3433 pt.	Heating equipment, except electric.
3448	Prefabricated metal buildings	3449	Miscellaneous metalwork.
3449	Miscellaneous metalwork		
3462	Iron and steel forgings ¹	3391	Iron and steel forgings.
3463	Nonferrous forgings ¹	3392	Nonferrous forgings.
3465	Automotive stampings	3461	Metal stampings.
3466	Crowns and closures		
3469	Metal stampings, n.e.c.		
3482	Small arms ammunition ¹	1961	Small arms ammunition.
3483	Ammunition, except for small arms, n.e.c. ¹	1929	Ammunition, except for small arms, n.e.c.
3484	Small arms ¹	1951	Small arms.
3489	Ordnance and accessories, n.e.c.	1911	Guns, howitzers, and mortars.
		1999	Ordnance and accessories, n.e.c.

See footnotes at end of table.

APPENDIX C—Continued

PART 1A. Comparability of 1972 SIC Industries to 1967 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1972 industry		1967 industry	
SIC code	Short title	SIC code	Short title
3495	Wire springs	3481	Miscellaneous fabricated wire products.
3496	Miscellaneous fabricated wire products		
3499	Fabricated metal products, n.e.c.	3492	Safes and vaults.
		3496	Collapsible tubes.
		3499	Fabricated metal products, n.e.c.
3523	Farm machinery and equipment: Except garden tractors and lawn and garden equipment	3522 pt.	Farm machinery.
	Farm trailers and wagons	3799 pt.	Transportation equipment, n.e.c.
3524	Lawn and garden equipment	3522 pt.	Farm machinery.
3531	Construction machinery: Except well point systems	3531	Construction machinery.
	Well point systems		
3533	Oilfield machinery (excludes well point systems)	3533 pt.	Oilfield machinery.
3536	Hoists, cranes, and monorails: Except automatic stacking machines	3536	Hoists, cranes, and monorails.
	Automatic stacking machines		
3537	Industrial trucks and tractors (excludes auto- matic stacking machines)	3537 pt.	Industrial trucks and tractors.
3541	Machine tools, metal cutting types: Machine tools	3541	Machine tools, metal cutting types.
	Auto maintenance equipment, metal cutting types	3548 pt.	Metalworking machinery, n.e.c.
3546	Power driven handtools	3548 pt.	Metalworking machinery, n.e.c.
3547	Rolling mill machinery		
3549	Metalworking machinery, n.e.c. (excludes auto maintenance equipment, metal cutting types)		
3561	Pumps and pumping equipment	3561 pt.	Pumps and compressors.
3562	Ball and roller bearings: Bearings and parts	3562	Ball and roller bearings.
	Mounted bearings	3566 pt.	Power transmission equipment.
3563	Air and gas compressors	3561 pt.	Pumps and compressors.
3566	Speed changers, drives, and gears	3566 pt.	Power transmission equipment.
3568	Power transmission equipment, n.e.c. (excludes mounted ball and roller bearings)		

See footnotes at end of table.

APPENDIX C—Continued

PART 1A. Comparability of 1972 SIC Industries to 1967 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1972 industry		1967 industry	
SIC code	Short title	SIC code	Short title
3574	Calculating and accounting machines (excludes voting machines and ticket counting machines) . . .	3574 pt.	Calculating and accounting machines.
3579	Office machines, n.e.c.: Voting machines and ticket counting machines . .	3574 pt.	Calculating and accounting machines.
	Except voting machines and ticket counting machines	3579	Office machines, n.e.c.
3582	Commercial laundry equipment (excludes coin-operated washers and dryers)	3582 pt.	Commercial laundry equipment.
3585	Refrigeration and heating equipment: Warm air heating equipment	3433 pt.	Heating equipment, except electric.
	Except warm air heating equipment	3585	Refrigeration machinery.
3592	Carburetors, pistons, rings, valves	3599 pt.	Miscellaneous machinery, except electrical.
3599	Machinery, except electrical, n.e.c. (excludes packing, carburetors, pistons, rings, and valves) . .		
3612	Transformers: Instrument transformers	3611 pt.	Electric measuring instruments.
	Except instrument transformers	3612	Transformers.
3633	Household laundry equipment: Coin-operated washers and dryers	3582 pt.	Commercial laundry equipment.
	Except coin-operated washers, etc.	3633	Household laundry equipment.
3645	Residential lighting fixtures	3642	Lighting fixtures.
3646	Commercial lighting fixtures		
3647	Vehicular lighting equipment		
3648	Lighting equipment, n.e.c.		
3662	Radio and TV communication equipment: Sighting and fire control equipment, electronic . .	1941 pt.	Sighting and fire control equipment.
	Except sighting and fire control equipment, electronic	3662	Radio and TV communication equipment.
3675	Electronic capacitors	3679	Electronic components, n.e.c.
3676	Electronic resistors		
3677	Electronic coils and transformers		
3678	Electronic connectors		
3679	Electronic components, n.e.c.	3711	Motor vehicles.
3711	Motor vehicles and car bodies		Passenger car bodies.
		3712	
3713	Truck and bus bodies (excludes demountable cargo containers)	3713 pt.	Truck and bus bodies.

See footnotes at end of table.

APPENDIX C—Continued

PART 1A. Comparability of 1972 SIC Industries to 1967 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1972 industry		1967 industry	
SIC code	Short title	SIC code	Short title
3715	Truck trailers:		
	Demountable cargo containers	3713 pt.	Truck and bus bodies.
	Truck trailers	3715	Truck trailers.
3724	Aircraft engines and engine parts	3722 pt.	Aircraft engines and engine parts.
3728	Aircraft equipment, n.e.c.:		
	Propellers and parts	3723	Aircraft propellers and parts.
	Except propellers and parts (excludes space vehicle equipment)	3729 pt.	Aircraft equipment, n.e.c.
3743	Railroad equipment	{ 3741	Locomotives and parts.
		3742	Railroad and street cars.
3751	Motorcycles, bicycles, and parts (excludes golf carts and other similar personnel carriers)	3751 pt.	Motorcycles, bicycles, and parts.
3761	Guided missiles and space vehicles ¹	1925	Complete guided missiles.
3764	Space propulsion units and parts	3722 pt.	Aircraft engines and engine parts.
3769	Space vehicle equipment, n.e.c.	3729 pt.	Aircraft equipment, n.e.c.
3792	Travel trailers and campers:		
	Except folding tent trailers (excludes mobile homes)	3791 pt.	Trailer coaches.
	Folding tent trailers	3799 pt.	Transportation equipment, n.e.c.
3795	Tanks and tank components ²	1931	Tanks and tank components.
3799	Transportation equipment, n.e.c.:		
	Golf carts and other similar personnel carriers	3751 pt.	Motorcycles, bicycles, and parts.
	Transportation equipment, n.e.c. (excludes farm trailers and wagons and folding tent trailers)	3799 pt.	Transportation equipment, n.e.c.
3823	Process control instruments	3821 pt.	Mechanical measuring devices.
3824	Fluid meters and counting devices		
3825	Instruments to measure electricity (excludes instrument transformers)	3611 pt.	Electric measuring instruments.
3829	Measuring and controlling devices, n.e.c.	3821 pt.	Mechanical measuring devices.
3832	Optical instruments and lenses:		
	Made from purchased lenses (excludes electronic sighting and fire control equipment)	1941 pt.	Sighting and fire control equipment.
	From lenses made in the same plant	3831	Optical instruments and lenses.
3873	Watches, clocks, and watchcases	{ 3871	Watches and clocks.
		3872	Watchcases.

See footnotes at end of table.

APPENDIX C—Continued

PART 1A. Comparability of 1972 SIC Industries to 1967 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1972 industry		1967 industry	
SIC code	Short title	SIC code	Short title
3915	Jewelers' materials and lapidary work	{ 3912 3913	Jewelers' findings and materials. Lapidary work.
3944	Games, toys, and children's vehicles	{ 3941 3943	Games and toys. Children's vehicles, except bicycles.
3951	Pens and mechanical pencils:		
	Except felt tip markers	3951	Pens and mechanical pencils.
	Felt tip markers	3953 pt.	Marking devices.
3953	Marking devices (excludes felt tip markers)	3953 pt.	Marking devices.
3995	Burial caskets (excludes other items such as clothing, embalming fluid, and various items of equipment which are classified with similar products)	3994 pt.	Morticians' goods.

¹ No change in content.

² The classification of separate establishments milling or otherwise preparing nonmetallic minerals in this division and in industry 3295 has been clarified. Industry 3295 will include only establishments crushing or grinding or otherwise preparing minerals mined in industry groups 145 and 149, and industry 1472. Establishments crushing or grinding minerals mined in industry groups 142 and 144 and industries 1473 to 1479 are included in those same industries.

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
New SIC	Old SIC		Total	With 20 employees or more		
			(number)	(number)	(1,000)	(million dollars)
2011	----	Meatpacking plants.....	2,474	863	157.5	2,968.1
2011	2011	Meatpacking plants.....	2,467	858	156.4	2,948.4
2013	2013	Sausages and other prepared meats.....	7	5	1.1	19.7
2013	----	Sausages and other prepared meats.....	1,311	557	58.1	1,099.9
2011	2011	Meatpacking plants.....	5	5	.7	14.5
2013	2013	Sausages and other prepared meats.....	1,306	552	57.4	1,085.4
2016	----	Poultry dressing plants.....	522	369	77.6	724.4
2015	2015	Poultry dressing plants.....	522	369	77.6	724.4
2017	----	Poultry and egg processing.....	130	93	14.6	168.5
2015	2015	Poultry dressing plants.....	130	93	14.6	168.5
2021	2021	Creamery butter.....	231	63	4.0	82.3
2022	2022	Cheese, natural and processed.....	872	281	25.2	492.3
2023	2023	Condensed and evaporated milk.....	283	163	12.3	467.3
2024	2024	Ice cream and frozen desserts.....	697	273	21.1	459.8
2026	2026	Fluid milk.....	2,507	1,287	126.1	2,552.4
2032	2032	Canned specialties.....	203	88	29.1	814.6
2033	2033	Canned fruits and vegetables.....	1,038	621	89.8	1,625.1
2034	2034	Dehydrated fruits, vegetables, soups.....	178	88	12.4	235.7
2035	2035	Pickles, sauces, and salad dressings.....	495	191	20.8	428.0
2037	2037	Frozen fruits and vegetables.....	208	190	42.8	694.6
2038	----	Frozen specialties.....	435	211	38.3	716.3
2037	2037	Frozen fruits and vegetables.....	435	211	38.3	716.3
2041	2041	Flour and other grain mill products.....	457	181	16.1	509.8
2043	----	Cereal breakfast foods.....	47	26	12.9	688.4
2043	2043	Cereal preparations.....	47	26	12.9	688.4
2044	2044	Rice milling.....	57	35	4.0	148.3
2045	2045	Blended and prepared flour.....	137	57	7.9	306.8
2046	2046	Wet corn milling.....	41	27	12.1	331.2
2047	----	Dog, cat, and other pet food.....	221	113	14.3	613.8
2042	2042	Prepared feeds for animals and fowls.....	221	113	14.3	613.8
2048	----	Prepared feeds, n.e.c.....	2,120	654	44.0	1,100.5
2042	2042	Prepared feeds for animals and fowls.....	2,120	654	44.0	1,100.5
2051	2051	Bread, cake, and related products.....	3,318	1,374	193.5	3,518.1
2052	2052	Cookies and crackers.....	315	177	41.1	1,018.9
2061	2061	Raw cane sugar.....	77	62	7.1	151.7
2062	2062	Cane sugar refining.....	33	28	10.9	383.9
2063	2063	Beet sugar.....	61	54	11.5	310.5
2065	----	Confectionery products.....	1,011	394	60.7	1,115.6
2071	2071	Confectionery products.....	1,011	394	60.7	1,115.6
2066	----	Chocolate and cocoa products.....	48	30	10.0	282.6
2072	2072	Chocolate and cocoa products.....	48	30	10.0	282.6
2067	----	Chewing gum.....	19	16	6.9	228.4
2073	2073	Chewing gum.....	19	16	6.9	228.4
2074	----	Cottonseed oil mills.....	115	84	5.5	88.2
2091	2091	Cottonseed oil mills.....	115	84	5.5	88.2
2075	----	Soybean oil mills.....	94	74	9.1	350.0
2092	2092	Soybean oil mills.....	94	74	9.1	350.0
2076	----	Vegetable oil mills, n.e.c.....	32	18	1.2	44.8
2093	2093	Vegetable oil mills, n.e.c.....	32	18	1.2	44.8
2077	----	Animal and marine fats and oils.....	511	196	11.6	296.7
2094	2094	Animal and marine fats and oils.....	511	196	11.6	296.7
2079	----	Shortening and cooking oils.....	109	86	12.9	512.6
2096	2096	Shortening and cooking oils.....	109	86	12.9	512.6
2082	----	Malt beverages.....	167	130	51.5	1,993.6
2082	2082	Malt liquors.....	167	130	51.5	1,993.6
2083	2083	Malt.....	40	26	1.7	55.0
2084	2084	Wines, brandy, and brandy spirits.....	213	74	9.4	407.9
2085	2085	Distilled liquor, except brandy.....	121	96	18.4	1,024.0
2086	2086	Bottled and canned soft drinks.....	2,683	1,552	121.1	2,336.7
2087	2087	Flavoring extracts and sirups, n.e.c.....	400	115	10.1	871.9
2091	----	Canned and cured seafoods.....	310	139	16.0	231.4
2031	2031	Canned and cured seafoods.....	310	139	16.0	231.4
2092	----	Fresh or frozen packaged fish.....	519	257	25.0	287.5
2036	2036	Fresh or frozen packaged fish.....	519	257	25.0	287.5

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
New SIC	Old SIC		Total	With 20 employees or more		
			(number)	(number)		
				(1,000)	(million dollars)	
2095	2095	Roasted coffee.....	213	104	12.9	825.8
2097	2097	Manufactured ice.....	818	87	6.8	91.7
2098	2098	Macaroni and spaghetti.....	194	64	7.3	155.7
2099	2099	Food preparations, n.e.c.....	2,099	658	66.2	1,805.2
2111	2111	Cigarettes.....	20	11	38.1	2,188.4
2121	2121	Cigars.....	124	51	13.5	191.9
2131	2131	Chewing and smoking tobacco.....	37	22	3.3	103.2
2141	2141	Tobacco stemming and redrying.....	91	70	11.4	153.6
2211	2211	Weaving mills, cotton.....	307	227	121.3	1,256.3
2221	----	Weaving mills, manmade fiber and silk.....	412	341	149.7	1,831.6
	2221	Weaving mills, synthetic.....	412	341	149.7	1,831.6
2231	2231	Weaving and finishing mills, wool.....	198	119	19.4	239.4
2241	2241	Narrow fabric mills.....	376	215	27.1	289.0
2251	2251	Women's hosiery, except socks.....	312	217	49.5	438.8
2252	2252	Hosiery, n.e.c.....	415	269	32.6	295.2
2253	2253	Knit outerwear mills.....	917	547	74.4	799.5
2254	2254	Knit underwear mills.....	87	74	26.0	251.5
2257	----	Circular knit fabric mills.....	716	430	68.1	1,036.0
	2256	Knit fabric mills.....	716	430	68.1	1,036.0
2258	----	Warp knit fabric mills.....	203	155	22.0	317.8
	2256	Knit fabric mills.....	203	155	22.0	317.8
2259	2259	Knitting mills, n.e.c.....	73	33	3.9	41.8
2261	2261	Finishing plants, cotton.....	196	115	25.7	322.0
2262	----	Finishing plants, manmade fiber and silk.....	258	189	35.2	521.5
	2262	Finishing plants, synthetics.....	258	189	35.2	521.5
2269	2269	Finishing plants, n.e.c.....	201	128	18.5	270.4
2271	2271	Woven carpets and rugs.....	65	18	6.5	93.2
2272	2272	Tufted carpets and rugs.....	379	235	50.1	926.8
2279	2279	Carpets and rugs, n.e.c.....	85	27	3.3	58.2
2281	2281	Yarn mills, except wool.....	424	357	89.6	867.2
2282	2282	Throwing and winding mills.....	212	169	38.0	477.8
2283	2283	Wool yarn mills.....	98	63	8.3	92.7
2284	2284	Thread mills.....	73	45	11.7	141.8
2291	----	Felt goods, except woven felts and hats.....	47	30	5.0	80.5
	2291	Felt goods, n.e.c.....	47	30	5.0	80.5
2292	2292	Lace goods.....	105	29	2.9	29.4
2293	2293	Paddings and upholstery filling.....	132	59	4.4	64.5
2294	2294	Processed textile waste.....	106	37	3.6	50.9
2295	2295	Coated fabrics, not rubberized.....	203	132	18.0	382.4
2296	2296	Tire cord and fabric.....	18	18	10.0	145.8
2297	----	Nonwoven fabrics.....	84	67	10.8	191.8
	2299	Textile goods, n.e.c.....	84	67	10.8	191.8
2298	2298	Cordage and twine.....	156	81	9.0	96.3
2299	----	Textile goods, n.e.c.....	345	79	8.3	107.7
	2297	Scouring and combing plants.....	48	27	3.4	39.1
	2299	Textile goods, n.e.c.....	297	52	4.8	68.7
2311	2311	Men's and boys' suits and coats.....	856	570	124.8	1,342.2
2321	2321	Men's and boys' shirts and nightwear.....	730	563	113.4	1,003.8
2322	2322	Men's and boys' underwear.....	94	73	16.0	130.9
2323	2323	Men's and boys' neckwear.....	299	135	11.1	143.4
2327	2327	Men's and boys' separate trousers.....	624	428	91.3	784.9
2328	----	Men's and boys' work clothing.....	503	435	89.6	784.8
	2327	Men's and boys' separate trousers.....	3	3	1.8	23.7
	2328	Men's and boys' work clothing.....	500	432	87.8	761.1

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
New SIC	Old SIC		Total	With 20 employees or more		
			(number)	(number)		
			(number)	(number)	(1,000)	(million dollars)
2329	----	Men's and boys' clothing, n.e.c.....	537	366	42.0	393.8
	2311	Men's and boys' suits and coats.....	4	4	1.0	27.4
	2329	Men's and boys' clothing, n.e.c.....	533	362	40.9	366.4
2331	2331	Women's and misses' blouses and waists.....	971	703	63.0	592.4
2335	2335	Women's and misses' dresses.....	5,565	2,978	211.6	1,888.7
2337	2337	Women's and misses' suits and coats.....	1,617	1,022	75.9	839.8
2339	2339	Women's and misses' outerwear, n.e.c.....	1,373	897	82.1	781.0
2341	2341	Women's and children's underwear.....	730	484	77.5	709.0
2342	----	Brassieres and allied garments.....	272	193	28.0	340.0
	2342	Corsets and allied garments.....	272	193	28.0	340.0
2351	2351	Millinery.....	216	52	3.2	33.2
2352	2352	Hats and caps, except millinery.....	280	122	11.3	100.2
2361	2361	Children's dresses and blouses.....	490	353	35.4	335.8
2363	2363	Children's coats and suits.....	165	105	9.2	90.4
2369	2369	Children's outerwear, n.e.c.....	406	265	30.1	282.9
2371	2371	Fur goods.....	797	48	4.7	86.2
2381	2381	Fabric dress and work gloves.....	137	94	11.9	100.3
2384	2384	Robes and dressing gowns.....	179	110	10.0	92.5
2385	2385	Waterproof outer garments.....	258	165	15.4	168.8
2386	2386	Leather and sheep lined clothing.....	187	91	7.0	82.1
2387	2387	Apparel belts.....	297	132	10.3	132.5
2389	2389	Apparel and accessories, n.e.c.....	244	87	7.3	59.7
2391	2391	Curtains and draperies.....	1,592	351	33.9	302.3
2392	2392	Housefurnishings, n.e.c.....	1,112	414	50.3	585.2
2393	2393	Textile bags.....	208	94	7.9	74.5
2394	----	Canvas and related products.....	860	146	12.9	130.3
	2394	Canvas products.....	860	146	12.9	130.3
2395	2395	Pleating and stitching.....	898	205	16.7	174.7
2396	2396	Automotive and apparel trimmings.....	668	203	27.6	530.8
2397	2397	Schiffli machine embroideries.....	451	56	5.5	75.0
2399	2399	Fabricated textile products, n.e.c.....	822	286	31.4	315.5
2411	2411	Logging camps and logging contractors.....	13,238	696	80.0	1,163.4
2421	2421	Sawmills and planing mills, general.....	8,071	1,717	166.6	2,906.0
2426	----	Hardwood dimension and flooring.....	933	364	31.5	272.1
	2426	Hardwood dimension and flooring.....	612	285	25.6	223.0
	2512	Upholstered household furniture.....	321	79	5.9	49.1
2429	2429	Special product sawmills, n.e.c.....	447	86	6.4	80.4
2431	2431	Millwork.....	2,434	720	70.5	962.7
2434	----	Wood kitchen cabinets.....	1,796	396	38.8	486.7
	2431	Millwork.....	893	225	17.1	201.0
	2511	Wood household furniture.....	903	171	21.7	285.7
2435	----	Hardwood veneer and plywood.....	366	254	25.1	340.8
	2432	Veneer and plywood.....	366	254	25.1	340.8
2436	----	Softwood veneer and plywood.....	232	225	43.7	935.4
	2432	Veneer and plywood.....	232	225	43.7	935.4
2439	----	Structural wood members, n.e.c.....	678	196	12.6	182.8
	2433	Prefabricated wood structures.....	678	196	12.6	182.8
2441	----	Nailed wood boxes and shook.....	436	130	10.7	103.8
	2441	Nailed wooden boxes and shook.....	436	130	10.7	103.8
2448	----	Wood pallets and skids.....	456	271	14.3	140.9
	2499	Wood products, n.e.c.....	456	271	14.3	140.9
2449	----	Wood containers, n.e.c.....	268	100	11.9	114.1
	2442	Wirebound boxes and crates.....	136	58	7.7	71.2
	2443	Veneer and plywood containers.....	60	25	1.9	13.1
	2445	Coonerage.....	72	17	2.3	29.2

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
New SIC	Old SIC		Total	With 20 employees or more		
			(number)	(number)		
			(1,000)	(million dollars)		
2451	----	Mobile homes.....	683	589	71.9	1,033.9
	3791	Trailer coaches.....	683	589	71.9	1,033.9
2452	----	Prefabricated wood buildings.....	310	245	25.2	457.1
	2433	Prefabricated wood structures.....	310	245	25.2	457.1
2491	2491	Wood preserving.....	399	168	11.3	175.8
2492	----	Particleboard.....	68	65	7.7	144.5
	2499	Wood products, n.e.c.....	68	65	7.7	144.5
2499	2499	Wood products, n.e.c.....	3,133	646	63.0	809.1
2511	2511	Wood household furniture.....	2,348	827	133.8	1,556.9
2512	2512	Upholstered household furniture.....	1,308	770	92.0	1,104.0
2514	2514	Metal household furniture.....	467	230	34.4	447.2
2515	2515	Mattresses and bedsprings.....	977	370	31.4	479.9
2517	----	Wood TV and radio cabinets.....	103	65	18.9	176.9
	2511	Wood household furniture.....	103	65	18.9	176.9
2519	2519	Household furniture, n.e.c.....	166	73	6.9	95.6
2521	2521	Wood office furniture.....	240	104	11.5	146.7
2522	2522	Metal office furniture.....	193	118	27.8	513.2
2531	----	Public building and related furniture.....	421	194	21.0	288.3
	2531	Public building furniture.....	421	194	21.0	288.3
2541	2541	Wood partitions and fixtures.....	1,503	413	31.2	458.6
2542	2542	Metal partitions and fixtures.....	507	239	26.2	412.4
2591	----	Drapery hardware and blinds and shades.....	505	66	12.1	198.2
	2591	Venetian blinds and shades.....	505	66	12.1	198.2
2599	2599	Furniture and fixtures, n.e.c.....	494	177	14.5	211.7
2611	2611	Pulpmills.....	60	35	10.6	306.9
2621	2621	Papermills, except building paper.....	349	295	129.9	2,909.3
2631	2631	Paperboard mills.....	273	248	68.5	1,994.4
2641	2641	Paper coating and glazing.....	426	217	37.2	984.4
2642	2642	Envelopes.....	247	183	22.9	347.1
2643	2643	Bags, except textile bags.....	583	331	48.6	840.5
2645	2645	Die-cut paper and board.....	374	159	15.2	301.6
2646	2646	Pressed and molded pulp goods.....	49	38	6.1	100.6
2647	2647	Sanitary paper products.....	108	85	26.3	882.8
2648	----	Stationery products.....	431	131	14.7	225.6
	2649	Converted paper products, n.e.c.....	431	131	14.7	225.6
2649	----	Converted paper products, n.e.c.....	307	181	18.1	325.6
	2644	Wallpaper.....	83	35	3.0	50.5
	2649	Converted paper products, n.e.c.....	224	146	15.1	275.1
2651	2651	Folding paperboard boxes.....	544	376	45.3	739.7
2652	2652	Setup paperboard boxes.....	397	269	18.1	195.9
2653	2653	Corrugated and solid fiber boxes.....	1,265	959	107.9	1,736.9
2654	2654	Sanitary food containers.....	251	193	35.1	659.8
2655	----	Fiber cans, drums, and similar products.....	282	182	17.3	266.4
	2655	Fiber cans, drums, and related material.....	282	182	17.3	266.4
2661	2661	Building paper and board mills.....	92	74	11.6	246.5
2711	2711	Newspapers.....	8,116	2,119	348.5	6,219.9
2721	2721	Periodicals.....	2,534	452	66.5	2,109.9
2731	2731	Book publishing.....	1,205	307	57.1	1,935.8
2732	2732	Book printing.....	700	287	40.9	604.5
2741	2741	Miscellaneous publishing.....	2,041	272	38.8	775.8
2751	----	Commercial printing, letterpress.....	13,198	1,171	130.1	2,003.0
	2751	Commercial printing, except lithographic.....	13,198	1,171	130.1	2,003.0
2752	2752	Commercial printing, lithographic.....	8,388	2,135	184.0	3,155.1
2753	2753	Engraving and plate printing.....	560	132	9.6	152.4
2754	----	Commercial printing, gravure.....	135	88	20.0	372.2
	2751	Commercial printing, except lithographic.....	135	88	20.0	372.2

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
New SIC	Old SIC		Total	With 20 employees or more		
			(number)	(number)		
			(number)	(number)	(1,000)	(million dollars)
2761	2761	Manifold business forms.....	667	376	38.6	823.6
2771	2771	Greeting card publishing.....	199	82	23.5	527.0
2782	2782	Blankbooks and looseleaf binders.....	461	240	26.6	390.6
2789	2789	Bookbinding and related work.....	1,004	301	25.1	296.2
2791	2791	Typesetting.....	1,887	373	26.0	426.0
2793	2793	Photoengraving.....	590	135	9.9	191.7
2794	2794	Electrotyping and stereotyping.....	81	24	1.7	28.5
2795	----	Lithographic platemaking services.....	336	124	8.9	185.1
	2752	Commercial printing, lithographic.....	336	124	8.9	185.1
2812	2812	Alkalies and chlorine.....	48	39	13.3	455.6
2813	2813	Industrial gases.....	503	138	9.6	466.7
2816	2816	Inorganic pigments.....	114	69	12.8	382.6
2819	2819	Industrial inorganic chemicals, n.e.c.....	384	264	63.8	2,038.2
2821	2821	Plastics materials and resins.....	323	263	54.8	2,160.5
2822	2822	Synthetic rubber.....	59	34	11.8	491.7
2823	2823	Cellulosic manmade fibers.....	18	12	17.1	243.5
2824	2824	Organic fibers, noncellulosic.....	61	55	78.2	2,039.8
2831	2831	Biological products.....	182	62	10.1	231.4
2833	2833	Medicinals and botanicals.....	140	51	7.8	260.0
2834	2834	Pharmaceutical preparations.....	756	312	112.0	5,639.5
2841	2841	Soap and other detergents.....	642	199	31.5	2,038.8
2842	----	Polishes and sanitation goods.....	1,108	243	25.1	1,118.1
	2819	Industrial inorganic chemicals, n.e.c.....	329	51	3.9	181.1
	2842	Polishes and sanitation goods.....	779	192	21.1	937.0
2843	2843	Surface active agents.....	178	86	6.9	209.5
2844	2844	Toilet preparations.....	645	204	48.2	2,834.1
2851	2851	Paints and allied products.....	1,599	687	65.9	1,791.7
2861	2861	Gum and wood chemicals.....	139	41	5.9	155.4
2865	----	Cyclic crudes and intermediates.....	174	118	28.2	929.7
	2815	Cyclic intermediates and crudes.....	174	118	28.2	929.7
2869	----	Industrial organic chemicals, n.e.c.....	514	295	102.4	4,988.0
	2818	Industrial organic chemicals, n.e.c.....	514	295	102.4	4,988.0
2873	----	Nitrogenous fertilizers.....	73	68	9.4	447.6
	2818	Industrial organic chemicals, n.e.c.....	7	7	1.3	85.6
	2819	Industrial inorganic chemicals, n.e.c.....	66	61	8.1	362.0
2874	----	Phosphatic fertilizers.....	145	115	14.9	426.4
	2819	Industrial inorganic chemicals, n.e.c.....	9	6	.9	22.8
	2871	Fertilizers.....	136	109	14.0	403.6
2875	----	Fertilizers, mixing only.....	627	188	11.4	263.6
	2871	Fertilizers.....	14	2	.3	6.6
	2872	Fertilizers, mixing only.....	613	186	11.1	257.1
2879	----	Agricultural chemicals, n.e.c.....	388	113	12.2	598.9
	2842	Polishes and sanitation goods.....	89	15	.8	41.6
	2879	Agricultural chemicals, n.e.c.....	299	98	11.4	557.3
2891	----	Adhesives and sealants.....	463	187	14.9	426.6
	2821	Plastics materials and resins.....	45	23	1.6	39.0
	2851	Paints and allied products.....	38	25	2.6	78.0
	2891	Adhesives and gelatin.....	342	118	9.0	260.1
	3069	Fabricated rubber products, n.e.c.....	38	21	1.6	49.6
2892	2892	Explosives.....	92	50	18.6	281.7
2893	2893	Printing ink.....	407	145	9.6	232.0
2895	2895	Carbon black.....	37	33	2.9	137.6
2899	----	Chemical preparations, n.e.c.....	1,606	360	37.1	1,124.7
	2891	Adhesives and gelatin.....	16	13	1.9	81.4
	2899	Chemical preparations, n.e.c.....	1,590	347	35.1	1,043.3
2911	2911	Petroleum refining.....	323	277	100.8	4,594.7
2951	2951	Paving mixtures and blocks.....	964	169	13.9	403.1
2952	2952	Asphalt felts and coatings.....	235	140	15.6	443.3
2992	2992	Lubricating oils and greases.....	443	117	8.1	295.8

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972—Continued

Industry code		Industry	Establishments		All employees (1,000)	Value added by manufacture, adjusted (million dollars)
New SiC	Old SiC		Total	With 20 employees or more		
			(number)	(number)		
2999	2999	Petroleum and coal products, n.e.c.....	51	17	1.1	56.3
3011	3011	Tires and inner tubes.....	206	126	107.5	3,070.8
3021	----	Rubber and plastics footwear.....	107	74	31.6	370.3
	3021	Rubber footwear.....	81	50	28.1	332.5
	3079	Miscellaneous plastics products.....	26	24	3.5	37.8
3031	3031	Reclaimed rubber.....	20	9	.9	15.6
3041	----	Rubber and plastics hose and belting.....	90	73	31.9	618.7
	3069	Fabricated rubber products, n.e.c.....	74	62	30.1	580.1
	3079	Miscellaneous plastics products.....	16	11	1.8	38.6
3069	3069	Fabricated rubber products, n.e.c.....	1,116	606	99.0	1,573.1
3079	----	Miscellaneous plastics products.....	7,698	3,300	346.9	6,004.7
	2821	Plastics materials and resins.....	611	197	25.6	567.3
	3079	Miscellaneous plastics products.....	7,087	3,103	321.3	5,437.4
3111	3111	Leather tanning and finishing.....	517	223	25.7	368.3
3131	----	Boot and shoe cut stock and findings.....	248	121	8.7	86.2
	3131	Footwear cut stock.....	248	121	8.7	86.2
3142	3142	House slippers.....	91	66	8.5	85.7
3143	----	Men's footwear, except athletic.....	221	197	61.5	674.4
	3141	Shoes, except rubber.....	221	197	61.5	674.4
3144	----	Women's footwear, except athletic.....	422	316	77.4	763.6
	3141	Shoes, except rubber.....	422	316	77.4	763.6
3149	----	Footwear, except rubber, n.e.c.....	183	133	28.7	272.5
	3141	Shoes, except rubber.....	183	133	28.7	272.5
3151	3151	Leather gloves and mittens.....	106	60	4.9	43.0
3161	3161	Luggage.....	277	130	17.1	194.1
3171	3171	Women's handbags and purses.....	444	214	22.2	201.5
3172	----	Personal leather goods.....	244	98	11.5	143.7
	3172	Personal leather goods.....	244	98	11.5	143.7
3199	----	Leather goods, n.e.c.....	448	99	7.2	84.3
	3121	Industrial leather belting.....	50	11	.8	13.0
	3199	Leather goods, n.e.c.....	398	88	6.3	71.4
3211	3211	Flat glass.....	32	30	20.9	662.1
3221	3221	Glass containers.....	117	115	72.9	1,399.7
3229	3229	Pressed and blown glass, n.e.c.....	252	110	45.9	941.4
3231	3231	Products of purchased glass.....	913	284	33.7	668.9
3241	3241	Cement, hydraulic.....	198	171	30.0	1,153.5
3251	3251	Brick and structural clay tile.....	417	302	24.1	336.4
3253	3253	Ceramic wall and floor tile.....	83	56	8.3	112.3
3255	3255	Clay refractories.....	156	101	11.2	202.1
3259	3259	Structural clay products, n.e.c.....	119	70	8.2	119.8
3261	3261	Vitreous plumbing fixtures.....	59	40	9.6	186.8
3262	3262	Vitreous china food utensils.....	34	20	5.9	67.4
3263	3263	Fine earthenware food utensils.....	18	15	6.8	56.2
3264	3264	Porcelain electrical supplies.....	83	64	13.4	190.4
3269	3269	Pottery products, n.e.c.....	426	95	9.1	99.9
3271	3271	Concrete block and brick.....	1,388	416	22.8	438.5
3272	3272	Concrete products, n.e.c.....	3,595	923	67.7	1,190.1
3273	3273	Ready-mixed concrete.....	4,915	1,328	85.7	1,756.7
3274	3274	Lime.....	103	69	5.7	129.3
3275	3275	Gypsum products.....	114	84	11.2	325.1
3281	3281	Cut stone and stone products.....	908	192	15.0	191.4
3291	3291	Abrasive products.....	392	167	24.5	529.6
3292	----	Asbestos products.....	142	97	21.0	426.1
	3292	Asbestos products.....	132	90	20.2	409.2
	3293	Gaskets and insulations.....	10	7	.8	16.9
3293	----	Gaskets, packing and sealing devices.....	374	184	27.7	428.5
	3069	Fabricated rubber products, n.e.c.....	66	57	11.9	183.4
	3121	Industrial leather belting.....	3	3	.2	2.1
	3293	Gaskets and insulations.....	294	120	13.8	202.8
	3599	Miscellaneous machinery, except electrical.....	11	4	1.8	40.3

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
New SIC	Old SIC		Total	With 20 employees or more		
			(number)	(number)		
			(1,000)			(million dollars)
3295	3295	Minerals, ground or treated.....	488	152	9.5	237.2
3296	3296	Mineral wool.....	108	75	18.0	441.5
3297	3297	Nonclay refractories.....	90	60	8.1	191.1
3299	3299	Nonmetallic mineral products, n.e.c.....	491	81	6.3	104.7
3312	3312	Blast furnaces and steel mills.....	364	251	469.1	10,304.7
3313	3313	Electrometallurgical products.....	40	31	9.5	217.2
3315	3315	Steel wire and related products.....	289	199	30.6	583.5
3316	3316	Cold finishing of steel shapes.....	125	93	20.1	504.6
3317	3317	Steel pipe and tubes.....	152	122	23.6	506.1
3321	3321	Gray iron foundries.....	993	723	138.4	2,257.0
3322	3322	Malleable iron foundries.....	73	64	22.5	342.6
3324	----	Steel investment foundries.....	74	62	11.2	175.6
	3323	Steel foundries.....	74	62	11.2	175.6
3325	----	Steel foundries, n.e.c.....	260	201	46.7	706.0
	3323	Steel foundries.....	260	201	46.7	706.0
3331	3331	Primary copper.....	31	31	17.2	487.8
3332	3332	Primary lead.....	16	15	2.8	128.7
3333	3333	Primary zinc.....	15	15	6.3	121.6
3334	3334	Primary aluminum.....	31	31	25.6	816.0
3339	3339	Primary nonferrous metals, n.e.c.....	84	32	6.7	151.5
3341	3341	Secondary nonferrous metals.....	381	184	17.8	410.9
3351	3351	Copper rolling and drawing.....	149	117	37.8	800.3
3353	----	Aluminum sheet, plate, and foil.....	50	49	31.3	692.3
	3352	Aluminum rolling and drawing.....	50	49	31.3	692.3
3354	----	Aluminum extruded products.....	180	128	27.7	427.6
	3352	Aluminum rolling and drawing.....	180	128	27.7	427.6
3355	----	Aluminum rolling and drawing, n.e.c.....	16	15	4.6	57.3
	3352	Aluminum rolling and drawing.....	16	15	4.6	57.3
3356	3356	Nonferrous rolling and drawing, n.e.c.....	167	97	18.1	374.1
3357	3357	Nonferrous wiredrawing and insulating.....	341	278	68.8	1,448.0
3361	----	Aluminum foundries.....	1,005	430	45.7	718.3
	3361	Aluminum castings.....	1,005	430	45.7	718.3
3362	----	Brass, bronze, and copper foundries.....	507	195	15.4	236.9
	3362	Brass, bronze, and copper castings.....	507	195	15.4	236.9
3369	----	Nonferrous foundries, n.e.c.....	329	167	20.3	314.0
	3369	Nonferrous castings, n.e.c.....	329	167	20.3	314.0
3398	----	Metal heat treating.....	952	266	17.2	310.6
	3399	Primary metal products, n.e.c.....	952	266	17.2	310.6
3399	3399	Primary metal products, n.e.c.....	168	105	7.9	165.0
3411	3411	Metal cans.....	396	309	68.5	1,815.8
3412	----	Metal barrels, drums, and pails.....	157	99	10.2	188.8
	3491	Metal barrels, drums, and pails.....	157	99	10.2	188.8
3421	3421	Cutlery.....	134	69	13.4	322.3
3423	3423	Hand and edge tools, n.e.c.....	626	255	39.3	780.0
3425	3425	Handsaws and saw blades.....	91	52	6.6	127.5
3429	3429	Hardware, n.e.c.....	1,053	482	99.9	2,023.6
3431	3431	Metal sanitary ware.....	95	50	11.2	208.2
3432	3432	Plumbing fittings and brass goods.....	230	112	18.6	361.8
3433	3433	Heating equipment, except electric.....	432	191	30.9	561.6
3441	----	Fabricated structural metal products.....	2,154	1,094	104.3	1,730.7
	3441	Fabricated structural steel.....	2,154	1,094	104.3	1,730.7
3442	3442	Metal doors, sash, and trim.....	1,558	646	70.7	1,003.7

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
New SIC	Old SIC		Total	With 20 employees or more		
			(number)	(number)		
			(number)	(number)	(1,000)	(million dollars)
3443	3443	Fabricated platework (boiler shops).....	1,486	795	93.0	1,758.7
3444	3444	Sheet metalwork.....	3,117	933	74.0	1,299.9
3446	3446	Architectural metalwork.....	1,459	250	20.9	311.8
3448	----	Prefabricated metal buildings.....	159	88	12.5	275.9
	3449	Miscellaneous metalwork.....	159	88	12.5	275.9
3449	3449	Miscellaneous metalwork.....	118	220	19.5	362.2
3451	3451	Screw machine products.....	1,804	612	40.5	648.5
3452	3452	Bolts, nuts, rivets, and washers.....	678	396	60.1	1,196.8
3462	----	Iron and steel forgings.....	280	180	34.3	661.8
	3391	Iron and steel forgings.....	280	180	34.3	661.8
3463	----	Nonferrous forgings.....	46	33	5.8	104.0
	3392	Nonferrous forgings.....	46	33	5.8	104.0
3465	----	Automotive stampings.....	453	364	123.3	2,663.8
	3461	Metal stampings.....	453	364	123.3	2,663.8
3466	----	Crowns and closures.....	53	48	8.1	166.7
	3461	Metal stampings.....	53	48	8.1	166.7
3469	----	Metal stampings, n.e.c.....	2,356	982	92.0	1,461.0
	3461	Metal stampings.....	2,356	982	92.0	1,461.0
3471	3471	Plating and polishing.....	3,264	825	54.6	741.2
3479	3479	Metal coating and allied services.....	1,497	372	27.6	379.2
3482	----	Small arms ammunition.....	62	25	13.9	228.6
	1961	Small arms ammunition.....	62	25	13.9	228.6
3483	----	Ammunition, except for small arms, n.e.c.....	95	77	54.9	679.0
	1929	Ammunition, except for small arms, n.e.c.....	95	77	54.9	679.0
3484	----	Small arms.....	82	41	16.1	278.6
	1951	Small arms.....	82	41	16.1	278.6
3489	----	Ordnance and accessories, n.e.c.....	76	36	24.6	380.9
	1911	Guns, howitzers, and mortars.....	13	3	3.5	53.6
	1999	Ordnance and accessories, n.e.c.....	63	33	21.1	327.4
3493	----	Steel springs, except wire.....	110	53	8.5	149.7
	3493	Steel springs.....	110	53	8.5	149.7
3494	3494	Valves and pipe fittings.....	780	464	94.3	1,751.2
3495	----	Wire springs.....	284	216	23.7	340.7
	3481	Miscellaneous fabricated wire products.....	284	216	23.7	340.7
3496	----	Miscellaneous fabricated wire products.....	1,211	412	33.2	504.4
	3481	Miscellaneous fabricated wire products.....	1,211	412	33.2	504.4
3497	3497	Metal foil and leaf.....	63	40	5.4	126.5
3498	3498	Fabricated pipe and fittings.....	423	202	17.5	363.1
3499	----	Fabricated metal products, n.e.c.....	2,343	653	61.8	1,047.4
	3492	Safes and vaults.....	44	19	4.1	79.0
	3496	Collapsible tubes.....	20	17	2.6	29.0
	3499	Fabricated metal products, n.e.c.....	2,279	617	55.1	939.5
3511	----	Turbines and turbine generator sets.....	75	46	46.2	1,225.3
	3511	Steam engines and turbines.....	75	46	46.2	1,225.3
3519	3519	Internal combustion engines, n.e.c.....	178	108	69.9	1,674.2
3523	----	Farm machinery and equipment.....	1,548	564	104.6	2,248.0
	3522	Farm machinery.....	1,473	539	101.8	2,195.4
	3799	Transportation equipment, n.e.c.....	75	25	2.8	52.7
3524	----	Lawn and garden equipment.....	110	86	20.7	453.2
	3522	Farm machinery.....	110	86	20.7	453.2
3531	3531	Construction machinery.....	748	387	133.8	3,130.7
3532	3532	Mining machinery.....	240	124	21.3	393.2
3533	3533	Oilfield machinery.....	315	159	35.9	788.6
3534	3534	Elevators and moving stairways.....	154	88	15.0	310.2
3535	3535	Conveyors and conveying equipment.....	492	243	27.2	540.1
3536	3536	Hoists, cranes, and monorails.....	188	92	16.3	274.7
3537	3537	Industrial trucks and tractors.....	380	135	25.8	524.7
3541	3541	Machine tools, metal-cutting types.....	894	275	52.5	901.7

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
New SIC	Old SIC		Total	With 20 employees or more		
			(number)	(number)		
				(1,000)	(million dollars)	
3542	----	Machine tools, metal-forming types.....	383	162	24.1	417.7
	3542	Machine tools, metal-forming types.....	383	162	24.1	417.7
3544	----	Special dies, tools, jigs, and fixtures.....	6,616	1,266	97.8	1,797.4
	3544	Special dies, tools, jigs, and fixtures.....	6,616	1,266	97.8	1,797.4
3545	----	Machine tool accessories.....	1,231	413	46.7	876.1
	3545	Machine tool accessories.....	1,231	413	46.7	876.1
3546	----	Power-driven handtools.....	88	65	23.1	434.5
	3548	Metalworking machinery, n.e.c.....	88	65	23.1	434.5
3547	----	Rolling mill machinery.....	47	38	10.4	206.4
	3548	Metalworking machinery, n.e.c.....	47	38	10.4	206.4
3549	----	Metalworking machinery, n.e.c.....	393	134	13.6	267.9
	3548	Metalworking machinery, n.e.c.....	393	134	13.6	267.9
3551	3551	Food products machinery.....	688	290	31.9	605.2
3552	3552	Textile machinery.....	579	225	32.7	487.9
3553	3553	Woodworking machinery.....	242	109	13.7	285.1
3554	3554	Paper industries machinery.....	218	109	15.3	254.0
3555	3555	Printing trades machinery.....	574	173	23.9	503.6
3559	3559	Special industry machinery, n.e.c.....	1,384	525	72.6	1,596.1
3561	----	Pumps and pumping equipment.....	559	260	55.5	1,095.6
	3561	Pumps and compressors.....	559	260	55.5	1,095.6
3562	3562	Ball and roller bearings.....	132	92	49.2	898.7
3563	----	Air and gas compressors.....	84	64	22.9	467.5
	3561	Pumps and compressors.....	84	64	22.9	467.5
3564	3564	Blowers and fans.....	396	172	23.5	468.8
3565	3565	Industrial patterns.....	1,021	97	8.5	161.0
3566	----	Speed changers, drives, and gears.....	346	155	22.5	409.0
	3566	Power transmission equipment.....	346	155	22.5	409.0
3567	3567	Industrial furnaces and ovens.....	266	108	13.6	244.3
3568	----	Power transmission equipment, n.e.c.....	155	127	27.7	544.4
	3566	Power transmission equipment.....	155	127	27.7	544.4
3569	3569	General industrial machinery, n.e.c.....	901	360	37.0	697.7
3573	3573	Electronic computing equipment.....	602	355	144.8	3,497.6
3574	3574	Calculating and accounting machines.....	79	30	22.5	407.0
3576	----	Scales and balances, except laboratory.....	97	44	6.7	129.7
	3576	Scales and balances.....	97	44	6.7	129.7
3579	----	Typewriters; office machines, n.e.c.....	217	97	34.5	870.1
	3572	Typewriters.....	21	12	12.5	371.3
	3574	Calculating and accounting machines.....	3	3	.7	14.5
	3579	Office machines, n.e.c.....	193	82	21.3	484.3
3581	3581	Automatic merchandising machines.....	125	48	10.5	183.4
3582	3582	Commercial laundry equipment.....	107	47	4.8	88.2
3585	----	Refrigeration and heating equipment.....	774	443	150.8	3,517.4
	3433	Heating equipment, except electric.....	39	28	9.7	190.5
	3585	Refrigeration machinery.....	735	415	141.2	3,326.9
3586	3586	Measuring and dispensing pumps.....	57	33	7.2	134.1
3589	----	Service industry machinery, n.e.c.....	706	232	24.4	503.6
	3589	Service industry machines, n.e.c.....	706	232	24.4	503.6
3592	----	Carburetors, pistons, rings, valves.....	113	72	26.7	500.0
	3599	Miscellaneous machinery, except electrical.....	113	72	26.7	500.0
3599	----	Machinery, except electrical, n.e.c.....	16,287	1,946	157.8	2,515.5
	3599	Miscellaneous machinery, except electrical.....	16,287	1,946	157.8	2,515.5
3612	----	Transformers.....	216	136	46.8	757.3
	3611	Electric measuring instruments.....	8	7	.9	15.9
	3612	Transformers.....	208	129	45.9	741.4
3613	3613	Switchgear and switchboard apparatus.....	568	283	69.2	1,303.0
3621	3621	Motors and generators.....	425	257	90.3	1,475.2
3622	3622	Industrial controls.....	590	218	51.1	908.4

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972—Continued

Industry code		Industry	Establishments		All employees (1,000)	Value added by manufacture, adjusted (million dollars)
New SIC	Old SIC		Total	With 20 employees or more		
			(number)	(number)		
3623	----	Welding apparatus, electric.....	166	80	15.5	353.5
	3623	Welding apparatus.....	166	80	15.5	353.5
3624	3624	Carbon and graphite products.....	72	44	11.3	217.4
3629	3629	Electrical industrial apparatus, n.e.c.....	258	121	20.2	270.0
3631	3631	Household cooking equipment.....	84	51	23.3	412.0
3632	3632	Household refrigerators and freezers.....	36	25	34.1	790.8
3633	----	Household laundry equipment.....	29	24	23.6	684.7
	3582	Commercial laundry equipment.....	3	2	.4	5.4
	3633	Household laundry equipment.....	26	22	23.2	679.3
3634	3634	Electric housewares and fans.....	299	167	51.3	909.2
3635	3635	Household vacuum cleaners.....	36	24	11.2	299.5
3636	3636	Sewing machines.....	75	18	5.3	124.6
3639	3639	Household appliances, n.e.c.....	85	48	14.0	341.4
3641	3641	Electric lamps.....	143	72	31.5	724.4
3643	3643	Current-carrying wiring devices.....	413	222	50.4	792.1
3644	3644	Noncurrent-carrying wiring devices.....	179	117	25.7	490.8
3645	----	Residential lighting fixtures.....	701	278	26.5	390.2
	3642	Lighting fixtures.....	701	278	26.5	390.2
3646	----	Commercial lighting fixtures.....	236	140	18.8	350.4
	3642	Lighting fixtures.....	236	140	18.8	350.4
3647	----	Vehicular lighting equipment.....	47	31	13.6	299.8
	3642	Lighting fixtures.....	47	31	13.6	299.8
3648	----	Lighting equipment, n.e.c.....	190	95	12.7	254.3
	3642	Lighting fixtures.....	190	95	12.7	254.3
3651	3651	Radio and TV receiving sets.....	372	164	86.5	1,807.8
3652	3652	Phonograph records.....	567	119	20.3	375.6
3661	3661	Telephone and telegraph apparatus.....	203	110	134.4	2,650.1
3662	3662	Radio and TV communication equipment.....	1,773	921	319.2	5,803.1
3671	3671	Electron tubes, receiving type.....	25	13	11.4	173.8
3672	----	Cathode ray television picture tubes.....	75	21	15.2	345.5
	3672	Cathode ray picture tubes.....	75	21	15.2	345.5
3673	3673	Electron tubes, transmitting.....	51	38	20.5	342.8
3674	----	Semiconductors and related devices.....	327	198	97.6	1,735.1
	3674	Semiconductors.....	327	198	97.6	1,735.1
3675	----	Electronic capacitors.....	113	101	27.6	298.6
	3679	Electronic components, n.e.c.....	113	101	27.6	298.6
3676	----	Electronic resistors.....	86	78	20.5	263.5
	3679	Electronic components, n.e.c.....	86	78	20.5	263.5
3677	----	Electronic coils and transformers.....	248	206	24.2	228.7
	3679	Electronic components, n.e.c.....	248	206	24.2	228.7
3678	----	Electronic connectors.....	91	79	18.1	345.6
	3679	Electronic components, n.e.c.....	91	79	18.1	345.6
3679	3679	Electronic components, n.e.c.....	1,844	700	100.5	1,577.2
3691	3691	Storage batteries.....	212	120	22.1	477.8
3692	3692	Primary batteries, dry and wet.....	48	31	8.4	221.6
3693	3693	X-ray apparatus and tubes.....	104	54	12.1	311.3
3694	3694	Engine electrical equipment.....	290	143	57.9	1,212.6
3699	----	Electrical equipment and supplies, n.e.c.....	995	189	19.3	263.9
	3699	Electrical equipment, n.e.c.....	995	189	19.3	263.9
3711	----	Motor vehicles and car bodies.....	231	119	339.2	11,782.5
	3711	Motor vehicles.....	231	119	339.2	11,782.5
3713	----	Truck and bus bodies.....	786	354	42.6	659.7
	3713	Truck and bus bodies.....	778	346	41.8	648.5
	3791	Trailer coaches.....	8	8	.8	11.2

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
New SIC	Old SIC		Total	With 20 employees or more		
			(number)	(number)		
			(number)	(number)	(1,000)	(million dollars)
3714	3714	Motor vehicle parts and accessories.....	2,119	935	400.9	9,164.7
3715	3715	Truck trailers.....	255	139	24.7	449.3
3721	3721	Aircraft.....	168	86	231.8	5,083.0
3724	----	Aircraft engines and engine parts.....	232	156	104.7	1,991.7
	3722	Aircraft engines and engine parts.....	232	156	104.7	1,991.7
3728	----	Aircraft equipment, n.e.c.....	694	313	102.2	2,048.9
	3729	Aircraft equipment, n.e.c.....	694	313	102.2	2,048.9
3731	3731	Ship building and repairing.....	455	277	144.6	1,881.3
3732	3732	Boat building and repairing.....	1,777	368	40.6	516.8
3743	----	Railroad equipment.....	163	103	50.8	1,113.3
	3741	Locomotives and parts.....	34	16	19.6	591.1
	3742	Railroad and streetcars.....	129	87	31.2	522.3
3751	3751	Motorcycles, bicycles, and parts.....	222	52	17.6	315.2
3761	----	Guided missiles and space vehicles.....	70	57	118.4	2,948.7
	1925	Complete guided missiles.....	70	57	118.4	2,948.7
3764	----	Space propulsion units and parts.....	29	28	20.8	506.6
	3722	Aircraft engines and engine parts.....	29	28	20.8	506.6
3769	----	Space vehicle equipment, n.e.c.....	48	39	20.9	513.9
	3729	Aircraft equipment, n.e.c.....	48	39	20.9	513.9
3792	----	Travel trailers and campers.....	1,030	385	37.1	479.9
	3791	Trailer coaches.....	1,000	362	33.3	435.4
	3799	Transportation equipment, n.e.c.....	30	23	3.7	44.5
3795	----	Tanks and tank components.....	22	15	5.9	111.7
	1931	Tanks and tank components.....	22	15	5.9	111.7
3799	----	Transportation equipment, n.e.c.....	501	192	16.1	232.1
	3751	Motorcycles, bicycles, and parts.....	4	1	.1	1.4
	3791	Trailer coaches.....	14	9	.6	5.0
	3799	Transportation equipment, n.e.c.....	483	182	15.4	225.7
3811	3811	Engineering and scientific instruments.....	739	262	36.7	653.2
3822	----	Environmental controls.....	131	62	30.7	511.8
	3822	Automatic temperature controls.....	131	62	30.7	511.8
3823	----	Process control instruments.....	187	128	35.6	620.4
	3821	Mechanical measuring devices.....	187	128	35.6	620.4
3824	----	Fluid meters and counting devices.....	61	43	8.8	180.9
	3821	Mechanical measuring devices.....	61	43	8.8	180.9
3825	----	Instruments to measure electricity.....	645	265	54.7	1,046.8
	3611	Electric measuring instruments.....	645	265	54.7	1,046.8
3829	----	Measuring and controlling devices, n.e.c.....	595	153	24.6	394.9
	3821	Mechanical measuring devices.....	595	153	24.6	394.9
3832	----	Optical instruments and lenses.....	494	146	18.8	384.3
	1941	Sighting and fire control equipment.....	18	6	.9	14.2
	3831	Optical instruments and lenses.....	476	140	17.9	370.1
3841	3841	Surgical and medical instruments.....	506	199	34.5	630.0
3842	3842	Surgical appliances and supplies.....	872	256	43.9	929.0
3843	3843	Dental equipment and supplies.....	429	107	12.4	262.3
3851	3851	Ophthalmic goods.....	499	125	26.6	416.3
3861	3861	Photographic equipment and supplies.....	627	225	96.0	4,087.9
3873	---	Watches, clocks, and watchcases.....	202	99	30.8	466.0
	3871	Watches and clocks.....	165	78	27.2	423.0
	3872	Watchcases.....	37	21	3.6	42.9
3911	3911	Jewelry, precious metal.....	1,524	315	32.6	536.0
3914	3914	Silverware and plated ware.....	206	72	13.1	206.8
3915	----	Jewelers' materials and lapidary work.....	567	87	8.0	116.4
	3912	Jewelers' findings and materials.....	239	63	5.7	75.2
	3913	Lapidary work.....	328	24	2.3	41.1

APPENDIX C—Continued

PART 1B. Derivation of New SIC Industries From Old SIC Industries: 1972—Continued

Industry code		Industry	Establishments		All employees (1,000)	Value added by manufacture, adjusted (million dollars)
New SIC	Old SIC		Total	With 20 employees or more		
			(number)	(number)		
3931	----	Musical instruments.....	344	111	24.5	339.3
	3931	Musical instruments and parts.....	344	111	24.5	339.3
3942	3942	Dolls.....	243	105	10.2	98.3
3944	----	Games, toys, and children's vehicles.....	664	284	61.5	980.6
	3941	Games and toys.....	633	267	58.0	940.2
	3943	Children's vehicles, except bicycles.....	31	17	3.5	40.3
3949	3949	Sporting and athletic goods, n.e.c.....	1,553	463	61.0	920.4
3951	----	Pens and mechanical pencils.....	117	64	10.9	213.7
	3951	Pens and mechanical pencils.....	111	59	10.2	200.2
	3953	Marking devices.....	6	5	.7	13.5
3952	3952	Lead pencils and art goods.....	144	49	7.1	108.2
3953	3953	Marking devices.....	621	99	8.1	121.5
3955	3955	Carbon paper and inked ribbons.....	84	52	5.7	113.4
3961	3961	Costume jewelry.....	766	208	21.4	275.7
3962	3962	Artificial flowers.....	263	53	4.8	57.5
3963	3963	Buttons.....	186	51	4.0	51.8
3964	3964	Needles, pins, and fasteners.....	267	125	20.2	334.5
3991	3991	Brooms and brushes.....	450	166	17.5	235.5
3993	3993	Signs and advertising displays.....	3,287	637	49.8	747.7
3995	----	Burial caskets.....	515	189	14.8	210.3
	3994	Morticians' goods.....	515	189	14.8	210.3
3996	3996	Hard surface floor coverings.....	20	11	5.8	212.0
3999	----	Manufacturing industries, n.e.c.....	3,367	614	65.1	897.2
	3999	Manufactures, n.e.c.....	3,367	614	65.1	897.2

APPENDIX C—Continued

PART 2A. Comparability of 1967 SIC Industries to 1972 SIC Industries, Where Revisions Occurred to 1967 Industries

1967 industry		1972 industry	
SIC code	Short title	SIC code	Short title
1911	Guns, howitzers, and mortars	3489 pt.	Ordnance and accessories, n.e.c.
1925	Complete guided missiles	3761	Guided missiles and space vehicles ¹
1929	Ammunition, except for small arms, n.e.c.	3483	Ammunition, except for small arms, n.e.c. ¹
1931	Tanks and tank components	3795	Tanks and tank components ¹
1941	Sighting and fire control equipment:		
	Sighting and fire control equipment, electronic . .	3662 pt.	Radio and TV communication equipment
	Optical instruments and lenses	3832 pt.	Optical instruments and lenses
1951	Small arms	3484	Small arms ¹
1961	Small arms ammunition	3482	Small arms ammunition ¹
1999	Ordnance and accessories, n.e.c.	3489 pt.	Ordnance and accessories, n.e.c.
2011	Meatpacking plants:		
	Meatpacking plants, n.e.c.	2011	Meatpacking plants
	Baby food meats	2032 pt.	Canned specialties
	Pet food, from nonfood animals slaughtered in same plant	2047 pt.	Dog, cat, and other pet food
2013	Sausages and other prepared meats:		
	Sausages and other prepared meats, n.e.c.	2013	Sausages and other prepared meats
	Baby food meats	2032 pt.	Canned specialties
2015	Poultry dressing plants	2016	Poultry dressing plants
		2017	Poultry and egg processing
2031	Canned and cured sea foods	2091	Canned and cured seafoods ¹
2032	Canned specialties	2032 pt.	Canned specialties
2036	Fresh or frozen packaged fish	2092	Fresh or frozen packaged fish ¹
2037	Frozen fruits and vegetables	2037	Frozen fruits and vegetables
		2038	Frozen specialties
2042	Prepared feeds for animals and fowls:		
	Dog, cat, and other pet food	2047 pt.	Dog, cat, and other pet food
	Other prepared feeds	2048	Prepared feeds, n.e.c.
2071	Confectionery products	2065	Confectionery products ¹
2072	Chocolate and cocoa products	2066	Chocolate and cocoa products ¹
2073	Chewing gum	2067	Chewing gum ¹
2091	Cottonseed oil mills	2074	Cottonseed oil mills ¹
2092	Soybean oil mills	2075	Soybean oil mills ¹
2093	Vegetable oil mills, n.e.c.	2076	Vegetable oil mills, n.e.c. ¹
2094	Animal and marine fats and oils	2077	Animal and marine fats and oils ¹
2096	Shortening and cooking oils	2079	Shortening and cooking oils ¹

See footnotes at end of table.

APPENDIX C—Continued

PART 2A. Comparability of 1967 SIC Industries to 1972 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1967 industry		1972 industry	
SIC code	Short title	SIC code	Short title
2256	Knit fabric mills	{ 2257	Circular knit fabric mills
		{ 2258	Warp knit fabric mills
2297	Scouring and combing plants	2299 pt.	Textile goods, n.e.c.
2299	Textile goods, n.e.c.:		
	Nonwoven fabrics	2297	Nonwoven fabrics
	Other textile goods, n.e.c.	2299 pt.	Textile goods, n.e.c.
2426	Hardwood dimension and flooring	2426 pt.	Hardwood dimension and flooring
2431	Millwork:		
	Millwork, n.e.c.	2431	Millwork
	Wood kitchen cabinets to be built-in	2434	Wood kitchen cabinets
2432	Veneer and plywood	{ 2435	Hardwood veneer and plywood
		{ 2436	Softwood veneer and plywood
2433	Prefabricated wood structures	{ 2439	Structural wood members, n.e.c.
		{ 2452	Prefabricated wood buildings
2442	Wirebound boxes and crates		
2443	Veneer and plywood containers	{ 2449	Wood containers, n.e.c.
2445	Cooperage		
2499	Wood products, n.e.c.	{ 2448	Wood pallets and skids
		{ 2492	Particleboard
		{ 2499	Wood products, n.e.c.
2511	Wood household furniture:		
	Wood kitchen cabinets, except to be		
	built-in	2434 pt.	Wood kitchen cabinets
	Wood household furniture, n.e.c.	2511	Wood household furniture
	Wood TV, radio, phonograph, and sewing		
	machine cabinets	2517	Wood TV and radio cabinets
2512	Upholstered household furniture:		
	Wood furniture frames	2426 pt.	Hardwood dimension and flooring
	Upholstered household furniture, n.e.c.	2512	Upholstered household furniture
2644	Wallpaper	2649 pt.	Converted paper products, n.e.c.
2649	Converted paper products, n.e.c.:		
	Stationery products	2648	Stationery products
	Other	2649 pt.	Converted paper products, n.e.c.
2751	Commercial printing, except lithographic:		
	Letterpress and screen	2751	Commercial printing, letterpress
	Gravure	2754	Commercial printing, gravure
2752	Commercial printing, lithographic	{ 2752	Commercial printing, lithographic
		{ 2795	Lithographic platemaking services

See footnotes at end of table.

APPENDIX C—Continued

PART 2A. Comparability of 1967 SIC Industries to 1972 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1967 industry		1972 industry	
SIC code	Short title	SIC code	Short title
2815	Cyclic intermediates and crudes	2865	Cyclic crudes and intermediates ¹
2818	Industrial organic chemicals, n.e.c.:		
	Industrial organic chemicals, n.e.c.	2869	Industrial organic chemicals, n.e.c.
	Urea	2873 pt.	Nitrogenous fertilizers
2819	Industrial inorganic chemicals, n.e.c.:		
	Industrial inorganic chemicals	2819 pt.	Industrial inorganic chemicals, n.e.c.
	Household bleaches	2842 pt.	Polishes and sanitation goods
	Nitrogenous fertilizer materials; nitric acid	2873 pt.	Nitrogenous fertilizers
	Phosphoric acid and diammonium phosphate . . .	2874 pt.	Phosphatic fertilizers
2821	Plastics materials and resins:		
	Plastics materials and resins, n.e.c.	2821	Plastics materials and resins
	Adhesives from resins produced in same estab- lishment	2891 pt.	Adhesives and sealants
	Rods, sheets, etc., from resins produced in same establishment	3079 pt.	Miscellaneous plastics products
2842	Polishes and sanitation goods:		
	Polishes and sanitation goods, n.e.c.	2842 pt.	Polishes and sanitation goods
	Household pesticidal preparations	2879 pt.	Agricultural chemicals, n.e.c.
2851	Paints and allied products:		
	Paints and allied products, n.e.c.	2851	Paints and allied products
	Calking compounds	2891 pt.	Adhesives and sealants
2871	Fertilizers:		
	Natural organic fertilizers, except compost	2873 pt.	Nitrogenous fertilizers
	Phosphatic fertilizers	2874 pt.	Phosphatic fertilizers
2872	Fertilizers, mixing only	2875	Fertilizers, mixing only ¹
2879	Agricultural chemicals, n.e.c.	2879 pt.	Agricultural chemicals, n.e.c.
2891	Adhesives and gelatin:		
	Adhesives	2891 pt.	Adhesives and sealants
	Gelatin and sizes	2899 pt.	Chemical preparations, n.e.c.
2899	Chemical preparations, n.e.c.:		
	Sealants, n.e.c.	2891 pt.	Adhesives and sealants
	Chemical preparations, n.e.c.	2899 pt.	Chemical preparations, n.e.c.
2911	Petroleum refining:		
	Except rerefining of oils, etc.	2911	Petroleum refining
	Rerefining of oils and greases	2992 pt.	Lubricating oils and greases
2952	Asphalt felts and coatings:		
	Linoleum and tile cement	2891 pt.	Adhesives and sealants
	Asphalt felts and coatings, n.e.c.	2952	Asphalt felts and coatings

See footnotes at end of table.

APPENDIX C—Continued

PART 2A. Comparability of 1967 SIC Industries to 1972 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1967 industry		1972 industry	
SIC code	Short title	SIC code	Short title
2992	Lubricating oils and greases	2992 pt.	Lubricating oils and greases
3021	Rubber footwear	3021 pt.	Rubber and plastics footwear
3069	Fabricated rubber products, n.e.c.:		
	Rubber cement	2891 pt.	Adhesives and sealants
	Rubber hose and belting	3041 pt.	Rubber and plastics hose and belting
	Fabricated rubber products, n.e.c.	3069	Fabricated rubber products, n.e.c.
	Rubber packing	3293 pt.	Gaskets, packing and sealing devices
3079	Miscellaneous plastics products:		
	Plastics footwear	3021 pt.	Rubber and plastics footwear
	Plastics hose and belting	3041 pt.	Rubber and plastics hose and belting
	Miscellaneous plastics products, n.e.c.	3079 pt.	Miscellaneous plastics products
3121	Industrial leather belting:		
	Leather belting	3199 pt.	Leather goods, n.e.c.
	Leather packing	3293 pt.	Gaskets, packing and sealing devices
3141	Shoes, except rubber	{ 3143	Men's footwear, except athletic
		{ 3144	Women's footwear, except athletic
		{ 3149	Footwear, except rubber, n.e.c.
3199	Leather goods, n.e.c.	3199 pt.	Leather goods, n.e.c.
3292	Asbestos products	3292 pt.	Asbestos products
3293	Gaskets and insulations:		
	Asbestos insulation	3292 pt.	Asbestos products
	Gaskets and packing, n.e.c.	3293 pt.	Gaskets, packing and sealing devices
3295	Minerals, ground or treated	3295	Minerals, ground or treated ²
3323	Steel foundries	{ 3324	Steel investment foundries
		{ 3325	Steel foundries, n.e.c.
3352	Aluminum rolling and drawing	{ 3353	Aluminum sheet, plate, and foil
		{ 3354	Aluminum extruded products
		{ 3355	Aluminum rolling and drawing, n.e.c.
3391	Iron and steel forgings	3462	Iron and steel forgings ¹
3392	Nonferrous forgings	3463	Nonferrous forgings ¹
3399	Primary metal products, n.e.c.	{ 3398	Metal heat treating
		{ 3399	Primary metal products, n.e.c.
3433	Heating equipment, except electric:		
	Heating equipment, except electric, n.e.c.	3433	Heating equipment, except electric
	Warm air heating equipment	3585 pt.	Refrigeration and heating equipment
3449	Miscellaneous metalwork	{ 3448	Prefabricated metal buildings
		{ 3449	Miscellaneous metalwork

See footnotes at end of table.

APPENDIX C—Continued

PART 2A. Comparability of 1967 SIC Industries to 1972 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1967 industry		1972 industry	
SIC code	Short title	SIC code	Short title
3461	Metal stampings	3465	Automotive stampings
		3466	Crowns and closures
		3469	Metal stampings, n.e.c.
3481	Miscellaneous fabricated wire products	3495	Wire springs
		3496	Miscellaneous fabricated wire products
3491	Metal barrels, drums, and pails	3412	Metal barrels, drums, and pails ¹
3492	Safes and vaults		
3496	Collapsible tubes	3499	Fabricated metal products, n.e.c.
3499	Fabricated metal products, n.e.c.		
3522	Farm machinery:		
	Farm machinery, n.e.c.	3523 pt.	Farm machinery and equipment
	Lawn and garden equipment	3524	Lawn and garden equipment
3531	Construction machinery	3531 pt.	Construction machinery
3533	Oilfield machinery:		
	Well point systems	3531 pt.	Construction machinery
	Oilfield machinery	3533	Oilfield machinery
3536	Hoists, cranes, and monorails	3536 pt.	Hoists, cranes, and monorails
3537	Industrial trucks and tractors:		
	Automatic stacking machines	3536 pt.	Hoists, cranes, and monorails
	Industrial trucks and tractors	3537	Industrial trucks and tractors
3541	Machine tools, metal-cutting types	3541 pt.	Machine tools, metal-cutting types
3548	Metalworking machinery, n.e.c.:		
	Automotive maintenance equipment, metal-		
	cutting types	3541 pt.	Machine tools, metal-cutting types
	Power driven handtools	3546	Power driven handtools
	Rolling mill machinery	3547	Rolling mill machinery
	Metalworking machinery, n.e.c.	3549	Metalworking machinery, n.e.c.
3561	Pumps and compressors	3561	Pumps and pumping equipment
		3563	Air and gas compressors
3562	Ball and roller bearings	3562 pt.	Ball and roller bearings
3566	Power transmission equipment:		
	Mounted ball and roller bearings	3562 pt.	Ball and roller bearings
	Speed changers, drives and gears	3566	Speed changers, drives, and gears
	Power transmission equipment, n.e.c.	3568	Power transmission equipment, n.e.c.
3574	Calculating and accounting machines:		
	Other calculating machines	3574	Calculating and accounting machines
	Voting machines and ticket counting machines ..	3579 pt.	Office machines, n.e.c.

See footnotes at end of table.

APPENDIX C—Continued

PART 2A. Comparability of 1967 SIC Industries to 1972 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1967 industry		1972 industry	
SIC code	Short title	SIC code	Short title
3579	Office machines, n.e.c.	3579 pt.	Office machines, n.e.c.
3582	Commercial laundry equipment:		
	Commercial laundry equipment, n.e.c.	3582	Commercial laundry equipment
	Coin-operated washers and dryers	3633 pt.	Household laundry equipment
3585	Refrigeration machinery	3585 pt.	Refrigeration and heating equipment
3599	Miscellaneous machinery, except electrical:		
	Metal packing	3293 pt.	Gaskets, packing and sealing devices
	Carburetors, pistons, rings, valves	3592	Carburetors, pistons, rings, valves
	Machinery, except electrical, n.e.c.	3599	Machinery, except electrical, n.e.c.
3611	Electric measuring instruments:		
	Instrument transformers	3612 pt.	Transformers
	Instruments to measure electricity	3825	Instruments to measure electricity
3612	Transformers	3612 pt.	Transformers
3633	Household laundry equipment	3633 pt.	Household laundry equipment
		3645	Residential lighting fixtures
3642	Lighting fixtures	3646	Commercial lighting fixtures
		3647	Vehicular lighting equipment
		3648	Lighting equipment, n.e.c.
3662	Radio and TV communication equipment	3662 pt.	Radio and TV communication equipment
		3675	Electronic capacitors
		3676	Electronic resistors
3679	Electronic components, n.e.c.	3677	Electronic coils and transformers
		3678	Electronic connectors
		3679	Electronic components, n.e.c.
3711	Motor vehicles	3711	Motor vehicles and car bodies
3712	Passenger car bodies		
3713	Truck and bus bodies:		
	Truck and bus bodies, n.e.c.	3713	Truck and bus bodies
	Demountable cargo containers	3715 pt.	Truck trailers
3715	Truck trailers	3715 pt.	Truck trailers
3722	Aircraft engines and engine parts	3724	Aircraft engines and engine parts
		3764	Space propulsion units and parts
3723	Aircraft propellers and parts	3728 pt.	Aircraft equipment, n.e.c.
3729	Aircraft equipment, n.e.c.:		
	Aircraft equipment	3728 pt.	Aircraft equipment, n.e.c.
	Space vehicle equipment	3769	Space vehicle equipment, n.e.c.
3741	Locomotives and parts		
3742	Railroad and street cars	3743	Railroad equipment

See footnotes at end of table.

APPENDIX C—Continued

PART 2A. Comparability of 1967 SIC Industries to 1972 SIC Industries, Where Revisions Occurred to 1967 Industries—Continued

1967 industry		1972 industry	
SIC code	Short title	SIC code	Short title
3751	Motorcycles, bicycles, and parts:		
	Motorcycles, bicycles, and parts, n.e.c.	3751	Motorcycles, bicycles, and parts
	Golf carts, etc.	3799 pt.	Transportation equipment, n.e.c.
3791	Trailer coaches:		
	Travel trailers and campers, n.e.c.	3792	Travel trailers and campers
	Mobile homes	2451	Mobile homes
3799	Transportation equipment, n.e.c.:		
	Farm trailers and wagons	3523 pt.	Farm machinery and equipment
	Folding tent-type trailers	3792 pt.	Travel trailers and campers
	Transportation equipment, n.e.c.	3799 pt.	Transportation equipment, n.e.c.
3821	Mechanical measuring devices	3823	Process control instruments
		3824	Fluid meters and counting devices
		3829	Measuring and controlling devices, n.e.c.
3831	Optical instruments and lenses	3832 pt.	Optical instruments and lenses
3871	Watches and clocks	3873	Watches, clocks, and watchcases
3872	Watchcases		
3912	Jewelers' findings and materials	3915	Jewelers' materials and lapidary work
3913	Lapidary work		
3941	Games and toys	3944	Games, toys, and children's vehicles
3943	Children's vehicles, except bicycles		
3951	Pens and mechanical pencils	3951 pt.	Pens and mechanical pencils
3953	Marking devices:		
	Felt tip markers	3951 pt.	Pens and mechanical pencils
	Marking devices	3953	Marking devices
3994	Morticians' goods:		
	Burial caskets	3995	Burial caskets (include in "n.e.c.," industry
	Other morticians' goods	Various	of various groups)

¹ No change in content.

² The classification of separate establishments milling or otherwise preparing nonmetallic minerals in this division and in industry 3295 has been clarified. Industry 3295 will include only establishments crushing or grinding or otherwise preparing minerals mined in industry groups 145 and 149, and industry 1472. Establishments crushing or grinding minerals mined in industry groups 142 and 144 and industries 1473 to 1479 are included in those same industries.

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)		
				(1,000)	(million dollars)	
1911	----	Guns, howitzers, and mortars.....	13	3	3.5	53.6
	3489	Ordnance and accessories, n.e.c.....	13	3	3.5	53.6
1925	----	Complete guided missiles.....	70	57	118.4	2,948.7
	3761	Guided missiles and space vehicles.....	70	57	118.4	2,948.7
1929	----	Ammunition, except for small arms, n.e.c.....	95	77	54.9	679.0
	3483	Ammunition, except for small arms, n.e.c.....	95	77	54.9	679.0
1931	----	Tanks and tank components.....	22	15	5.9	111.7
	3795	Tanks and tank components.....	22	15	5.9	111.7
1941	----	Sighting and fire control equipment.....	18	6	.9	14.2
	3832	Optical instruments and lenses.....	18	6	.9	14.2
1951	----	Small arms.....	82	41	16.1	278.6
	3484	Small arms.....	82	41	16.1	278.6
1961	----	Small arms ammunition.....	62	25	14.0	228.6
	3482	Small arms ammunition.....	62	25	14.0	228.6
1999	----	Ordnance and accessories, n.e.c.....	63	33	21.1	327.4
	3489	Ordnance and accessories, n.e.c.....	63	33	21.1	327.4
2011	----	Meatpacking plants.....	2,472	863	157.1	2,962.9
	2011	Meatpacking plants.....	2,467	858	156.4	2,948.4
	2013	Sausages and other prepared meats.....	5	5	.7	14.5
2013	----	Sausages and other prepared meats.....	1,313	557	58.5	1,105.1
	2011	Meatpacking plants.....	7	5	1.1	19.7
	2013	Sausages and other prepared meats.....	1,306	552	57.4	1,085.4
2015	----	Poultry dressing plants.....	652	462	92.1	892.9
	2016	Poultry dressing plants.....	522	369	77.6	724.4
	2017	Poultry and egg processing.....	130	93	14.6	168.5
2021	2021	Creamery butter.....	231	63	4.0	82.3
2022	2022	Cheese, natural and processed.....	872	281	25.2	492.3
2023	2023	Condensed and evaporated milk.....	283	163	12.3	467.3
2024	2024	Ice cream and frozen desserts.....	697	273	21.1	459.8
2026	2026	Fluid milk.....	2,507	1,287	126.1	2,552.4
2031	----	Canned and cured seafoods.....	310	139	16.0	231.4
	2091	Canned and cured seafoods.....	310	139	16.0	231.4
2032	2032	Canned specialties.....	203	88	29.1	814.6
2033	2033	Canned fruits and vegetables.....	1,038	621	89.8	1,625.1
2034	----	Dehydrated food products.....	178	88	12.4	235.7
	2034	Dehydrated fruits, vegetables, soups.....	178	88	12.4	235.7
2035	2035	Pickles, sauces, and salad dressings.....	495	191	20.8	428.0
2036	----	Fresh or frozen packaged fish.....	519	257	25.0	287.5
	2092	Fresh or frozen packaged fish.....	519	257	25.0	287.5
2037	----	Frozen fruits and vegetables.....	643	401	81.1	1,410.9
	2037	Frozen fruits and vegetables.....	208	190	42.8	694.6
	2038	Frozen specialties.....	435	211	38.3	716.3
2041	2041	Flour and other grain mill products.....	457	181	16.1	509.8
2042	----	Prepared feeds for animals and fowls.....	2,341	767	58.3	1,714.3
	2047	Dog, cat, and other pet food.....	221	113	14.3	613.8
	2048	Prepared feeds, n.e.c.....	2,120	654	44.0	1,100.5
2043	----	Cereal preparations.....	47	26	12.9	688.4
	2043	Cereal breakfast foods.....	47	26	12.9	688.4
2044	2044	Rice milling.....	57	35	4.0	148.3
2045	2045	Blended and prepared flour.....	137	57	7.9	306.8
2046	2046	Wet corn milling.....	41	27	12.1	331.2
2051	2051	Bread, cake, and related products.....	3,318	1,374	193.5	3,518.1
2052	2052	Cookies and crackers.....	315	177	41.1	1,018.9
2061	2061	Raw cane sugar.....	77	62	7.1	151.7
2062	2062	Cane sugar refining.....	33	28	10.9	383.9
2063	2063	Beet sugar.....	61	54	11.5	310.5
2071	----	Confectionery products.....	1,011	394	60.7	1,115.6
	2065	Confectionery products.....	1,011	394	60.7	1,115.6
2072	----	Chocolate and cocoa products.....	48	30	10.0	282.6
	2066	Chocolate and cocoa products.....	48	30	10.0	282.2

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)		
			(number)	(number)	(1,000)	(million dollars)
2073	----	Chewing gum.....	19	16	6.9	228.4
	2067	Chewing gum.....	19	16	6.9	228.4
2082	----	Malt liquors.....	167	130	51.5	1,993.6
	2082	Malt beverages.....	167	130	51.5	1,993.6
2083	2083	Malt.....	40	26	1.7	55.0
2084	2084	Wines, brandy and brandy spirits.....	213	74	9.4	407.9
2085	2085	Distilled liquor, except brandy.....	121	96	18.4	1,024.0
2086	2086	Bottled and canned soft drinks.....	2,683	1,552	121.1	2,336.7
2087	2087	Flavoring extracts and sirups, n.e.c.....	400	115	10.1	871.9
2091	----	Cottonseed oil mills.....	115	84	5.5	88.2
	2074	Cottonseed oil mills.....	115	84	5.5	88.2
2092	----	Soybean oil mills.....	94	74	9.1	350.0
	2075	Soybean oil mills.....	94	74	9.1	350.0
2093	----	Vegetable oil mills, n.e.c.....	32	18	1.2	44.8
	2076	Vegetable oil mills, n.e.c.....	32	18	1.2	44.8
2094	----	Animal and marine fats and oils.....	511	196	11.6	296.7
	2077	Animal and marine fats and oils.....	511	196	11.6	296.7
2095	2095	Roasted coffee.....	213	104	12.9	825.8
2096	----	Shortening and cooking oils.....	109	86	12.9	512.6
	2079	Shortening and cooking oils.....	109	86	12.9	512.6
2097	2097	Manufactured ice.....	818	87	6.8	91.7
2098	2098	Macaroni and spaghetti.....	194	64	7.3	155.7
2099	2099	Food preparations, n.e.c.....	2,099	658	66.2	1,805.2
2111	2111	Cigarettes.....	20	11	38.1	2,188.4
2121	2121	Cigars.....	124	51	13.5	191.9
2131	2131	Chewing and smoking tobacco.....	37	22	3.3	103.2
2141	2141	Tobacco stemming and redrying.....	91	70	11.4	153.6
2211	2211	Weaving mills, cotton.....	307	227	121.3	1,256.3
2221	----	Weaving mills, synthetics.....	412	341	149.7	1,831.6
	2221	Weaving mills, manmade fiber and silk.....	412	341	149.7	1,831.6
2231	2231	Weaving and finishing mills, wool.....	198	119	19.4	239.4
2241	2241	Narrow fabric mills.....	376	215	27.1	289.0
2251	2251	Women's hosiery, except socks.....	312	217	49.5	438.8
2252	2252	Hosiery, n.e.c.....	415	269	32.6	295.2
2253	2253	Knit outerwear mills.....	917	547	74.4	799.5
2254	2254	Knit underwear mills.....	87	74	26.0	251.5
2256	----	Knit fabric mills.....	919	585	90.0	1,353.8
	2257	Circular knit fabric mills.....	716	430	68.1	1,036.0
	2258	Warp knit fabric mills.....	203	155	22.0	317.8
2259	2259	Knitting mills, n.e.c.....	73	33	3.9	41.8
2261	2261	Finishing plants, cotton.....	196	115	25.7	322.0
2262	----	Finishing plants, synthetics.....	258	189	35.2	521.5
	2262	Finishing plants, manmade fiber and silk.....	258	189	35.2	521.5
2269	2269	Finishing plants, n.e.c.....	201	128	18.5	270.4
2271	2271	Woven carpets and rugs.....	65	18	6.5	93.2
2272	2272	Tufted carpets and rugs.....	379	235	50.1	926.8
2279	2279	Carpets and rugs, n.e.c.....	85	27	3.3	58.2
2281	2281	Yarn mills, except wool.....	424	357	89.6	867.2
2282	2282	Throwing and winding mills.....	212	169	38.0	477.8
2283	2283	Wool yarn mills.....	98	63	8.3	92.7
2284	2284	Thread mills.....	73	45	11.7	141.8
2291	----	Felt goods, n.e.c.....	47	30	5.0	80.5
	2291	Felt goods, except woven felts and hats.....	47	30	5.0	80.5
2292	2292	Lace goods.....	105	29	2.9	29.4
2293	2293	Padding and upholstery filling.....	132	59	4.4	64.0

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries—Continued

Industry code		Industry	Establishments		All employees (1,000)	Value added by manufacture, adjusted (million dollars)
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)		
2294	2294	Processed textile waste.....	106	37	3.6	50.9
2295	2295	Coated fabrics, not rubberized.....	203	132	18.0	382.4
2296	2296	Tire cord and fabric.....	18	18	10.0	145.8
2297	----	Scouring and combing plants.....	48	27	3.4	39.1
	2299	Textile goods, n.e.c.....	48	27	3.4	39.1
2298	2298	Cordage and twine.....	156	81	9.0	96.3
2299	----	Textile goods, n.e.c.....	381	119	15.6	260.5
	2297	Nonwoven fabrics.....	84	67	10.8	191.8
	2299	Textile goods, n.e.c.....	297	52	4.8	68.7
2311	----	Men's and boys' suits and coats.....	860	574	125.8	1,369.6
	2311	Men's and boys' suits and coats.....	856	570	124.8	1,342.2
	2329	Men's and boys' clothing, n.e.c.....	4	4	1.0	27.4
2321	2321	Men's and boys' shirts and nightware.....	730	563	113.4	1,003.8
2322	2322	Men's and boys' underwear.....	94	73	16.0	130.9
2323	2323	Men's and boys' neckwear.....	299	135	11.1	143.4
2327	2327	Men's and boys' separate trousers.....	624	428	91.3	784.9
2328	2328	Men's and boys' work clothing.....	503	435	89.6	784.8
2329	2329	Men's and boys' clothing, n.e.c.....	533	362	40.9	366.4
2331	2331	Women's and misses' blouses and waists.....	971	703	63.0	592.4
2335	2335	Women's and misses' dresses.....	5,565	2,978	211.6	1,888.7
2337	2337	Women's and misses' suits and coats.....	1,617	1,022	75.9	839.8
2339	2339	Women's and misses' outerwear, n.e.c.....	1,373	897	82.1	781.0
2341	2341	Women's and children's underwear.....	730	484	77.5	709.0
2342	----	Corsets and allied garments.....	272	193	28.0	340.0
	2342	Brassieres and allied garments.....	272	193	28.0	340.0
2351	2351	Millinery.....	216	52	3.2	33.2
2352	2352	Hats and caps, except millinery.....	280	122	11.3	100.2
2361	2361	Children's dresses and blouses.....	490	353	35.4	335.8
2363	2363	Children's coats and suits.....	165	105	9.2	90.4
2369	2369	Children's outerwear, n.e.c.....	406	265	30.1	282.9
2371	2371	Fur goods.....	797	48	4.7	86.2
2381	2381	Fabric dress and work gloves.....	137	94	11.9	100.3
2384	2384	Robes and dressing gowns.....	179	110	10.0	92.5
2385	2385	Waterproof outer garments.....	258	165	15.4	168.8
2386	2386	Leather and sheep lined clothing.....	187	91	7.0	82.1
2387	2387	Apparel belts.....	297	132	10.3	132.5
2389	2389	Apparel and accessories, n.e.c.....	244	87	7.3	59.7
2391	2391	Curtains and draperies.....	1,592	351	33.9	302.3
2392	2392	Housefurnishings, n.e.c.....	1,112	414	50.3	585.2
2393	2393	Textile bags.....	208	94	7.9	74.5
2394	----	Canvas products.....	860	146	12.9	130.3
	2394	Canvas and related products.....	860	146	12.9	130.3
2395	2395	Pleating and stitching.....	898	205	16.7	174.7
2396	2396	Automotive and apparel trimmings.....	668	203	27.6	530.8
2397	2397	Schiffli machine embroideries.....	451	56	5.5	75.0
2399	2399	Fabricated textile products, n.e.c.....	822	286	31.4	315.5
2411	2411	Logging camps and logging contractors.....	13,238	696	80.0	1,163.4
2421	2421	Sawmills and planing mills, general.....	8,071	1,717	166.6	2,906.0
2426	2426	Hardwood dimension and flooring.....	612	285	25.6	223.0
2429	2429	Special product sawmills, n.e.c.....	447	86	6.4	80.1
2431	----	Millwork.....	3,327	945	87.5	1,163.7
	2431	Millwork.....	2,434	720	70.5	962.7
	2434	Wood kitchen cabinets.....	893	225	17.1	201.0

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries—Continued

Industry code		Industry	Establishments		All employees (1,000)	Value added by manufacture, adjusted (million dollars)
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)		
2432	----	Veneer and plywood.....	598	479	68.8	1,276.2
	2435	Hardwood veneer and plywood.....	366	254	25.1	340.8
	2436	Softwood veneer and plywood.....	232	225	43.7	935.4
2433	----	Prefabricated wood structures.....	988	441	37.8	639.9
	2439	Structural wood members, n.e.c.....	678	196	12.6	182.8
	2452	Prefabricated wood buildings.....	310	245	25.2	457.1
2441	----	Nailed wooden boxes and shook.....	436	130	10.7	103.8
	2441	Nailed wood boxes and shook.....	436	130	10.7	103.8
2442	----	Wirebound boxes and crates.....	136	58	7.7	71.2
	2449	Wood containers, n.e.c.....	136	58	7.7	71.2
2443	----	Veneer and plywood containers.....	60	25	1.9	13.1
	2449	Wood containers, n.e.c.....	60	25	1.9	13.1
2445	----	Cooperage.....	72	17	2.3	29.8
	2449	Wood containers, n.e.c.....	72	17	2.3	29.8
2491	2491	Wood preserving.....	399	168	11.3	175.8
2499	----	Wood products, n.e.c.....	3,657	982	85.0	1,094.5
	2448	Wood pallets and skids.....	456	271	14.3	140.9
	2492	Particleboard.....	68	65	7.7	144.5
	2499	Wood products, n.e.c.....	3,133	646	63.0	809.1
2511	----	Wood household furniture.....	3,354	1,063	174.4	2,019.5
	2434	Wood kitchen cabinets.....	903	171	21.7	285.7
	2511	Wood household furniture.....	2,348	827	133.8	1,556.9
	2517	Wood TV and radio cabinets.....	103	65	18.9	176.9
2512	----	Upholstered household furniture.....	1,629	849	98.0	1,153.1
	2426	Hardwood dimension and flooring.....	321	79	5.9	49.1
	2512	Upholstered household furniture.....	1,308	770	92.0	1,104.0
2514	2514	Metal household furniture.....	467	230	34.4	447.2
2515	2515	Mattresses and bedsprings.....	977	370	31.4	479.9
2519	2519	Household furniture, n.e.c.....	166	73	6.9	95.6
2521	2521	Wood office furniture.....	240	104	11.5	146.7
2522	2522	Metal office furniture.....	193	118	27.8	513.2
2531	----	Public building furniture.....	421	194	21.0	288.3
	2531	Public building and related furniture.....	421	194	21.0	288.3
2541	2541	Wood partitions and fixtures.....	1,503	413	31.2	458.6
2542	2542	Metal partitions and fixtures.....	507	239	26.2	412.4
2591	----	Venetian blinds and shades.....	505	66	12.1	198.2
	2591	Drapery hardware and blinds and shades.....	505	66	12.1	198.2
2599	2599	Furniture and fixtures, n.e.c.....	494	177	14.5	211.7
2611	2611	Pulpmills.....	60	35	10.6	306.9
2621	2621	Papermills, except building paper.....	349	295	129.9	2,909.3
2631	2631	Paperboard mills.....	273	248	68.5	1,994.4
2641	2641	Paper coating and glazing.....	426	217	37.2	984.4
2642	2642	Envelopes.....	247	183	22.9	347.1
2643	2643	Bags, except textile bags.....	583	331	48.6	840.5
2644	----	Wallpaper.....	83	35	2.9	50.5
	2649	Converted paper products, n.e.c.....	83	35	2.9	50.5
2645	2645	Die-cut paper and board.....	374	159	15.2	301.6
2646	2646	Pressed and molded pulp goods.....	49	38	6.1	100.6
2647	2647	Sanitary paper products.....	108	85	26.3	882.8
2649	----	Converted paper products, n.e.c.....	655	277	29.9	500.7
	2648	Stationery products.....	431	131	14.7	225.6
	2649	Converted paper products, n.e.c.....	224	146	15.1	275.1
2651	2651	Folding paperboard boxes.....	544	376	45.3	739.7
2652	2652	Setup paperboard boxes.....	397	269	18.1	195.9
2653	2653	Corrugated and solid fiber boxes.....	1,265	959	107.9	1,736.9
2654	2654	Sanitary food containers.....	251	193	35.1	659.8

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)		
			(1,000)		(million dollars)	
2655	----	Fiber cans, drums, and related materials.....	282	182	17.3	266.4
	2655	Fiber cans, drums, and similar products.....	282	182	17.3	266.4
2661	2661	Building paper and board mills.....	92	74	11.6	246.5
2711	2711	Newspapers.....	8,116	2,119	348.5	6,219.9
2721	2721	Periodicals.....	2,534	452	66.5	2,109.9
2731	2731	Book publishing.....	1,205	307	57.1	1,935.8
2732	2732	Book printing.....	700	287	40.9	604.5
2741	2741	Miscellaneous publishing.....	2,041	272	38.8	775.8
2751	----	Commercial printing, except lithographic.....	13,333	1,259	150.3	2,375.2
	2751	Commercial printing, letterpress.....	13,198	1,171	130.1	2,003.0
	2754	Commercial printing, gravure.....	135	88	20.0	372.2
2752	----	Commercial printing, lithographic.....	8,724	2,259	193.0	3,340.2
	2752	Commercial printing, lithographic.....	8,388	2,135	184.0	3,155.1
	2795	Lithographic platemaking services.....	336	124	8.9	185.1
2753	2753	Engraving and plate printing.....	560	132	9.6	152.4
2761	2761	Manifold business forms.....	667	376	38.6	823.6
2771	2771	Greeting card publishing.....	199	82	23.5	527.0
2782	2782	Blankbooks and looseleaf binders.....	461	240	26.6	390.6
2789	2789	Bookbinding and related work.....	1,004	301	25.1	296.2
2791	2791	Typesetting.....	1,887	373	26.0	426.0
2793	2793	Photoengraving.....	590	135	9.9	191.7
2794	2794	Electrotyping and stereotyping.....	81	24	1.7	28.5
2812	2812	Alkalies and chlorine.....	48	39	13.3	455.6
2813	2813	Industrial gases.....	503	138	9.6	466.7
2815	----	Cyclic intermediates and crudes.....	174	118	28.2	929.7
	2865	Cyclic crudes and intermediates.....	174	118	28.2	929.7
2816	2816	Inorganic pigments.....	114	69	12.8	382.6
2818	----	Industrial organic chemicals, n.e.c.....	521	302	103.7	5,073.6
	2869	Industrial organic chemicals, n.e.c.....	514	295	102.4	4,988.0
	2873	Nitrogenous fertilizers.....	7	7	1.3	85.6
2819	----	Industrial inorganic chemicals, n.e.c.....	788	382	76.6	2,604.1
	2819	Industrial inorganic chemicals, n.e.c.....	384	264	63.8	2,038.2
	2842	Polishes and sanitation goods.....	329	51	3.9	181.1
	2873	Nitrogenous fertilizers.....	66	61	8.1	362.0
	2874	Phosphatic fertilizers.....	9	6	.9	22.8
2821	----	Plastics materials and resins.....	979	483	82.0	2,766.8
	2821	Plastics materials and resins.....	323	263	54.8	2,160.5
	2891	Adhesives and sealants.....	45	23	1.6	39.0
	3079	Miscellaneous and plastics products.....	611	197	25.6	567.3
2822	2822	Synthetic rubber.....	59	34	11.8	491.7
2823	2823	Cellulosic manmade fibers.....	18	12	17.1	243.5
2824	2824	Organic fibers, noncellulosic.....	61	55	78.2	2,039.8
2831	2831	Biological products.....	182	62	10.1	231.4
2833	2833	Medicinals and botanicals.....	140	51	7.8	260.0
2834	2834	Pharmaceutical preparations.....	756	312	112.0	5,639.5
2841	2841	Soap and other detergents.....	642	199	31.5	2,038.8
2842	----	Polishes and sanitation goods.....	868	207	22.0	978.6
	2842	Polishes and sanitation goods.....	779	192	21.1	937.0
	2879	Agricultural chemicals, n.e.c.....	89	15	.8	41.6
2843	2843	Surface active agents.....	178	86	6.9	209.5
2844	2844	Toilet preparations.....	645	204	48.2	2,834.1
2851	----	Paints and allied products.....	1,637	712	68.5	1,869.7
	2851	Paints and allied products.....	1,599	687	65.9	1,791.7
	2891	Adhesives and sealants.....	38	25	2.6	78.0

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)		
			(1,000)	(million dollars)		
2861	2861	Gum and wood chemicals.....	139	41	5.9	155.4
2871	----	Fertilizers.....	157	116	14.4	413.1
	2873	Nitrogenous fertilizers.....	7	5	.1	2.9
	2874	Phosphatic fertilizers.....	136	109	14.0	403.6
	2875	Fertilizers, mixing only.....	14	2	.3	6.6
2872	----	Fertilizers, mixing only.....	613	186	11.1	257.1
	2875	Fertilizers, mixing only.....	613	186	11.1	257.1
2879	2879	Agricultural chemicals, n.e.c.....	299	98	11.4	557.3
2891	----	Adhesives and gelatin.....	358	131	11.0	341.5
	2891	Adhesives and sealants.....	342	118	9.0	260.1
	2899	Chemical preparations, n.e.c.....	16	13	1.9	81.4
2892	2892	Explosives.....	92	50	18.6	281.7
2893	2893	Printing ink.....	407	145	9.6	232.0
2895	2895	Carbon black.....	37	33	2.9	137.6
2899	2899	Chemical preparations, n.e.c.....	1,590	347	35.1	1,043.3
2911	2911	Petroleum refining.....	323	277	100.8	4,594.7
2951	2951	Paving mixtures and blocks.....	964	169	13.9	403.1
2952	2952	Asphalt felts and coatings.....	235	140	15.6	443.3
2992	2992	Lubricating oils and greases.....	443	117	8.1	295.8
2999	2999	Petroleum and coal products, n.e.c.....	51	17	1.1	56.3
3011	3011	Tires and inner tubes.....	206	126	107.5	3,070.8
3021	----	Rubber footwear.....	81	50	28.1	332.5
	3021	Rubber and plastics footwear.....	81	50	28.1	332.5
3031	3031	Reclaimed rubber.....	20	9	.9	15.6
3069	----	Fabricated rubber products, n.e.c.....	1,294	746	142.6	2,386.2
	2891	Adhesives and sealants.....	38	21	1.6	49.6
	3041	Rubber and plastics hose and belting.....	74	62	30.1	580.1
	3069	Fabricated rubber products, n.e.c.....	1,116	606	99.0	1,573.1
	3293	Gaskets, packing and sealing devices.....	66	57	11.9	183.4
3079	----	Miscellaneous plastics products.....	7,129	3,138	326.6	5,513.8
	3021	Rubber and plastics footwear.....	26	24	3.5	37.8
	3041	Rubber and plastics hose and belting.....	16	11	1.8	38.6
	3079	Miscellaneous plastics products.....	7,087	3,103	321.3	5,437.4
3111	3111	Leather tanning and finishing.....	517	223	25.7	368.3
3121	----	Industrial leather belting.....	53	14	1.0	15.1
	3199	Leather goods, n.e.c.....	50	11	.8	13.0
	3293	Gaskets, packing and sealing devices.....	3	3	.2	2.1
3131	----	Footwear cut stock.....	248	121	8.7	86.2
	3131	Boot and shoe cut stock and findings.....	248	121	8.7	86.2
3141	----	Shoes, except rubber.....	826	646	167.6	1,710.5
	3143	Men's footwear, except athletic.....	221	197	61.5	674.4
	3144	Women's footwear, except athletic.....	422	316	77.4	763.6
	3149	Footwear, except rubber, n.e.c.....	183	133	28.7	272.5
3142	3142	House slippers.....	91	66	8.5	85.7
3151	3151	Leather gloves and mittens.....	106	60	4.9	43.0
3161	3161	Luggage.....	277	130	17.1	194.1
3171	3171	Women's handbags and purses.....	444	214	22.2	201.5
3172	----	Personal leather goods.....	244	98	11.5	143.7
	3172	Personal leather goods, n.e.c.....	244	98	11.5	143.7
3199	3199	Leather goods, n.e.c.....	398	88	6.3	71.4
3211	3211	Flat glass.....	32	30	20.9	662.1
3221	3221	Glass containers.....	117	115	72.9	1,399.7
3229	3229	Pressed and blown glass, n.e.c.....	252	110	45.9	941.4
3231	3231	Products of purchased glass.....	913	284	33.7	668.9
3241	3241	Cement, hydraulic.....	198	171	20.0	1,153.5

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries—Continued

Industry code		Industry	Establishments		All employees (1,000)	Value added by manufacture, adjusted (million dollars)
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)		
3251	3251	Brick and structural clay tile.....	417	302	24.1	336.4
3253	3253	Ceramic wall and floor tile.....	83	56	8.3	112.3
3255	3255	Clay refractories.....	156	101	11.2	202.1
3259	3259	Structural clay products, n.e.c.....	119	70	8.2	119.8
3261	3261	Vitreous plumbing fixtures.....	59	40	9.6	186.8
3262	3262	Vitreous china food utensils.....	34	20	5.9	67.4
3263	3263	Fine earthenware food utensils.....	18	15	6.8	56.2
3264	3264	Porcelain electrical supplies.....	83	64	13.4	190.4
3269	3269	Pottery products, n.e.c.....	426	95	9.1	99.9
3271	3271	Concrete block and brick.....	1,388	416	22.8	438.5
3272	3272	Concrete products, n.e.c.....	3,595	923	67.7	1,190.1
3273	3273	Ready-mixed concrete.....	4,915	1,328	85.7	1,756.7
3274	3274	Lime.....	103	69	5.7	129.3
3275	3275	Gypsum products.....	114	84	11.2	325.1
3281	3281	Cut stone and stone products.....	908	192	15.0	191.4
3291	3291	Abrasive products.....	392	167	24.5	529.6
3292	3292	Asbestos products.....	132	90	20.2	409.2
3293	----	Gaskets and insulation.....	304	127	14.6	219.6
	3292	Asbestos products.....	10	7	.8	16.9
	3293	Gaskets, packing and sealing devices.....	294	120	13.8	202.8
3295	3295	Minerals, ground or treated.....	488	152	9.5	237.2
3296	3296	Mineral wool.....	108	75	18.0	441.5
3297	3297	Nonclay refractories.....	90	60	8.1	191.1
3299	3299	Nonmetallic mineral products, n.e.c.....	491	81	6.3	104.7
3312	3312	Blast furnaces and steel mills.....	364	251	469.1	10,304.7
3313	3313	Electrometallurgical products.....	40	31	9.5	217.2
3315	3315	Steel wire and related products.....	289	199	30.6	583.5
3316	3316	Cold finishing of steel shapes.....	125	93	20.1	504.6
3317	3317	Steel pipe and tubes.....	152	122	23.6	506.1
3321	3321	Gray iron foundries.....	993	723	138.4	2,257.0
3322	3322	Malleable iron foundries.....	73	64	22.5	342.6
3323	----	Steel foundries.....	334	263	57.9	881.6
	3324	Steel investment foundries.....	74	62	11.2	175.6
	3325	Steel foundries, n.e.c.....	260	201	46.7	706.0
3331	3331	Primary copper.....	31	31	17.2	487.8
3332	3332	Primary lead.....	16	15	2.8	128.7
3333	3333	Primary zinc.....	15	15	6.3	121.6
3334	3334	Primary aluminum.....	31	31	25.6	816.0
3339	3339	Primary nonferrous metals, n.e.c.....	84	32	6.7	151.5
3341	3341	Secondary nonferrous metals.....	381	184	17.8	410.9
3351	3351	Copper rolling and drawing.....	149	117	37.8	800.3
3352	----	Aluminum rolling and drawing.....	246	192	63.6	1,177.1
	3353	Aluminum sheet, plate, and foil.....	50	49	31.3	692.3
	3354	Aluminum extruded products.....	180	128	27.7	427.6
	3355	Aluminum rolling and drawing, n.e.c.....	16	15	4.6	57.3
3356	3356	Nonferrous rolling and drawing, n.e.c.....	167	97	18.1	374.1
3357	3357	Nonferrous wiredrawing and insulating.....	341	278	68.8	1,448.0
3361	----	Aluminum castings.....	1,005	430	45.7	718.3
	3361	Aluminum foundries.....	1,005	430	45.7	718.3
3362	----	Brass, bronze, and copper castings.....	507	195	15.4	236.9
	3362	Brass, bronze, and copper foundries.....	507	195	15.4	236.9
3369	----	Nonferrous castings, n.e.c.....	329	167	20.3	314.0
	3369	Nonferrous foundries, n.e.c.....	329	167	20.3	314.0

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)		
			(number)	(number)	(1,000)	(million dollars)
3391	----	Iron and steel forgings.....	280	180	34.3	661.8
	3462	Iron and steel forgings.....	280	180	34.3	661.8
3392	----	Nonferrous forgings.....	46	33	5.8	104.0
	3463	Nonferrous forgings.....	46	33	5.8	104.0
3399	----	Primary metal products, n.e.c.....	1,120	371	25.1	475.6
	3398	Metal heat treating.....	952	266	17.2	310.6
	3399	Primary metal products, n.e.c.....	168	105	7.9	165.0
3411	3411	Metal cans.....	396	309	68.5	1,815.8
3421	3421	Cutlery.....	134	69	13.4	322.3
3423	3423	Hand and edge tools, n.e.c.....	626	255	39.3	780.0
3425	3425	Handsaws and saw blades.....	91	52	6.6	127.5
3429	3429	Hardware, n.e.c.....	1,053	482	99.9	2,023.6
3431	3431	Metal sanitary ware.....	95	50	11.2	208.2
3432	3432	Plumbing fittings and brass goods.....	230	112	18.6	361.8
3433	----	Heating equipment, except electric.....	471	219	40.6	752.2
	3433	Heating equipment, except electric.....	432	191	30.9	561.6
	3585	Refrigeration and heating equipment.....	39	28	9.7	190.5
3441	3441	Fabricated structural metal.....	2,154	1,094	104.3	1,730.7
3442	3442	Metal doors, sash, and trim.....	1,558	646	70.7	1,003.7
3443	3443	Fabricated platework (boiler shops).....	1,486	795	93.0	1,758.7
3444	3444	Sheet metalwork.....	3,117	933	74.0	1,299.9
3446	3446	Architectural metalwork.....	1,459	250	20.9	311.8
3449	----	Miscellaneous metalwork.....	577	308	32.0	638.1
	3448	Prefabricated metal buildings.....	159	88	12.5	275.9
	3449	Miscellaneous metalwork.....	418	220	19.5	362.2
3451	3451	Screw machine products.....	1,804	612	40.5	648.5
3452	3452	Bolts, nuts, rivets, and washers.....	678	396	60.1	1,196.8
3461	----	Metal stampings.....	2,860	1,392	223.2	4,288.3
	3465	Automotive stampings.....	453	364	123.3	2,663.8
	3466	Crowns and closures.....	53	48	8.1	166.7
	3469	Metal stampings, n.e.c.....	2,356	982	92.0	1,461.0
3471	3471	Plating and polishing.....	3,264	825	54.6	741.2
3479	3479	Metal coating and allied services.....	1,497	372	27.6	379.2
3481	----	Miscellaneous fabricated wire products.....	1,494	627	56.8	844.5
	3495	Wire springs.....	284	216	23.7	340.7
	3496	Miscellaneous fabricated wire products.....	1,211	412	33.2	504.4
3491	----	Metal barrels, drums, and pails.....	157	99	10.2	188.8
	3412	Metal barrels, drums, and pails.....	157	99	10.2	188.8
3492	----	Safes and vaults.....	44	19	4.1	79.0
	3499	Fabricated metal products, n.e.c.....	44	19	4.1	79.0
3493	----	Steel springs.....	110	53	8.5	149.7
	3493	Steel springs, except wire.....	110	53	8.5	149.7
3494	3494	Valves and pipe fittings.....	780	464	94.3	1,751.2
3496	----	Collapsible tubes.....	20	17	2.6	29.0
	3499	Fabricated metal products, n.e.c.....	20	17	2.6	29.0
3497	3497	Metal foil and leaf.....	63	40	5.4	126.5
3498	3498	Fabricated pipe and fittings.....	423	202	17.5	363.1
3499	3499	Fabricated metal products, n.e.c.....	2,279	617	55.1	939.5
3511	----	Steam engines and turbines.....	75	46	46.2	1,225.3
	3511	Turbines and turbine generator sets.....	75	46	46.2	1,225.3
3519	3519	Internal combustion engines, n.e.c.....	178	108	69.9	1,674.2
3522	----	Farm machinery.....	1,583	625	122.5	2,648.0
	3523	Farm machinery and equipment.....	1,473	539	101.8	2,195.4
	3524	Lawn and garden equipment.....	110	86	20.7	453.2

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)		
					(1,000)	(million dollars)
3531	3531	Construction machinery.....	748	387	133.8	3,130.7
3532	3532	Mining machinery.....	240	124	21.3	393.2
3533	3533	Oilfield machinery.....	315	159	35.9	788.6
3534	3534	Elevators and moving stairways.....	154	88	15.0	310.2
3535	3535	Conveyors and conveying equipment.....	492	243	27.2	540.1
3536	3536	Hoists, cranes, and monorails.....	188	92	16.3	274.7
3537	3537	Industrial trucks and tractors.....	380	135	25.8	524.7
3541	3541	Machine tools, metal-cutting types.....	894	275	52.5	901.7
3542	----	Machine tools, metal-forming types.....	383	162	24.1	417.7
	3542	Machine tools, metal-forming types.....	383	162	24.1	417.7
3544	3544	Special dies, tools, jigs, and fixtures.....	6,616	1,266	97.8	1,797.4
3545	3545	Machine tool accessories.....	1,231	413	46.7	876.1
3548	----	Metalworking machinery, n.e.c.....	528	237	47.1	908.8
	3546	Power driven handtools.....	88	65	23.1	434.5
	3547	Rolling mill machinery.....	47	38	10.4	206.4
	3549	Metalworking machinery, n.e.c.....	393	134	13.6	267.9
3551	3551	Food products machinery.....	688	290	31.9	605.2
3552	3552	Textile machinery.....	579	225	32.7	487.9
3553	3553	Woodworking machinery.....	242	109	13.7	285.1
3554	3554	Paper industries machinery.....	218	109	15.3	254.0
3555	3555	Printing trades machinery.....	574	173	23.9	503.6
3559	3559	Special industry machinery, n.e.c.....	1,384	525	72.6	1,596.1
3561	----	Pumps and compressors.....	643	324	78.5	1,563.1
	3561	Pumps and pumping equipment.....	559	260	55.5	1,095.6
	3563	Air and gas compressors.....	84	64	22.9	467.5
3562	3562	Ball and roller bearings.....	132	92	49.2	898.7
3564	3564	Blowers and fans.....	396	172	23.5	468.8
3565	3565	Industrial patterns.....	1,021	97	8.5	161.0
3566	----	Power transmission equipment.....	505	284	51.9	986.6
	3562	Ball and roller bearings.....	4	2	1.8	33.2
	3566	Speed changers, drives, and gears.....	346	155	22.5	409.0
	3568	Power transmission equipment, n.e.c.....	155	127	27.7	544.4
3567	3567	Industrial furnaces and ovens.....	266	108	13.6	244.3
3569	3569	General industrial machinery, n.e.c.....	901	360	37.0	697.7
3572	----	Typewriters.....	21	12	12.4	371.3
	3579	Office machines, n.e.c.....	21	12	12.5	371.3
3573	3573	Electronic computing equipment.....	602	355	144.8	3,497.6
3574	----	Calculating and accounting machines.....	82	33	23.2	421.6
	3574	Calculating and accounting machines.....	79	30	22.5	407.0
	3579	Office machines, n.e.c.....	3	3	.7	14.5
3576	----	Scales and balances.....	97	44	6.7	129.7
	3576	Scales and balances, except laboratory.....	97	44	6.7	129.7
3579	3579	Office machines, n.e.c.....	193	82	21.3	484.3
3581	3581	Automatic merchandising machines.....	125	48	10.5	183.4
3582	----	Commercial laundry equipment.....	110	49	5.2	93.6
	3582	Commercial laundry equipment.....	107	47	4.8	88.2
	3633	Household laundry equipment.....	3	2	.4	5.4
3585	----	Refrigeration machinery.....	735	415	141.2	3,326.9
	3585	Refrigeration and heating equipment.....	735	415	141.2	3,326.9
3586	3586	Measuring and dispensing pumps.....	57	33	7.2	134.1
3589	3589	Service industry machines, n.e.c.....	706	232	24.4	503.6
3599	----	Miscellaneous machinery, except electrical.....	16,411	2,022	186.2	3,055.8
	3293	Gaskets, packing and sealing devices.....	11	4	1.8	40.3
	3592	Carburetors, pistons, rings, valves.....	113	72	26.7	500.0
	3599	Machinery, except electrical, n.e.c.....	16,287	1,946	157.8	2,515.5
3611	----	Electric measuring instruments.....	653	271	55.6	1,059.4
	3612	Transformers.....	8	7	.9	15.9
	3825	Instruments to measure electricity.....	645	265	54.7	1,046.8

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)		
			(1,000)	(million dollars)		
3612	3612	Transformers.....	208	129	45.9	741.4
3613	3613	Switchgear and switchboard apparatus.....	568	283	69.2	1,303.0
3621	3621	Motors and generators.....	425	257	90.3	1,475.2
3622	3622	Industrial controls.....	590	218	51.1	908.4
3623	----	Welding apparatus.....	166	80	15.5	353.5
	3623	Welding apparatus, electric.....	166	80	15.5	353.5
3624	3624	Carbon and graphite products.....	72	44	11.3	217.4
3629	3629	Electrical industrial apparatus, n.e.c.....	258	121	20.2	270.0
3631	3631	Household cooking equipment.....	84	51	23.3	412.0
3632	3632	Household refrigerators and freezers.....	36	25	34.1	790.8
3633	3633	Household laundry equipment.....	26	22	23.2	679.3
3634	3634	Electric housewares and fans.....	299	167	51.3	909.2
3635	3635	Household vacuum cleaners.....	36	24	11.2	299.5
3636	3636	Sewing machines.....	75	18	5.3	124.6
3639	3639	Household appliances, n.e.c.....	85	48	14.0	341.4
3641	3641	Electric lamps.....	143	72	31.5	724.4
3642	----	Lighting fixtures.....	1,174	544	71.8	1,298.3
	3645	Residential lighting fixtures.....	701	278	26.5	390.2
	3646	Commercial lighting fixtures.....	236	140	18.8	350.4
	3647	Vehicular lighting equipment.....	47	31	13.6	299.8
	3648	Lighting equipment, n.e.c.....	190	95	12.7	254.3
3643	3643	Current-carrying wiring devices.....	413	222	50.4	792.1
3644	3644	Noncurrent-carrying wiring devices.....	179	117	25.7	490.8
3651	3651	Radio and TV receiving sets.....	372	164	86.5	1,807.8
3652	3652	Phonograph records.....	567	119	20.3	375.6
3661	3661	Telephone and telegraph apparatus.....	203	110	134.4	2,650.1
3662	3662	Radio and TV communication equipment.....	1,773	921	319.2	5,803.1
3671	3671	Electron tubes, receiving type.....	25	13	11.4	173.8
3672	----	Cathode ray picture tubes.....	75	21	15.2	345.5
	3672	Cathode ray television picture tubes.....	75	21	15.2	345.5
3673	3673	Electron tubes, transmitting.....	53	38	20.5	342.8
3674	----	Semiconductors.....	327	198	97.6	1,735.1
	3674	Semiconductors and related devices.....	327	198	97.6	1,735.1
3679	----	Electronic components, n.e.c.....	2,382	1,164	190.9	2,713.6
	3675	Electronic capacitors.....	113	101	27.6	298.6
	3676	Electronic resistors.....	86	78	20.5	263.5
	3677	Electronic coils and transformers.....	248	206	24.2	228.7
	3678	Electronic connectors.....	91	79	18.1	345.6
	3679	Electronic components, n.e.c.....	1,844	700	100.5	1,577.2
3691	3691	Storage batteries.....	212	120	22.1	477.8
3692	3692	Primary batteries, dry and wet.....	48	31	8.4	221.6
3693	3693	X-ray apparatus and tubes.....	104	54	12.1	311.3
3694	3694	Engine electrical equipment.....	290	143	57.9	1,212.6
3699	----	Electrical equipment, n.e.c.....	995	189	19.3	263.9
	3699	Electrical equipment and supplies, n.e.c.....	995	189	19.3	263.9
3711	----	Motor vehicles.....	231	119	339.2	11,782.5
	3711	Motor vehicles and car bodies.....	231	119	339.2	11,782.5
3713	----	Truck and bus bodies.....	778	346	41.8	648.5
	3713	Truck and bus bodies.....	778	346	41.8	648.5
3714	3714	Motor vehicle parts and accessories.....	2,119	935	400.9	9,164.7
3715	3715	Truck trailers.....	255	139	24.7	449.3

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries—Continued

Industry code		Industry	Establishments		All employees (1,000)	Value added by manufacture, adjusted (million dollars)
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)		
3721	3721	Aircraft.....	168	86	231.8	7,083.0
3722	----	Aircraft engines and engine parts.....	261	184	125.5	2,498.3
	3724	Aircraft engines and engine parts.....	232	156	104.7	1,991.7
	3764	Space propulsion units and parts.....	29	28	20.8	506.6
3729	----	Aircraft equipment, n.e.c.....	742	352	123.1	2,562.2
	3728	Aircraft equipment, n.e.c.....	694	313	102.2	2,048.9
	3769	Space vehicle equipment, n.e.c.....	48	39	20.9	513.9
3731	3731	Ship building and repairing.....	455	277	144.6	1,881.3
3732	3732	Boat building and repairing.....	1,777	368	40.6	516.8
3741	----	Locomotives and parts.....	34	16	19.6	591.1
	3743	Railroad equipment.....	34	16	19.6	591.1
3742	----	Railroad and street cars.....	129	87	31.2	522.3
	3743	Railroad equipment.....	129	87	31.2	522.3
3751	----	Motorcycles, bicycles, and parts.....	226	53	17.7	316.6
	3751	Motorcycles, bicycles, and parts.....	222	52	17.6	315.2
	3799	Transportation equipment, n.e.c.....	4	1	.1	1.4
3791	----	Trailer coaches.....	1,705	968	106.7	1,485.5
	2451	Mobile homes.....	683	589	71.9	1,033.9
	3713	Truck and bus bodies.....	8	8	.8	11.2
	3792	Travel trailers and campers.....	1,000	362	33.3	435.4
	3799	Transportation equipment, n.e.c.....	14	9	.6	5.0
3799	----	Transportation equipment, n.e.c.....	588	230	21.9	322.8
	3523	Farm machinery and equipment.....	75	25	2.8	52.7
	3792	Travel trailers and campers.....	30	23	3.7	44.5
	3799	Transportation equipment, n.e.c.....	483	182	15.4	225.7
3811	3811	Engineering and scientific instruments.....	739	262	36.7	653.2
3821	----	Mechanical measuring devices.....	843	324	68.8	1,189.0
	3823	Process control instruments.....	187	128	35.6	620.4
	3824	Fluid meters and counting devices.....	61	43	8.8	180.9
	3829	Measuring and controlling devices, n.e.c.....	595	153	24.6	394.9
3822	----	Automatic temperature controls.....	131	62	30.7	511.8
	3822	Environmental controls.....	131	62	30.7	511.8
3831	----	Optical instruments and lenses.....	476	140	17.9	370.1
	3832	Optical instruments and lenses.....	476	140	17.9	370.1
3841	3841	Surgical and medical instruments.....	506	199	34.5	630.0
3842	3842	Surgical appliances and supplies.....	872	256	43.9	929.0
3843	3843	Dental equipment and supplies.....	429	107	12.4	262.3
3851	3851	Ophthalmic goods.....	499	125	26.6	416.3
3861	3861	Photographic equipment and supplies.....	627	225	96.0	4,087.9
3871	----	Watches and clocks.....	165	78	27.2	423.0
	3873	Watches, clocks, and watchcases.....	165	78	27.2	423.0
3872	----	Watchcases.....	37	21	3.6	42.9
	3873	Watches, clocks, and watchcases.....	37	21	3.6	42.9
3911	3911	Jewelry, precious metal.....	1,524	315	32.6	536.0
3912	----	Jewelers' findings and materials.....	239	63	5.7	75.2
	3915	Jewelers' materials and lapidary work.....	239	63	5.7	75.2
3913	----	Lapidary work.....	328	24	2.3	41.1
	3915	Jewelers' materials and lapidary work.....	328	24	2.3	41.1
3914	3914	Silverware and plated ware.....	206	72	13.1	206.8
3931	----	Musical instruments and parts.....	344	111	24.5	339.3
	3931	Musical instruments.....	344	111	24.5	339.3
3941	----	Games and toys.....	633	267	58.0	940.2
	3944	Games, toys, and children's vehicles.....	633	267	58.0	940.2
3942	3942	Dolls.....	243	105	10.2	98.3
3943	----	Children's vehicles, except bicycles.....	31	17	3.5	40.3
	3944	Games, toys, and children's vehicles.....	31	17	3.5	40.3

APPENDIX C—Continued

PART 2B. Distribution of 1967 SIC Industries Among 1972 SIC Industries—Continued

Industry code		Industry	Establishments		All employees	Value added by manufacture, adjusted
Old SIC	New SIC		Total	With 20 employees or more		
			(number)	(number)	(1,000)	(million dollars)
3949	3949	Sporting and athletic goods, n.e.c.....	1,553	463	61.0	920.4
3951	3951	Pens and mechanical pencils.....	111	59	10.2	200.2
3952	3952	Lead pencils and art goods.....	144	49	7.1	108.2
3953	----	Marking devices.....	627	104	8.7	435.1
	3951	Pens and mechanical pencils.....	6	5	.7	13.5
	3953	Marking devices.....	621	99	8.1	121.5
3955	3955	Carbon paper and inked ribbons.....	84	52	5.7	113.4
3961	3961	Costume jewelry.....	766	208	21.4	275.7
3962	3962	Artificial flowers.....	263	53	4.8	57.5
3963	----	Buttons.....	186	51	4.0	51.8
	3963	Buttons.....	186	51	4.0	51.8
3964	3964	Needles, pins, and fasteners.....	267	125	20.2	334.5
3991	3991	Brooms and brushes.....	450	166	17.5	235.5
3993	3993	Signs and advertising displays.....	3,287	637	49.8	747.7
3994	----	Morticians' goods.....	515	189	14.8	210.3
	3995	Burial caskets.....	515	189	14.8	210.3
3996	3996	Hard surface floor coverings.....	20	11	5.8	212.0
3999	----	Manufactures, n.e.c.....	3,367	614	65.1	897.2
	3999	Manufacturing industries, n.e.c.....	3,367	614	65.1	897.2

APPENDIX D. Reporting Forms

This appendix contains reproductions of a representative selection of the reporting forms used in the 1972 economic censuses, with emphasis on the Census of Manufactures. The uses of each of them is described in the Introduction, section 7.

APPENDIX D—Continued

DUE DATE: 20 DAYS AFTER RECEIPT OF FORM

O.M.B. No. 41-R2751; Approval Expires December 31, 1974

<p>FORM NC-X1A (Item 1A) (7-30-73)</p>	<p>U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMIN. BUREAU OF THE CENSUS</p>	<p>1973 REPORT OF COMPANY ORGANIZATION</p> <p>Please complete this report within 20 days after receipt and RETURN THIS COPY TO BUREAU OF THE CENSUS 1201 East Tenth Street Jeffersonville, Indiana 47130</p> <p>NOTE — The purpose of this form is to obtain an accurate and up-to-date list of your establishments, i.e., separate business locations that were in operation, or under construction during part or all of 1973. This list should include establishments of your company and each of its subsidiaries. To make it easier for you to complete this report, we have prelisted information that you have previously provided to the Census Bureau.</p> <p style="text-align: center;">READ THE INSTRUCTIONS ON THE REVERSE SIDE BEFORE COMPLETING THIS REPORT</p>
<p>NOTICE — Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.</p>		
<p>Refer to this CENSUS FILE NUMBER in any correspondence pertaining to this report </p>		
<p>Company name and address (Please correct any errors in name and address including ZIP code)</p>		

Item 1 — EMPLOYER IDENTIFICATION NUMBERS OF YOUR COMPANY AND ITS SUBSIDIARIES, AND THEIR 1973 EMPLOYMENT

This item should include a list of all Employer Identification (EI) Numbers currently used by your company and its domestic and foreign subsidiaries in reporting either Federal employment taxes (IRS forms 941, 943, or CT-1) or Federal income returns (IRS forms 1065, 1120, 1120S, or 990C).

In item 1A, based on Census records, we have prelisted (in numeric sequence) all EI numbers and their associated names and addresses where available. Bring this list up-to-date by correcting the prelisted EI number and name and address information in column (a), and completing columns (b) through (d) as indicated.

For some prelisted EI numbers, name and address information was not available. Please enter the name and address that applies in each case.

EI numbers of your company and its subsidiaries that are not prelisted in item 1A should be added in item 1B. If your company or any of its subsidiaries uses different EI numbers for reporting employment and income, be sure that there is a separate entry for each such EI number in either item 1A or 1B.

Line No.	Employer Identification (EI) Number, name, and mailing address (Please correct any errors and supply missing information) (a)	Employees (during the pay period including March 12, 1973) (b)	Reporting status of EI number (c)	Status of company or subsidiary at the end of 1973 (Mark one box and complete as indicated) (d)
	<p>EMPLOYER IDENTIFICATION NUMBER</p> <p>NAME</p> <p>NUMBER AND STREET</p> <p>CITY STATE ZIP CODE</p>	(Number)	<p>Did you report Federal employment taxes under this EI number during 1973?</p> <p>1 <input type="checkbox"/> Yes</p> <p>2 <input type="checkbox"/> No</p>	<p>1 <input type="checkbox"/> Active</p> <p>2 <input type="checkbox"/> Inactive — Date </p> <p>3 <input type="checkbox"/> Sold — Mo./yr. of sale </p> <p>PURCHASER'S NAME</p> <p>NUMBER AND STREET</p> <p>CITY STATE ZIP CODE</p> <p>4 <input type="checkbox"/> Other — Explain </p>
	<p>EMPLOYER IDENTIFICATION NUMBER</p> <p>NAME</p> <p>NUMBER AND STREET</p> <p>CITY STATE ZIP CODE</p>	(Number)	<p>Did you report Federal employment taxes under this EI number during 1973?</p> <p>1 <input type="checkbox"/> Yes</p> <p>2 <input type="checkbox"/> No</p>	<p>1 <input type="checkbox"/> Active</p> <p>2 <input type="checkbox"/> Inactive — Date </p> <p>3 <input type="checkbox"/> Sold — Mo./yr. of sale </p> <p>PURCHASER'S NAME</p> <p>NUMBER AND STREET</p> <p>CITY STATE ZIP CODE</p> <p>4 <input type="checkbox"/> Other — Explain </p>
	<p>EMPLOYER IDENTIFICATION NUMBER</p> <p>NAME</p> <p>NUMBER AND STREET</p> <p>CITY STATE ZIP CODE</p>	(Number)	<p>Did you report Federal employment taxes under this EI number during 1973?</p> <p>1 <input type="checkbox"/> Yes</p> <p>2 <input type="checkbox"/> No</p>	<p>1 <input type="checkbox"/> Active</p> <p>2 <input type="checkbox"/> Inactive — Date </p> <p>3 <input type="checkbox"/> Sold — Mo./yr. of sale </p> <p>PURCHASER'S NAME</p> <p>NUMBER AND STREET</p> <p>CITY STATE ZIP CODE</p> <p>4 <input type="checkbox"/> Other — Explain </p>
	<p>EMPLOYER IDENTIFICATION NUMBER</p> <p>NAME</p> <p>NUMBER AND STREET</p> <p>CITY STATE ZIP CODE</p>	(Number)	<p>Did you report Federal employment taxes under this EI number during 1973?</p> <p>1 <input type="checkbox"/> Yes</p> <p>2 <input type="checkbox"/> No</p>	<p>1 <input type="checkbox"/> Active</p> <p>2 <input type="checkbox"/> Inactive — Date </p> <p>3 <input type="checkbox"/> Sold — Mo./yr. of sale </p> <p>PURCHASER'S NAME</p> <p>NUMBER AND STREET</p> <p>CITY STATE ZIP CODE</p> <p>4 <input type="checkbox"/> Other — Explain </p>
	<p>EMPLOYER IDENTIFICATION NUMBER</p> <p>NAME</p> <p>NUMBER AND STREET</p> <p>CITY STATE ZIP CODE</p>	(Number)	<p>Did you report Federal employment taxes under this EI number during 1973?</p> <p>1 <input type="checkbox"/> Yes</p> <p>2 <input type="checkbox"/> No</p>	<p>1 <input type="checkbox"/> Active</p> <p>2 <input type="checkbox"/> Inactive — Date </p> <p>3 <input type="checkbox"/> Sold — Mo./yr. of sale </p> <p>PURCHASER'S NAME</p> <p>NUMBER AND STREET</p> <p>CITY STATE ZIP CODE</p> <p>4 <input type="checkbox"/> Other — Explain </p>

Enter All Additional Employer Identification Numbers in Item 1B and Complete Items 2 through 5

APPENDIX D—Continued

INSTRUCTIONS FOR COMPLETING FORM NC-X1A

A. DEFINITIONS

- ▶ **Census File Number** – A Census File Number has been assigned to your company and appears in the upper right-hand corner of each page of items 1A, 2, and 5A. Always refer to the complete number in any correspondence with the Census Bureau in order to expedite a reply. Also, be sure to fill in the Census File Number in the upper right-hand corner of the pages used for any entries in items 1B or 5B.
- ▶ **Employer Identification Number** – The nine-digit taxpayer identification number assigned by the Internal Revenue Service and used by all business firms and other legal entities to file Federal employment tax returns such as Form 941, Employer's Quarterly Federal Tax Return and Federal Income Returns such as Form 1120, U.S. Corporation Income Tax Return, and Form 1065, U.S. Partnership Return of Income.
- Company or Firm** – A legal entity, such as a sole proprietorship, partnership, corporation, cooperative, investment trust, etc., including both profit and non-profit organizations.
- ▶ **Establishment** – A single physical location within the United States and its territories where business is conducted or where services or industrial operations are performed. (For example: a factory, mill, store, hotel, movie theater, mine, farm, ranch, bank, railroad depot, airline terminal, sales office, warehouse, or central administrative offices.) Where distinctly separate activities are performed at a single physical location (such as contract construction activities operated from the same physical location as a lumber yard), each activity should be treated as a separate establishment.

SPECIAL INSTRUCTIONS FOR SELECTED INDUSTRIES AND/OR ACTIVITIES

Please refer to the enclosed, separate booklet entitled, "Special Instructions" before completing forms.

These instructions include a general definition of an Establishment, Payroll, Central Administrative Office (CAO) and Auxiliary establishment, how to report Non-establishment Employees and special instructions for companies with activities falling in the below listed categories.

- Construction (general contractors, special trade contractors, subdividers, and operative builders)
- Oil and Gas Field Operations
- Manufacturing
- Transportation and Public Utilities
- Wholesale, Retail, and Selected Services
- Commission Agent, Broker and Merchant Wholesaler, Liquor Stores (Government Operated), Reported by Agency or Officials, Appliance Sales by Public Utility companies, Department or Concessions, Leased Service Stations, Contract Food Operators, Mail Order Sales, Vending Machine Operations, and Direct Selling Operations (House to House), New Car Dealers, Automotive Rental and Leasing, Building Cleaning and Maintenance, Guard Service, Laundries, Dry Cleaners, Photofinishing Farms, Engineering (Consulting and Design), Liaison or Customer Contact Office.
- ▶ **Subsidiary** – A company which is owned or controlled by another firm or company. Subsidiaries include firms in which your company owns more than fifty percent of the outstanding voting stock, as well as affiliated firms in which your company has the power to direct or cause the direction of the management and policies.
- ▶ **Number of Employees During the Pay Period Including March 12, 1973** – All full-time and part-time employees on the payroll during the March 12 pay period. Include as employees all persons on paid sick leave, paid holidays, and paid vacations; include salaried officers and executives of incorporated firms. This definition is the same as the definition used for item 1 of Treasury Form 941, Employer's Quarterly Federal Tax Return.
- ▶ **Domestic Establishments** – Those establishments of your company and its subsidiaries that are physically located in the United States and its territories and possessions (Puerto Rico, Canal Zone, Virgin Islands, Guam, American Samoa, and Trust Territory of Pacific Islands).

B. INSTRUCTIONS

- ▶ **Item 1 – Employer Identification Numbers of Your Company and its Subsidiaries, and Their 1973 Employment** – This item should include a list of all Employer Identification (EI) Numbers currently used by your company and its domestic and foreign subsidiaries to report either Federal employment taxes (IRS forms 941, 943, or CT-1) or income returns (IRS forms 1065, 1120, 1120S, or 990C).
- If your company or any of its subsidiaries uses different EI numbers in reporting employment and income for the same legal entity, be sure there is a separate entry for each such number in either 1A or 1B.
- ▶ **Item 1A – Listing of Employer Identification Numbers (Based on Census Records)** – All EI numbers (based on Census records) have been prelisted in numeric sequence. Their associated names and addresses are also prelisted where available.
- If the EI number is currently used, correct any errors or omissions in the pre-listed name and address in column (a); report in column (b) the number of employees on the payroll during the pay period including March 12, 1973, indicate in column (c) whether the EI number is used in reporting Federal employment taxes on IRS forms 941, 943, or CT-1. If the EI number is not used to file these IRS forms, column (b) should be zero. If the EI number is active, mark box "1" in column (d).
- If the EI number is no longer used by your company or its subsidiaries, but was used during the first quarter 1973 complete columns (b) and (c). In column (d) mark boxes 2-4 that apply. If operations previously reported under a prelisted EI number are now included under another EI number of your company, mark box "4" and indicate the item 1A or 1B EI number under which you are now reporting these activities. On the other hand, if you sold all the activities of a subsidiary but retained the EI number, mark box "3" and complete as indicated.
- ▶ **Item 1B – Your Listing of Additional Employer Identification Numbers**
- Column (a)** – List separately each EI number not prelisted in item 1A that is currently used by your company or its domestic and foreign subsidiaries. Also enter the name and mailing address of the subsidiary.
- Column (b)** – Report the number of employees during the pay period including March 12, 1973.
- Column (c)** – Indicate whether the EI number is used to report Federal employment taxes; if not, column (b) should be zero.
- Column (d)** – Mark the box which describes the reason for adding the EI number to the list. If you transferred operations from one EI number of your company and its subsidiaries to another EI number, mark box "7" and enter the former EI number. If you add a firm that was acquired through the purchase of stock, assets, etc., mark box "5" and report the date of purchase and the former owner's name and address. Also report this information for any subsidiary listed in item 1B that was specifically set up by your company to take over the operations of an acquired company, even though the acquired company was dissolved or liquidated.

- ▶ **Item 2 – Reconciliation of Employment Reported by EI Numbers and by Establishments** – Complete this item after you have finished items 5A and 5B. This item is to provide to and the Bureau of the Census with a systematic procedure for reconciling the reported Federal establishment in items 5A and 5B against the ALE (FORM) 11B, NC-X1A (11B) by your company and its subsidiaries.

Column (a) – The Employer Identification (EI) Number are identical to those prelisted in item 1A. Bring this most up-to-date by making the necessary changes previously made in item 1A and adding any EI numbers that you added in item 1B.

Column (b) – Enter the corresponding number of employees for each EI number. If the EI number has no employees, enter "None."

Column (c) – For each EI number, enter the sum of the employment figures for each establishment of the EI number, as reported in both items 5A and 5B. Compare this figure with the entry in column (b) and enter the difference in column (d). Where differences in excess of 5% of 500 employees occur, examine the data that you reported in items 1A, 1B, 5A, and 5B for errors, omissions, or duplications.

If the difference still exists, please explain in column (e). In all cases except the three listed below, each EI number listed in items 1A or 1B should have at least one establishment listed in item 5A or 5B; conversely, each establishment listed in item 5A or 5B should have its EI number listed in item 1A or 1B. The three exceptions are:

1. If your company or any of its subsidiaries has been assigned an EI number covering activities wholly outside of the United States and its territories, it is not necessary to include the establishments covering these foreign activities in item 5A or 5B. Therefore, in completing item 2 for EI numbers assigned to your foreign activities, enter "Foreign" in column (b) and ignore columns (c) through (e).
2. If your company reports employment and income under different EI numbers for the same legal entity, you should report the establishments of this firm only once in item 5A or 5B with the EI number used to report employment taxes. In these cases, therefore, there will be no establishment in item 5A or 5B for the income EI number. In completing item 2 for these EI numbers, enter "None" in column (b) and indicate the appropriate employment tax EI number(s) in column (e).
3. If your company or any of its subsidiaries became inactive after March 12, 1973 pay period, complete column (b)-(e). If there was an EI change or EI used only part of the year complete columns (b)-(e) if applicable.

- ▶ **Item 3 – Company Affiliation** – If your company is owned or controlled by another company, i.e., your company is a subsidiary, enter the name, address and EI number of your parent company.

- ▶ **Item 4 – Certification** – After you have finished all items on the report, complete the certification as indicated.

- ▶ **Item 5 – Domestic Establishments of your Company and its Subsidiaries, and Their 1973 Employment** – This item should include an up-to-date list of all domestic establishments of your company and its subsidiaries as identified in items 1A and 1B. If more than one EI number is assigned to an establishment, report the employment tax EI number in items 5A and 5B. Except in these cases and for EI numbers used for activities wholly outside the United States and its territories and possessions, be sure there is at least one establishment in item 5A or 5B for each employment tax EI number listed in item 1A or 1B.

- ▶ **Item 5A – Listing of Domestic Establishments (Based on Census Records)** – Review each prelisted establishment. For establishments still in operation, correct any errors or omissions in the pre-listed name, address, and EI number in column (a). Make sure that the address represents the ACTUAL PHYSICAL LOCATION, not a mailing address. If you assign a store or plant number to each of your establishments, please enter this number in the space provided. The major kind of business description in column (a) is based on information previously reported to the Census Bureau.

For each establishment still in operation, mark box "1" in column (c) and report employees and payroll in column (b). If the establishment has changed its location (moved), mark box "2" and make necessary corrections in column (a) by lining out the imprinted information and writing in the new information above it. For establishments no longer in business, mark box "3," "4," or "6" in column (c) to explain the reason for the deletion. If operations previously reported under a prelisted EI number are now included under another EI number of your company, do not report these changes as a "sale" but correct the EI number in column (a). If you ceased operations at a location and then sold the building, report these cases as "closed," mark box "4," and give the date of closing.

- ▶ **Item 5B – Your Listing of Additional Domestic Establishments** – List separately all domestic establishments of your company and its subsidiaries not prelisted in item 5A that are now in operation, under construction, or were in operation at any time during 1973. Please read the definition of an establishment above before completing this item.

Column (a) – Provide the EI number, name, and address of the physical location of each added establishment. If you have assigned a store or plant number to any of these locations, also enter this in the space provided. In all cases, be sure to provide complete address information including the number and street, city, State, ZIP code, and county.

Column (b) – Report the number of employees on the establishment payroll during the pay period including March 12, 1973. If the location had no employees during the pay period, enter "None." Report first quarter establishment payroll and annual payroll before deductions in thousands of dollars.

Column (c) – Mark one box which best describes the principal business activity during 1973, mark Auxiliary for any establishment primarily engaged in performing supporting services for your own or affiliated company rather than your customers or clients. Mark Central Administrative Offices (CAO) for an establishment primarily engaged in management and general administrative functions.

Column (d) – List in order of importance the principal products mined or made, kinds of retail or wholesale business, types of services performed or kind of construction work done and indicate the approximate percentage each was of your total receipts.

- ▶ **Instructions for (e) and (f) – Answer question (e) for acquired establishments. Complete (f) if the establishment is not yet in operation. Enter month and year you expect it to begin operation and the expected employment when fully operational.**

- ▶ **NOTE** – After you have completed item 5, please be sure to complete items 2, 3, and 4 before returning this form.

Additional copies of items 1B, 2, and 5B are available upon request. If you prefer, you may use your own paper to list additional subsidiaries, EI numbers and establishments; in such instances, however, please follow the same format as shown on the report form. Be sure to enter the item number, your company's name and address, and the Census File Number in the upper right-hand corner of each additional sheet.

APPENDIX D—Continued

DUE DATE: 20 DAYS AFTER RECEIPT OF FORM		O.M.B. No. 41-R2751; Approval Expires December 31, 1974	
FORM NC-X1B (Item 1A) <small>(7-30-73)</small>		U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMIN. BUREAU OF THE CENSUS	
1973 REPORT OF COMPANY ORGANIZATION (This page includes Items 1A and 1B)		NOTICE — Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.	
Please complete this report within 20 days after receipt and RETURN THIS COPY TO		Refer to this CENSUS FILE NUMBER in any correspondence pertaining to this report	
NOTE — The purpose of this form is to obtain an accurate and up-to-date list of your establishments, i.e., separate business locations that were in operation, or under construction during part or all of 1973. This list should include establishments of your company and each of its subsidiaries. To make it easier for you to complete this report, we have prelisted information that you have previously provided to the Census Bureau.		Company name and address (Please correct any errors in name and address including ZIP code)	
BUREAU OF THE CENSUS 1201 East Tenth Street Jeffersonville, Indiana 47130		READ THE INSTRUCTIONS ON THE REVERSE SIDE BEFORE COMPLETING THIS REPORT	
Item 1 — EMPLOYER IDENTIFICATION NUMBERS OF YOUR COMPANY AND ITS SUBSIDIARIES, AND THEIR 1973 EMPLOYMENT			
This item should include a list of all Employer Identification (EI) Numbers currently used by your company and its domestic and foreign subsidiaries in reporting either Federal employment taxes (IRS forms 941, 943, or CT-1) or Federal income returns (IRS forms 1065, 1120, 1120S, or 990C). If your company or any of its subsidiaries uses different EI numbers for reporting employment and income, be sure that there is a separate entry for each such EI number in either item 1A or 1B. In item 1A, based on Census records, we have prelisted (in numeric sequence) all EI numbers and their associated names and addresses where available. Bring this list up-to-date by correcting the prelisted EI number and name and address information in column (a), and completing columns (b) through (d) as indicated. For some prelisted EI numbers, name and address information was not available. Please enter the name and address that applies in each case. In item 1B add EI numbers that are currently used by your company or its domestic and foreign subsidiaries that are not prelisted in item 1A. List separately in column (a) all Employer Identification (EI) Numbers and their associated names and addresses used at any time during 1973. For each added EI number complete columns (b) through (d) as indicated. If you need more space for adding EI numbers, you may request additional pages or use a blank sheet of paper following the same format shown below in item 1B. At the top of each sheet enter "Item 1B continued" and your company name, address, and Census File Number.			
Item 1A — LISTING OF EMPLOYER IDENTIFICATION NUMBERS (BASED ON CENSUS RECORDS)			
Line number	Employer Identification (EI) Number, name, and mailing address <small>(Please correct any errors and supply missing information)</small> (a)	Employees (during the pay period including March 12, 1973) (b)	Reporting status of EI number (c)
	EMPLOYER IDENTIFICATION NUMBER NAME NUMBER AND STREET CITY STATE ZIP CODE	(Number)	Did you report Federal employment taxes under this EI number during 1973? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
	EMPLOYER IDENTIFICATION NUMBER NAME NUMBER AND STREET CITY STATE ZIP CODE	(Number)	Did you report Federal employment taxes under this EI number during 1973? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
	EMPLOYER IDENTIFICATION NUMBER NAME NUMBER AND STREET CITY STATE ZIP CODE	(Number)	Did you report Federal employment taxes under this EI number during 1973? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
Status of company or subsidiary at the end of 1973 <small>(Mark one box and complete as indicated)</small> (d)			
1 <input type="checkbox"/> Active 2 <input type="checkbox"/> Inactive — Date _____ 3 <input type="checkbox"/> Sold — Mo./yr. of sale _____ PURCHASER'S NAME _____ NUMBER AND STREET _____ CITY STATE ZIP CODE _____ 4 <input type="checkbox"/> Other — Explain _____			
1 <input type="checkbox"/> Active 2 <input type="checkbox"/> Inactive — Date _____ 3 <input type="checkbox"/> Sold — Mo./yr. of sale _____ PURCHASER'S NAME _____ NUMBER AND STREET _____ CITY STATE ZIP CODE _____ 4 <input type="checkbox"/> Other — Explain _____			
1 <input type="checkbox"/> Active 2 <input type="checkbox"/> Inactive — Date _____ 3 <input type="checkbox"/> Sold — Mo./yr. of sale _____ PURCHASER'S NAME _____ NUMBER AND STREET _____ CITY STATE ZIP CODE _____ 4 <input type="checkbox"/> Other — Explain _____			
Item 1B — YOUR LISTING OF ADDITIONAL EMPLOYER IDENTIFICATION NUMBERS — USE ITEM 2B FOR LISTING ADDITIONAL ESTABLISHMENTS			
Line number	Employer Identification (EI) Number, name, and mailing address (a)	Employees (during the pay period including March 12, 1973) (b)	Reporting status of EI number (c)
	EMPLOYER IDENTIFICATION NO. _____ NAME NUMBER AND STREET CITY STATE ZIP CODE	(Number)	Did you report Federal employment taxes under this EI number during 1973? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
	EMPLOYER IDENTIFICATION NO. _____ NAME NUMBER AND STREET CITY STATE ZIP CODE	(Number)	Did you report Federal employment taxes under this EI number during 1973? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
Explanation of additional companies acquired, reorganized or newly organized under a distinct EI number during 1973 (d)			
5 <input type="checkbox"/> Acquired — MONTH AND YEAR OF PURCHASE _____ FORMER OWNER'S NAME _____ NUMBER AND STREET _____ CITY STATE ZIP CODE _____ 6 <input type="checkbox"/> Newly organized — Date _____ 7 <input type="checkbox"/> Other — Explain _____			
5 <input type="checkbox"/> Acquired — MONTH AND YEAR OF PURCHASE _____ FORMER OWNER'S NAME _____ NUMBER AND STREET _____ CITY STATE ZIP CODE _____ 6 <input type="checkbox"/> Newly organized — Date _____ 7 <input type="checkbox"/> Other — Explain _____			
5 <input type="checkbox"/> Acquired — MONTH AND YEAR OF PURCHASE _____ FORMER OWNER'S NAME _____ NUMBER AND STREET _____ CITY STATE ZIP CODE _____ 6 <input type="checkbox"/> Newly organized — Date _____ 7 <input type="checkbox"/> Other — Explain _____			

Please Complete Items 2 through 4

APPENDIX D—Continued

INSTRUCTIONS FOR COMPLETING FORM NC-X1B

A. DEFINITIONS

- ▶ **Census File Number** — A Census File Number has been assigned to your company and appears in the upper right-hand corner of each page of items 1A, 2A, and 2B. Always refer to the complete number in any correspondence with the Census Bureau in order to expedite a reply. Also, be sure to fill in the Census File Number in the upper right-hand corner of the pages used for any entries in item 2B.
- ▶ **Employer Identification Number** — The nine-digit taxpayer identification number assigned by the Internal Revenue Service and used by all business firms and other legal entities to file Federal employment tax returns such as Form 941, Employer's Quarterly Federal Tax Return and Federal Income Returns such as Form 1120, U.S. Corporation Income Tax Return, and Form 1065, U.S. Partnership Return of Income.
- ▶ **Company or Firm** — A legal entity, such as a sole proprietorship, partnership, corporation, cooperative, investment trust, etc., including both profit and non-profit organizations.
- ▶ **Establishment** — A single physical location within the United States and its territories where business is conducted or where services or industrial operations are performed. (For example: a factory, mill, store, hotel, movie theater, mine, farm, ranch, bank, railroad depot, airline terminal, sales office, warehouse, or central administrative office.) Where distinctly separate activities are performed at a single physical location (such as contract construction activities operated from the same physical location as a lumber yard), each activity should be treated as a separate establishment.

SPECIAL INSTRUCTIONS FOR SELECTED INDUSTRIES AND OR ACTIVITIES

Please refer to the enclosed, separate booklet entitled, "Special Instructions" before completing forms.

These instructions include a general definition of an Establishment, Payroll, Central Administrative Office (CAO) and Auxiliary establishment, how to report Non-establishment Employees and special instructions for companies with activities falling in the below listed categories.

- Construction (general contractors, special trade contractors, subdividers, and operative builders)
- Oil and Gas Field Operations
- Manufacturing
- Transportation and Public Utilities
- Wholesale, Retail, and Selected Services — Commission Agent/Broker and Merchant Wholesaler, Liquor Stores (Government Operated Reported by Agency or Officials), Appliance Sales by Public Utility companies, Department or Concessions, Leased Service Stations, Contract Food Operators, Mail Order Sales, Vending Machine Operations, and Direct Selling Operations (House-to-House), New Car Dealers, Automotive Rental and Leasing, Building Cleaning and Maintenance, Guard Service, Laundries, Dry Cleaners, Photofinishing Firms, Engineering (Consulting and Design), Liaison or Customer Contact Office.
- ▶ **Subsidiary** — A company which is owned or controlled by another firm or company. Subsidiaries include firms in which your company owns more than fifty percent of the outstanding voting stock, as well as affiliated firms in which your company has the power to direct or cause the direction of the management and policies.
- ▶ **Number of Employees During the Pay Period Including March 12, 1973** — All full-time and part-time employees on the payroll during the March 12 pay period. Include as employees all persons on paid sick leave, paid holidays, and paid vacations; include salaried officers and executives of incorporated firms. This definition is the same as the definition used for item 1 of Treasury Form 941, Employer's Quarterly Federal Tax Return.
- ▶ **Domestic Establishments** — Those establishments of your company and its subsidiaries that are physically located in the United States and its territories and possessions (Puerto Rico, Canal Zone, Virgin Islands, Guam, American Samoa, and Trust Territory of Pacific Islands).

B. INSTRUCTIONS

- ▶ **Item 1 — Employer Identification Numbers of Your Company and its Subsidiaries, and Their 1973 Employment** — This item should include a list of all Employer Identification (EI) Numbers currently used by your company and its domestic and foreign subsidiaries to report either Federal employment taxes (IRS Forms 941, 943, or CT-1) or income returns (IRS Forms 1065, 1120, 1120S or 990C). If your company or any of its subsidiaries uses different EI numbers in reporting employment and income for the same legal entity, be sure there is a separate entry for each such number in either 1A or 1B.
- ▶ **Item 1A — Listing of Employer Identification Numbers (Based on Census Records)** — All EI numbers (based on Census records) have been prelisted in numeric sequence. Their associated names and addresses are also prelisted where available. If the EI number is currently used, correct any errors or omissions in the prelisted name and address in column (a); report in column (b) the number of employees on the payroll during the pay period including March 12, 1973; indicate in column (c) whether the EI number is used in reporting Federal employment taxes on IRS Forms 941, 943, or CT-1. If the EI number is not used to file these IRS forms, column (b) should be zero. If the EI number is active, mark box "1" in column (d). If the EI number is no longer used by your company or its subsidiaries, but was used during the first quarter 1973 complete columns (b) and (c). In column (d) mark boxes 2-4 that apply. If operations previously reported under a prelisted EI number are now included under another EI number of your company, mark box "4" and indicate the item 1A or 1B EI number under which you are now reporting these activities. On the other hand, if you sold all the activities of a subsidiary but retained the EI number, mark box "3" and complete as indicated.
- ▶ **Item 1B — Your Listing of Additional Employer Identification Numbers**
 - Column (a)** — List separately each EI number not prelisted in item 1A that is currently used by your company or its domestic and foreign subsidiaries. Also enter the name and mailing address of the subsidiary.
 - Column (b)** — Report the number of employees during the pay period including March 12, 1973.
 - Column (c)** — Indicate whether the EI number is used to report Federal employment taxes; if not, column (b) should be zero.
 - Column (d)** — Mark the box which describes the reason for adding the EI number to the list. If you transferred operations from one EI number of your company and its subsidiaries to another EI number, mark box "7" and enter the former EI number. If you add a firm that was acquired through the purchase of stock, assets, etc., mark box "5" and report the date of purchase and the former owner's name and address. Also report this information for any subsidiary listed in item 1B that was specifically set up by your company to take over the operations of an acquired company, even though the acquired company was dissolved or liquidated.

- ▶ **Item 2 — Domestic Establishments of your Company and its Subsidiaries, and Their 1973 Employment** — This item should include an up-to-date list of all domestic establishments of your company and its subsidiaries as identified in items 1A and 1B. If more than one EI number is assigned to an establishment, report the employment tax EI number in items 2A and 2B. Except in these cases and for EI numbers used for activities wholly outside the United States and its territories and possessions, be sure there is at least one establishment in item 2A or 2B for each employment tax EI number listed in item 1A or 1B.

- ▶ **Item 2A — Listing of Domestic Establishments (Based on Census Records)** — Review each prelisted establishment. For establishments still in operation, correct any errors or omissions in the prelisted name, address, and EI number in column (a). Make sure that the address represents the ACTUAL PHYSICAL LOCATION, not a mailing address. If you assign a store or plant number to each of your establishments, please enter this number in the space provided. Identify in the establishment name those Leased Departments operated in a retail or service store as "leased dept." or "leased concession." The major kind of business description in column (a) is based on information previously reported to the Census Bureau.

For each establishment still in operation, mark box "1" in column (c) and report employees and payroll in column (b). If the establishment has changed its location (moved), mark box "2" and make necessary corrections in column (a) by lining out the imprinted information and writing in the new information above it. For establishments no longer in business, mark box "3," "4," or "6" in column (c) to explain the reason for the deletion. If operations previously reported under a prelisted EI number are now included under another EI number of your company, do not report these changes as a "sale" but correct the EI number in column (a). If you ceased operations at a location and then sold the building, report these cases as "closed," mark box "4," and give the date of closing.

- ▶ **Item 2B — Your Listing of Additional Domestic Establishments** — List separately all domestic establishments of your company and its subsidiaries not prelisted in item 2A that were in operation, or under construction, during part or all of 1973. Please read the definition of an establishment above before completing this item.

Column (a) — Provide the EI number, name, and address of the physical location of each added establishment. If you have assigned a store or plant number to any of these locations, also enter this in the space provided. In all cases, be sure to provide complete address information including the number and street, city, State, ZIP code, and county.

Column (b) — Report the number of employees on the establishment payroll during the pay period including March 12, 1973. If the location had no employees during the pay period, enter "None." Report first quarter establishment payroll and annual payroll before deductions in thousands of dollars.

Column (c) — Mark one box which best describes the principal business activity during 1973. Check Auxiliary for any establishment primarily engaged in performing supporting services for your own or affiliated company rather than your customers or clients. Check Central Administrative Offices (CAO) for an establishment primarily engaged in management and general administrative functions.

Column (d) — List in order of importance the principal products mined or made, kinds of retail or wholesale business, types of services performed or kind of construction work done and indicate the approximate percentage each was of your total receipts.

Instructions for (e) and (f) — Answer question (e) for acquired establishments. Complete (f) if the establishment is not yet in operation. Enter month and year you expect it to begin operation and the expected employment when fully operational.

Note — After you have completed item 2, please be sure to complete items 2C, 3, and 4 before returning this form.

- ▶ **Item 2C — Reconciliation of Employment Reported by EI Numbers and by Establishments** — Complete this item after you have finished items 2A and 2B. This item is to provide you and the Bureau of the Census with a systematic procedure for determining if the updated list of establishments in items 2A and 2B account for ALL DOMESTIC ACTIVITIES of your company and its subsidiaries.

Column (a) — The Employer Identification (EI) Numbers are identical to those prelisted in item 1A. Bring this list up-to-date by making the corrections previously made in item 1A and adding any EI numbers that you added in item 1B.

Column (b) — Enter the corresponding number of employees for each EI number. If the EI number has no employees, enter "None."

Column (c) — For each EI number, enter the sum of the employment figures for each establishment of the EI number, as reported in both items 2A and 2B. Compare this figure with the entry in column (b) and enter the difference in column (d). Where differences in excess of 5% or 500 employees occur, examine the data that you reported in items 1A, 1B, 2A, and 2B for errors, omissions, or duplications. If the difference still exists, please explain in column (e). In all cases except the three listed below, each EI number listed in item 1A or 1B should have at least one establishment listed in item 2A or 2B; conversely, each establishment listed in item 2A or 2B should have its EI number listed in item 1A or 1B. The three exceptions are:

1. If your company or any of its subsidiaries has been assigned an EI number covering activities wholly outside of the United States and its territories, it is not necessary to include the establishments covering these foreign activities in item 2A or 2B. Therefore, in completing item 2C for EI numbers assigned to your foreign activities, enter "Foreign" in column (b) and ignore columns (c) through (e).

2. If your company reports employment and income under different EI numbers for the same legal entity, you should report the establishments of this firm only once in item 2A or 2B with the EI number used to report employment taxes. In these cases, therefore, there will be no establishment in item 2A or 2B for the income EI number. In completing item 2C for these EI numbers, enter "None" in column (b) and indicate the appropriate employment tax EI number in column (e).

3. If your company or any of its subsidiaries became inactive after March 12, 1973 pay period, complete columns (b)-(e). If there was an EI change or EI used only part of the year complete columns (b)-(e) if applicable.

- ▶ **Item 3 — Company Affiliation** — If your company is owned or controlled by another company, i.e., your company is a subsidiary, enter the name, address, and EI number of your parent company.

- ▶ **Item 4 — Certification** — After you have finished all items on the report, complete the certification as indicated.

Additional copies of items 1B and 2B are available upon request. If you prefer, you may use your own paper to list additional subsidiaries, EI numbers and establishments; in such instances, however, please follow the same format as shown on the report form. Be sure to enter the item number, your company's name and address, and the Census File Number in the upper right-hand corner of each additional sheet.

APPENDIX D-Continued

Page _____ of _____ pages

FORM NC-X1A (Item 1B)
(7-30-73)

U.S. DEPARTMENT OF COMMERCE
SOCIAL AND ECONOMIC STATISTICS ADMIN.
BUREAU OF THE CENSUS

1973 REPORT OF COMPANY ORGANIZATION

PLEASE ENTER YOUR
CENSUS FILE NUMBER HERE
(See Item 1A page)

Item 1B - YOUR LISTING OF ADDITIONAL EMPLOYER IDENTIFICATION NUMBERS - USE ITEM 5B FOR LISTING ADDITIONAL ESTABLISHMENTS

List separately in column (a) below all Employer Identification (EI) Numbers (and their associated names and addresses) **not** prelisted in item 1A that were used by your company or its domestic and foreign subsidiaries at any time during 1973. For each added EI number, complete columns (b) through (d) as indicated.

Enter your Census File Number (which is on the item 1A page above the address box) in the space provided in the upper right corner of this page.

Line No.	Employer Identification (EI) Number, name, and mailing address (a)	Employees (during the pay period including March 12, 1973) (b)	Reporting status of EI number (c)	Explanation of additional companies acquired, reorganized, or newly organized during 1973 (d)
	EMPLOYER IDENTIFICATION NO. NAME _____ NUMBER AND STREET _____ CITY _____ STATE _____ ZIP CODE _____	(Number) _____	Did you report Federal employment taxes under this EI number during 1973? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	5 <input type="checkbox"/> Acquired → MONTH AND YEAR OF PURCHASE _____ FORMER OWNER'S NAME _____ NUMBER AND STREET _____ CITY _____ STATE _____ ZIP CODE _____ 6 <input type="checkbox"/> Newly organized - Date _____ 7 <input type="checkbox"/> Other - Explain → _____

Please Complete Items 2 through 5

APPENDIX D—Continued

INSTRUCTIONS FOR COMPLETING FORM NC-X1A

A. DEFINITIONS

- ▶ **Census File Number**—A Census File Number has been assigned to each company and appears in preprinted positions on each page of items 1A, 2, and 5A. A company should enter the complete number in any correspondence with the Census Bureau, and it is especially helpful. Also, be sure to file the Census File Number in the upper right-hand corner of the page, as indicated on items 1B or 5B.
- ▶ **Employer Identification Number**—The nine-digit taxpayer identification number assigned by the Internal Revenue Service and used by all business firms and other legal entities to file Federal employment tax returns (see Form 941, Employer's Quarterly Federal Tax Return and Federal Income Returns (see Form 1120, U.S. Corporation Income Tax Return, and Form 1065, U.S. Partnership Return of Income). **Company or Firm**—A legal entity, such as a sole proprietorship, partnership, corporation, cooperative, investment trust, etc., including trusts and other profit organizations.
- ▶ **Establishment**—A single physical location within the United States and its territories where business is conducted in which services, industrial, petroleum, or other activities are performed. For example, a factory, mill, shop, retail store, theater, home, farm, ranch, bank, railroad depot, airline terminal, school, store, warehouse, or central administrative office. Where within the separate activities are performed at a single physical location such as a service, construction activity, operation from the same physical location as a number and each activity should be treated as a separate establishment.

SPECIAL INSTRUCTIONS FOR SELECTED INDUSTRIES AND OR ACTIVITIES

Please refer to the enclosed, separate booklet entitled, "Special Instructions" before completing items.

These instructions include a general definition of an Establishment, Part I, Central Administrative Office (CAO) and Auxiliary establishment, how to report Nonestablishment Employees and special instructions for companies with activities falling in the below listed categories.

- Construction (general contractors, special trade contractors, Subdividers and operative builders).
- Oil and Gas Field Operations
- Manufacturing
- Transportation and Public Utilities
- Wholesale, Retail, and Selected Services
- Commission Agent, Broker and Merchant Wholesaler, Liquor Stores (Government Operated Reported by Agency or Officials), Appliance Sales by Public Utility companies, Department or Concessions, Leased Service Stations, Contract Food Operators, Mail Order Sales, Vending Machine Operations, and Direct Selling Operations (House to House), New Car Dealers, Automotive Rental and Leasing, Building Cleaning and Maintenance, Guard Service, Laundries, Dry Cleaners, Photofinishing Firms, Engineering/Consulting and Design, Liaison or Customer Contact Office.

- ▶ **Subsidiary**—A company which is owned or controlled by another firm or company. Subsidiaries include firms in which your company owns more than fifty percent of the outstanding voting stock, as well as affiliated firms in which your company has the power to direct or cause the direction of the management and policies.
- ▶ **Number of Employees During the Pay Period Including March 12, 1973**—All full-time and part-time employees on the payroll during the March 12 pay period. Include as employees all persons on paid sick leave, paid holidays, and paid vacations, include salaried officers and executives of incorporated firms. This definition is the same as the definition used for item 1 of Treasury Form 941, Employer's Quarterly Federal Tax Return.
- ▶ **Domestic Establishments**—Those establishments of your company and its subsidiaries that are physically located in the United States and its territories and possessions (Puerto Rico, Canal Zone, Virgin Islands, Guam, American Samoa, and Trust Territory of Pacific Islands).

B. INSTRUCTIONS

- ▶ **Item 1—Employer Identification Numbers of Your Company and its Subsidiaries, and Their 1973 Employment**—This item should include a list of all Employer Identification (EI) Numbers currently used by your company and its domestic and foreign subsidiaries to report either Federal employment taxes (IRS forms 941, 943, or CT-1) or income returns (IRS forms 1065, 1120, 1120S, or 990C).
- If your company or any of its subsidiaries uses different EI numbers in reporting employment and income for the same legal entity, be sure there is a separate entry for each such number in either 1A or 1B.
- ▶ **Item 1A—Listing of Employer Identification Numbers (Based on Census Records)**—All EI numbers (based on Census records) have been prelisted in numeric sequence. Their associated names and addresses are also prelisted where available. If the EI number is currently used, correct any errors or omissions in the pre-listed name and address in column (a); report in column (b) the number of employees on the payroll during the pay period including March 12, 1973, indicate in column (c) whether the EI number is used in reporting Federal employment taxes on IRS forms 941, 943, or CT-1. If the EI number is not used to file these IRS forms, column (b) should be zero. If the EI number is active, mark box "1" in column (d).
- If the EI number is no longer used by your company or its subsidiaries, but was used during the first quarter 1973 complete columns (b) and (c). In column (d) mark boxes 2-4 that apply. If operations previously reported under a prelisted EI number are now included under another EI number of your company, mark box "5" and indicate the item 1A or 1B EI number under which you are now reporting these activities. On the other hand, if you sold all the activities of a subsidiary but retained the EI number, mark box "3" and complete as indicated.
- ▶ **Item 1B—Your Listing of Additional Employer Identification Numbers**
- Column (a)**—List separately, each EI number not prelisted in item 1A that is currently used by your company or its domestic and foreign subsidiaries. Also enter the name and mailing address of the subsidiary.
- Column (b)**—Report the number of employees during the pay period including March 12, 1973.
- Column (c)**—Indicate whether the EI number is used to report Federal employment taxes; if not, column (b) should be zero.
- Column (d)**—Mark the box which describes the reason for adding the EI number to the list. If you transferred operations from one EI number of your company and its subsidiaries to another EI number, mark box "2" and enter the former EI number. If you add a firm that was acquired through the purchase of stock, assets, etc., mark box "3" and report the date of purchase and the former owner's name and address. Also report this information for any subsidiary listed in item 1B that was specifically set up by your company to take over the operations of an acquired company, even though the acquired company was dissolved or liquidated.

- ▶ **Item 2—Reconciliation of Employment Reported by EI Numbers and by Establishments**—For each establishment listed in items 5A or 5B, the establishment should indicate (based on the Census Bureau's data) whether it was previously reported under a prelisted EI number in item 5A or 5B. If not, enter the EI number in column (a) of item 1A or 1B. If the establishment was previously reported under a prelisted EI number, enter the EI number in column (b) of item 1A or 1B. If the establishment was previously reported under a prelisted EI number, enter the EI number in column (c) of item 1A or 1B. If the establishment was previously reported under a prelisted EI number, enter the EI number in column (d) of item 1A or 1B.
- Column (a)**—Enter the EI number of the establishment if it was previously reported under a prelisted EI number in item 5A or 5B. If not, enter "None".
- Column (b)**—Enter the number of employees on the payroll during the pay period including March 12, 1973, for the establishment if it was previously reported under a prelisted EI number in item 5A or 5B. If not, enter "None".
- Column (c)**—Enter the number of employees on the payroll during the pay period including March 12, 1973, for the establishment if it was previously reported under a prelisted EI number in item 5A or 5B. If not, enter "None".
- Column (d)**—Enter the number of employees on the payroll during the pay period including March 12, 1973, for the establishment if it was previously reported under a prelisted EI number in item 5A or 5B. If not, enter "None".

If the difference in the number of employees reported in items 1A or 1B and in items 5A or 5B is more than one, the establishment should enter the difference in column (e). Where there is a difference in the number of employees reported in items 1A or 1B and in items 5A or 5B, the establishment should enter the difference in column (e). Where there is a difference in the number of employees reported in items 1A or 1B and in items 5A or 5B, the establishment should enter the difference in column (e).

If the difference in the number of employees reported in items 1A or 1B and in items 5A or 5B is more than one, the establishment should enter the difference in column (e). Where there is a difference in the number of employees reported in items 1A or 1B and in items 5A or 5B, the establishment should enter the difference in column (e). Where there is a difference in the number of employees reported in items 1A or 1B and in items 5A or 5B, the establishment should enter the difference in column (e).

1. If the difference in the number of employees reported in items 1A or 1B and in items 5A or 5B is more than one, the establishment should enter the difference in column (e). Where there is a difference in the number of employees reported in items 1A or 1B and in items 5A or 5B, the establishment should enter the difference in column (e).
2. If the difference in the number of employees reported in items 1A or 1B and in items 5A or 5B is more than one, the establishment should enter the difference in column (e). Where there is a difference in the number of employees reported in items 1A or 1B and in items 5A or 5B, the establishment should enter the difference in column (e).
3. If the difference in the number of employees reported in items 1A or 1B and in items 5A or 5B is more than one, the establishment should enter the difference in column (e). Where there is a difference in the number of employees reported in items 1A or 1B and in items 5A or 5B, the establishment should enter the difference in column (e).

- ▶ **Item 3—Company Affiliation**—If your company is owned or controlled by another company, enter the name, address, and EI number of your parent company.
- ▶ **Item 4—Certification**—After you have finished all items on the report, complete the certification as indicated.
- ▶ **Item 5—Domestic Establishments of your Company and its Subsidiaries, and Their 1973 Employment**—This item should include an up-to-date list of all domestic establishments of your company and its subsidiaries as identified in items 1A and 1B. If more than one EI number is assigned to an establishment, report the employment tax EI number in items 5A and 5B. Except in those cases and for EI numbers used for activities wholly outside the United States and its territories and possessions, be sure there is at least one establishment in item 5A or 5B for each employment tax EI number listed in item 1A or 1B.

- ▶ **Item 5A—Listing of Domestic Establishments (Based on Census Records)**—Review each prelisted establishment. For establishments still in operation, correct any errors or omissions in the prelisted name, address, and EI number in column (a). Make sure that the address represents the ACTUAL PHYSICAL LOCATION, not a mailing address. If you assign a store or plant number to each of your establishments, please enter this number in the space provided. The major kind of business description in column (a) is based on information previously reported to the Census Bureau.

For each establishment still in operation, mark box "1" in column (c), and report employees and payroll in column (b). If the establishment has changed its location (moved), mark box "2" and make necessary corrections in column (a) by listing out the imprinted information and writing in the new information above it. For establishments no longer in business, mark box "3," "4," or "5" in column (c) to explain the reason for the deletion. If operations previously reported under a prelisted EI number are now included under another EI number of your company, do not report these changes as a "sale" but correct the EI number in column (a). If you ceased operations at a location and then sold the building, report these cases as "closed," mark box "4," and give the date of closing.

- ▶ **Item 5B—Your Listing of Additional Domestic Establishments**—List separately all domestic establishments of your company and its subsidiaries not prelisted in item 5A that are now in operation, under construction, or were in operation at any time during 1973. Please read the definition of an establishment above before completing this item.

Column (a)—Provide the EI number, name, and address of the physical location of each added establishment. If you have assigned a store or plant number to any of these locations, also enter this in the space provided. In all cases, be sure to provide complete address information including the number and street, city, State, ZIP code, and county.

Column (b)—Report the number of employees on the establishment payroll during the pay period including March 12, 1973. If the location had no employees during the pay period, enter "None." Report first quarter establishment payroll and annual payroll before deductions in thousands of dollars.

Column (c)—Mark one box which best describes the principal business activity during 1973, mark Auxiliary for an establishment primarily engaged in performing supporting services for your own or affiliated company rather than your customers or clients. Mark Central Administrative Offices (CAO) for an establishment primarily engaged in management and general administrative functions.

Column (d)—List in order of importance the principal products mined or made, kinds of retail or wholesale business, types of services performed or kind of construction work done and indicate the approximate percentage each was of your total receipts.

- ▶ **Instructions for (e) and (f)**—Answer question (e) for acquired establishments. Complete (f) if the establishment is not yet in operation. Enter month and year you expect it to begin operation and the expected employment when fully operational.
- ▶ **NOTE**—After you have completed item 5, please be sure to complete items 2, 3, and 4 before returning this form.

Additional copies of items 1B, 2, and 5B are available upon request. If you prefer, you may use your own paper to list additional subsidiaries, EI numbers and establishments; in such instances, however, please follow the same format as shown on the report form. Be sure to enter the item number, your company's name and address, and the Census File Number in the upper right-hand corner of each additional sheet.

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Enter All Additional Establishments in Item 2B: Then Complete Items 2C, 3, and 4

APPENDIX D—Continued

INSTRUCTIONS FOR COMPLETING FORM NC-X1B

A. DEFINITIONS

- ▶ **Census File Number** – A Census File Number has been assigned to your company and appears in the upper right-hand corner of each page of Items 1A, 2A, and 2B. Always refer to the complete number in any correspondence with the Census Bureau in order to expedite a reply. Also, be sure to fill in the Census File Number in the upper right-hand corner of the pages used for any entries in Item 2B.
- ▶ **Employer Identification Number** – The nine-digit taxpayer identification number assigned by the Internal Revenue Service and used by all business firms and other legal entities to file Federal employment tax returns such as Form 941, Employer's Quarterly Federal Tax Return and Federal Income Returns such as Form 1120, U.S. Corporation Income Tax Return, and Form 1065, U.S. Partnership Return of Income.
- ▶ **Company or Firm** – A legal entity, such as a sole proprietorship, partnership, corporation, cooperative, investment trust, etc., including both profit and non-profit organizations.
- ▶ **Establishment** – A single physical location within the United States and its territories where business is conducted or where services or industrial operations are performed. (For example: a factory, mill, store, hotel, movie theater, mine, farm, ranch, bank, railroad depot, airline terminal, sales office, warehouse, or central administrative office.) Where distinctly separate activities are performed at a single physical location (such as contract construction activities operated from the same physical location as a lumber yard), each activity should be treated as a separate establishment.

SPECIAL INSTRUCTIONS FOR SELECTED INDUSTRIES AND/OR ACTIVITIES

Please refer to the enclosed, separate booklet entitled, "Special Instructions" before completing forms.

These instructions include a general definition of an Establishment, Payroll, Central Administrative Office (CAO) and Auxiliary establishment, how to report Non-establishment Employees and special instructions for companies with activities falling in the below listed categories.

- Construction (general contractors, special trade contractors, subdividers, and operative builders)
- Oil and Gas Field Operations
- Manufacturing
- Transportation and Public Utilities
- Wholesale, Retail, and Selected Services – Commission Agent/Broker and Merchant Wholesaler, Liquor Stores (Government Operated Reported by Agency or Officials), Appliance Sales by Public Utility companies, Department or Concessions, Leased Service Stations, Contract Food Operators, Mail Order Sales, Vending Machine Operations, and Direct Selling Operations (House-to-House), New Car Dealers, Automotive Rental and Leasing, Building Cleaning and Maintenance, Guard Service, Laundries, Dry Cleaners, Photofinishing Firms, Engineering (Consulting and Design), Liaison or Customer Contact Office.
- ▶ **Subsidiary** – A company which is owned or controlled by another firm or company. Subsidiaries include firms in which your company owns more than fifty percent of the outstanding voting stock, as well as affiliated firms in which your company has the power to direct or cause the direction of the management and policies.
- ▶ **Number of Employees During the Pay Period Including March 12, 1973** – All full-time and part-time employees on the payroll during the March 12 pay period. Include as employees all persons on paid sick leave, paid holidays, and paid vacations; include salaried officers and executives of incorporated firms. This definition is the same as the definition used for Item 1 of Treasury Form 941, Employer's Quarterly Federal Tax Return.
- ▶ **Domestic Establishments** – Those establishments of your company and its subsidiaries that are physically located in the United States and its territories and possessions (Puerto Rico, Canal Zone, Virgin Islands, Guam, American Samoa, and Trust Territory of Pacific Islands).

B. INSTRUCTIONS

- ▶ **Item 1 – Employer Identification Numbers of Your Company and Its Subsidiaries, and Their 1973 Employment** – This item should include a list of all Employer Identification (EI) Numbers currently used by your company and its domestic and foreign subsidiaries to report either Federal employment taxes (IRS Forms 941, 943, or CT-1) or income returns (IRS Forms 1065, 1120, 1120S or 990C). If your company or any of its subsidiaries uses different EI numbers in reporting employment and income for the same legal entity, be sure there is a separate entry for each such number in either 1A or 1B.
- ▶ **Item 1A – Listing of Employer Identification Numbers (Based on Census Records)** – All EI numbers (based on Census records) have been prelisted in numeric sequence. Their associated names and addresses are also prelisted where available. If the EI number is currently used, correct any errors or omissions in the prelisted name and address in column (a); report in column (b) the number of employees on the payroll during the pay period including March 12, 1973; indicate in column (c) whether the EI number is used in reporting Federal employment taxes on IRS Forms 941, 943, or CT-1. If the EI number is not used to file these IRS forms, column (b) should be zero. If the EI number is active, mark box "1" in column (d). If the EI number is no longer used by your company or its subsidiaries, but was used during the first quarter 1973 complete columns (b) and (c). In column (d) mark boxes 2–4 that apply. If operations previously reported under a prelisted EI number are now included under another EI number of your company, mark box "4" and indicate the item 1A or 1B EI number under which you are now reporting these activities. On the other hand, if you sold all the activities of a subsidiary but retained the EI number, mark box "3" and complete as indicated.
- ▶ **Item 1B – Your Listing of Additional Employer Identification Numbers**
 - ▶ **Column (a)** – List separately each EI number not prelisted in item 1A that is currently used by your company or its domestic and foreign subsidiaries. Also enter the name and mailing address of the subsidiary.
 - ▶ **Column (b)** – Report the number of employees during the pay period including March 12, 1973.
 - ▶ **Column (c)** – Indicate whether the EI number is used to report Federal employment taxes; if not, column (b) should be zero.
 - ▶ **Column (d)** – Mark the box which describes the reason for adding the EI number to the list. If you transferred operations from one EI number of your company and its subsidiaries to another EI number, mark box "7" and enter the former EI number. If you add a firm that was acquired through the purchase of stock, assets, etc., mark box "5" and report the date of purchase and the former owner's name and address. Also report this information for any subsidiary listed in item 1B that was specifically set up by your company to take over the operations of an acquired company, even though the acquired company was dissolved or liquidated.

Additional copies of items 1B and 2B are available upon request. If you prefer, you may use your own paper to list additional subsidiaries, EI numbers and establishments; in such instances, however, please follow the same format as shown on the report form. Be sure to enter the item number, your company's name and address, and the Census File Number in the upper right-hand corner of each additional sheet.

- ▶ **Item 2 – Domestic Establishments of your Company and Its Subsidiaries, and Their 1973 Employment** – This item should include an up-to-date list of all domestic establishments of your company and its subsidiaries as identified in Items 1A and 1B. If more than one EI number is assigned to an establishment, report the employment tax EI number in Items 2A and 2B. Except in these cases and for EI numbers used for activities wholly outside the United States and its territories and possessions, be sure there is at least one establishment in Item 2A or 2B for each employment tax EI number listed in Item 1A or 1B.

- ▶ **Item 2A – Listing of Domestic Establishments (Based on Census Records)** – Review each prelisted establishment. For establishments still in operation, correct any errors or omissions in the prelisted name, address, and EI number in column (a). Make sure that the address represents the ACTUAL PHYSICAL LOCATION, not a mailing address. If you assign a store or plant number to each of your establishments, please enter this number in the space provided. Identify in the establishment name those Leased Departments operated in a retail or service store as "leased dept." or "leased concession." The major kind of business description in column (a) is based on information previously reported to the Census Bureau.

For each establishment still in operation, mark box "1" in column (c) and report employees and payroll in column (b). If the establishment has changed its location (moved), mark box "2" and make necessary corrections in column (a) by lining out the imprinted information and writing in the new information above it. For establishments no longer in business, mark box "3," "4," or "6" in column (c) to explain the reason for the deletion. If operations previously reported under a prelisted EI number are now included under another EI number of your company, do not report these changes as a "sale" but correct the EI number in column (a). If you ceased operations at a location and then sold the building, report these cases as "closed," mark box "4," and give the date of closing.

- ▶ **Item 2B – Your Listing of Additional Domestic Establishments** – List separately all domestic establishments of your company and its subsidiaries not prelisted in Item 2A that were in operation, or under construction, during part or all of 1973. Please read the definition of an establishment above before completing this item.

Column (a) – Provide the EI number, name, and address of the physical location of each added establishment. If you have assigned a store or plant number to any of these locations, also enter this in the space provided. In all cases, be sure to provide complete address information including the number and street, city, State, ZIP code, and county.

Column (b) – Report the number of employees on the establishment payroll during the pay period including March 12, 1973. If the location had no employees during the pay period, enter "none." Report first quarter establishment payroll and annual payroll before deductions in thousands of dollars.

Column (c) – Mark one box which best describes the principal business activity during 1973. Check Auxiliary for any establishment primarily engaged in performing supporting services for your own or affiliated company rather than your customers or clients. Check Central Administrative Offices (CAO) for an establishment primarily engaged in management and general administrative functions.

Column (d) – List in order of importance the principal products mined or made, kinds of retail or wholesale business, types of services performed or kind of construction work done and indicate the approximate percentage each was of your total receipts.

Instructions for (e) and (f) – Answer question (e) for acquired establishments. Complete (f) if the establishment is not yet in operation. Enter month and year you expect it to begin operation and the expected employment when fully operational.

Note – After you have completed item 2, please be sure to complete Items 2C, 3, and 4 before returning this form.

- ▶ **Item 2C – Reconciliation of Employment Reported by EI Numbers and by Establishments** – Complete this item after you have finished Items 2A and 2B. This item is to provide you and the Bureau of the Census with a systematic procedure for determining if the updated list of establishments in Items 2A and 2B account for ALL DOMESTIC ACTIVITIES of your company and its subsidiaries.

Column (a) – The Employer Identification (EI) Numbers are identical to those prelisted in item 1A. Bring this list up-to-date by making the corrections previously made in item 1A and adding any EI numbers that you added in item 1B.

Column (b) – Enter the corresponding number of employees for each EI number. If the EI number has no employees, enter "None."

Column (c) – For each EI number, enter the sum of the employment figures for each establishment of the EI number, as reported in both Items 2A and 2B. Compare this figure with the entry in column (b) and enter the difference in column (d). Where differences in excess of 5% or 500 employees occur, examine the data that you reported in Items 1A, 1B, 2A, and 2B for errors, omissions, or duplications. If the difference still exists, please explain in column (e). In all cases except the three listed below, each EI number listed in item 1A or 1B should have at least one establishment listed in item 2A or 2B; conversely, each establishment listed in item 2A or 2B should have its EI number listed in item 1A or 1B. The three exceptions are:

1. If your company or any of its subsidiaries has been assigned an EI number covering activities wholly outside of the United States and its territories, it is not necessary to include the establishments covering these foreign activities in item 2A or 2B. Therefore, in completing Item 2C for EI numbers assigned to your foreign activities, enter "Foreign" in column (b) and ignore columns (c) through (e).
2. If your company reports employment and income under different EI numbers for the same legal entity, you should report the establishments of this firm only once in item 2A or 2B with the EI number used to report employment taxes. In these cases, therefore, there will be no establishment in item 2A or 2B for the income EI number. In completing item 2C for these EI numbers, enter "None" in column (b) and indicate the appropriate employment tax EI number(s) in column (e).
3. If your company or any of its subsidiaries became inactive after March 12, 1973 pay period, complete columns (b)–(e). If there was an EI change or EI used only part of the year complete columns (b)–(e) if applicable.

- ▶ **Item 3 – Company Affiliation** – If your company is owned or controlled by another company, i.e., your company is a subsidiary, enter the name, address and EI number of your parent company.

- ▶ **Item 4 – Certification** – After you have finished all items on the report, complete the certification as indicated.

APPENDIX D—Continued

DUE DATE: 20 DAYS AFTER RECEIPT OF FORM		O.M.B. No. 41-R2751; Approval Expires December 31, 1974	
FORM NC-X1C (Item 1A) <small>(7-30-73)</small>		U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMIN. BUREAU OF THE CENSUS	
1973 REPORT OF COMPANY ORGANIZATION (This page includes Items 1A and 1B)		NOTICE — Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.	
Please complete this report within 20 days after receipt and RETURN THIS COPY TO		Refer to this CENSUS FILE NUMBER in any correspondence pertaining to this report	
NOTE — The purpose of this form is to obtain an accurate and up-to-date list of your establishments, i.e., separate business locations that were in operation, or under construction during part or all of 1973. To make it easier for you to complete this report, we have pre-listed information that you have previously provided to the Census Bureau. READ THE INSTRUCTIONS ON THE REVERSE SIDE BEFORE COMPLETING THIS REPORT		Company name and address (Please correct any errors in name and address including ZIP code)	
Item 1 — EMPLOYER IDENTIFICATION NUMBERS OF YOUR COMPANY AND ITS SUBSIDIARIES, AND THEIR 1973 EMPLOYMENT			
This item should include a list of all Employer Identification (EI) Numbers currently used by your company and its domestic and foreign subsidiaries in reporting either Federal employment taxes (IRS Forms 941, 943, or CT-1) or Federal income returns (IRS Forms 1065, 1120, 1120S, or 990C). In Item 1A , based on Census records, we have prelisted your company's EI number and name and address. Please make any corrections necessary to update these entries. Also complete columns (b) and (c) as indicated. In Item 1B add EI numbers that are currently used by your company that are not prelisted in Item 1A . List separately in column (a) all Employer Identification (EI) Numbers and their associated names and addresses. For each added EI number complete columns (b) and (c) as indicated. If you need more space for adding EI numbers, you may request additional pages or use a blank sheet of paper following the same format shown below in Item 1B . At the top of each sheet enter "Item 1B continued" and your company name, address, and Census File Number.			
Item 1A — LISTING OF YOUR EMPLOYER IDENTIFICATION NUMBER (BASED ON CENSUS RECORDS)			
Line No.	Employer Identification (EI) Number, name, and mailing address <small>(Please correct any errors and supply missing information)</small> (a)	Employees (during the pay period including March 12, 1973) (b)	Status of company or subsidiary at the end of 1973 <small>(Mark one box and complete as indicated)</small> (c)
	EMPLOYER IDENTIFICATION NUMBER NAME NUMBER AND STREET CITY STATE ZIP CODE	(Number)	1 <input type="checkbox"/> Active 2 <input type="checkbox"/> Inactive — Date _____ 3 <input type="checkbox"/> Sold (Mo./Yr. of sale) _____ PURCHASER'S NAME NUMBER AND STREET CITY STATE ZIP CODE 4 <input type="checkbox"/> Other — Explain →
Item 1B — YOUR LISTING OF ADDITIONAL EMPLOYER IDENTIFICATION NUMBERS — USE ITEM 2B FOR LISTING ADDITIONAL ESTABLISHMENTS			
Line No.	Employer Identification (EI) Number, name, and mailing address (a)	Employees (during the pay period including March 12, 1973) (b)	Explanation of additional companies acquired, reorganized, or newly organized under a distinct EI number during 1973 <small>(Mark one box and complete as indicated)</small> (c)
	EMPLOYER IDENTIFICATION NO. _____ NAME NUMBER AND STREET CITY STATE ZIP CODE	(Number)	5 <input type="checkbox"/> Acquired → MONTH AND YEAR OF PURCHASE _____ FORMER OWNER'S NAME NUMBER AND STREET CITY STATE ZIP CODE 6 <input type="checkbox"/> Newly organized — Date _____ 7 <input type="checkbox"/> Other — Explain →
	EMPLOYER IDENTIFICATION NO. _____ NAME NUMBER AND STREET CITY STATE ZIP CODE	(Number)	5 <input type="checkbox"/> Acquired → MONTH AND YEAR OF PURCHASE _____ FORMER OWNER'S NAME NUMBER AND STREET CITY STATE ZIP CODE 6 <input type="checkbox"/> Newly organized — Date _____ 7 <input type="checkbox"/> Other — Explain →
	EMPLOYER IDENTIFICATION NO. _____ NAME NUMBER AND STREET CITY STATE ZIP CODE	(Number)	5 <input type="checkbox"/> Acquired → MONTH AND YEAR OF PURCHASE _____ FORMER OWNER'S NAME NUMBER AND STREET CITY STATE ZIP CODE 6 <input type="checkbox"/> Newly organized — Date _____ 7 <input type="checkbox"/> Other — Explain →

Instructions on Reverse Side

APPENDIX D—Continued

INSTRUCTIONS FOR COMPLETING FORM NC-X1C

A. DEFINITIONS

- ▶ **Census File Number** — A Census File Number has been assigned to your company and appears in the upper right-hand corner of each page which contains prelisted information. Always refer to the complete number in any correspondence with the Census Bureau in order to expedite a reply. Also, be sure to fill in the Census File Number in the upper right-hand corner of the page(s) used for any entries in item 2B.
- ▶ **Employer Identification Number** — The nine-digit taxpayer identification number assigned by the Internal Revenue Service and used by employers to file Quarterly Federal Tax Return (IRS 941) and Federal income returns (such as Form 1120, U.S. Corporation Income Tax Return and Form 1065, U.S. Partnership Return of Income).
- ▶ **Establishment** — A single physical location where business is conducted or services performed.
- ▶ **Subsidiary** — Another company that is owned or controlled by your firm.
- ▶ **Number of Employees During the Pay Period including March 12, 1973** — All full-time and part-time employees on the payroll during the March 12 pay period. Report the same number of employees you reported on IRS Employers Form 941 or 943.
- ▶ **Payroll** — The gross earnings paid to employees prior to any deductions.

B. INSTRUCTIONS

- ▶ **Item 1 — Employer Identification Numbers of Your Company and its Subsidiaries, and Their 1973 Employment** — List all Employer Identification (EI) Numbers used by your company to report either Federal employment (IRS Form 941, 942 or 943) or income (IRS Forms 1065, 1120, 1120S or 990C).
- ▶ **Item 1A — Listing of Your Employer Identification Number (Based on Census Records)** — We have listed your EI number as reported to the Census Bureau in the past. Please correct any errors or omissions in the prelisted name and address in column (a) and complete columns (b) and (c). If the EI number was only used to report employment and income for part of 1973, enter the part year information and the status of the company at the end of the year.
- ▶ **Item 1B — Your List of Additional Employer Identification Numbers** — If you purchased another company or organized a subsidiary company, enter each additional EI number in item 1B and complete columns (b) and (c) for each EI number. In column (c) mark the box which describes the reason for adding the EI number to the list.
- ▶ **Item 2A — Establishments of Your Company and its Subsidiaries, and Their 1973 Employment and Payroll** — We have prelisted the individual business locations (establishments) that make up the EI number in item 1A. Please correct the name or address if necessary and complete columns (b) and (c) for each location. Estimates are acceptable if book figures are not readily available.
- ▶ **Item 2B — Your Listing of Additional Domestic Establishments** — If you added additional business locations under your original EI number, report in item 2B for each location. Also if you added additional EI numbers in item 1A, list the individual locations for each EI number in item 2B. The addresses should represent the physical location, not a mailing address. If your employment and payroll records are not kept for individual locations, estimate for the separate locations. Report First Quarter establishment payroll and Annual payroll in thousands of dollars.

EXAMPLE — If figure is \$25,428.28:

• PREFERRED METHOD → $\frac{25}{(\$1,000)}$

Column (c) — Mark one box which best describes the principal business activity during 1973. In column (d) enter the most important products you sell or the major service you offer. Be as specific as possible for the correct industrial classification of your operations.

- ▶ **Item 3 — Company Affiliation** — If your company is owned or controlled by another company, i.e., your company is considered a subsidiary, enter the name, address, and EI number of your parent company.
- ▶ **Item 4 — Certification** — After you have finished all items on the report, complete the certification as indicated.

Additional copies of items 1B and 2B are available upon request. If you prefer, you may use your own paper to list additional subsidiaries, EI numbers and establishments; in such instances, however, please follow the same format as shown on the report form. Be sure to enter the item number, your company's name and address, and the Census File Number in the upper right-hand corner of each additional sheet.

APPENDIX D—Continued

FORM NC-X1C (Item 2A) <small>(7-70-72)</small>		U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMIN. BUREAU OF THE CENSUS		Refer to this CENSUS FILE NUMBER in any correspondence pertaining to this report	
1973 REPORT OF COMPANY ORGANIZATION					
<p>Item 2 – DOMESTIC ESTABLISHMENTS OF YOUR COMPANY AND ITS SUBSIDIARIES, AND THEIR 1973 EMPLOYMENT AND PAYROLL</p> <p>This item should include an up-to-date list of all domestic establishments (business locations) of your company and its subsidiaries that were in operation, or under construction, during part or all of 1973.</p> <p>In item 2A we have prelisted establishments of your company based on Census records. Bring this list up-to-date by correcting any errors or omissions in the prelisted information in column (a) and completing columns (b) and (c) as indicated. Establishments not prelisted in item 2A should be listed by you in item 2B.</p> <p>Be sure that there is at least one establishment in item 2A or 2B for your company and each subsidiary listed in items 1A and 1B.</p>					
<p>Item 2A – LISTING OF DOMESTIC ESTABLISHMENTS (BASED ON CENSUS RECORDS)</p>					
Line No.	Employer Identification (EI) Number, major kind of business, establishment name, and address of physical location (including county and ZIP code) (Add store or plant number, if any, and correct any errors or omissions)		1973 Establishment data Report number of employees and payroll (\$1,000) for each establishment include part year operations		Status of establishment at end of 1973 (Mark one box and complete as indicated)
(a)	(b)	(c)			
EMPLOYER IDENTIFICATION NO.	MAJOR KIND OF BUSINESS	Employees (during the pay period including March 12, 1973)	1 <input type="checkbox"/> In operation		
NAME	STORE OR PLANT NO.	Payroll for the 1st quarter of 1973	2 <input type="checkbox"/> Moved – Correct address in col. (a)		
NUMBER AND STREET OF PHYSICAL LOCATION	CITY	Total annual payroll for 1973 before deductions	3 <input type="checkbox"/> Sold or leased → MONTH AND YEAR OF SALE/LEASE		
STATE	ZIP CODE	(\$1,000)	PURCHASER'S OR LESSEE'S NAME		
COUNTY	CITY	(\$1,000)	NUMBER AND STREET		
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APPENDIX D—Continued

INSTRUCTIONS FOR COMPLETING FORM NC-X1C

A. DEFINITIONS

- ▶ **Census File Number** — A Census File Number has been assigned to your company and appears in the upper right-hand corner of each page which contains prelisted information. Always refer to the complete number in any correspondence with the Census Bureau in order to expedite a reply. Also, be sure to fill in the Census File Number in the upper right-hand corner of the page(s) used for any entries in item 2B.
- ▶ **Employer Identification Number** — The nine-digit taxpayer identification number assigned by the Internal Revenue Service and used by employers to file Quarterly Federal Tax Return (IRS 941) and Federal income returns (such as Form 1120, U.S. Corporation Income Tax Return and Form 1065, U.S. Partnership Return of Income).
- ▶ **Establishment** — A single physical location where business is conducted or services performed.
- ▶ **Subsidiary** — Another company that is owned or controlled by your firm.
- ▶ **Number of Employees During the Pay Period including March 12, 1973** — All full-time and part-time employees on the payroll during the March 12 pay period. Report the same number of employees you reported on IRS Employers Form 941 or 943.
- ▶ **Payroll** — The gross earnings paid to employees prior to any deductions.

B. INSTRUCTIONS

- ▶ **Item 1 — Employer Identification Numbers of Your Company and its Subsidiaries, and Their 1973 Employment** — List all Employer Identification (EI) Numbers used by your company to report either Federal employment (IRS Form 941, 942 or 943) or income (IRS Forms 1065, 1120, 1120S or 990C).
- ▶ **Item 1A — Listing of Your Employer Identification Number (Based on Census Records)** — We have listed your EI number as reported to the Census Bureau in the past. Please correct any errors or omissions in the prelisted name and address in column (a) and complete columns (b) and (c). If the EI number was only used to report employment and income for part of 1973, enter the part year information and the status of the company at the end of the year.
- ▶ **Item 1B — Your List of Additional Employer Identification Numbers** — If you purchased another company or organized a subsidiary company, enter each additional EI number in item 1B and complete columns (b) and (c) for each EI number. In column (c) mark the box which describes the reason for adding the EI number to the list.
- ▶ **Item 2A — Establishments of Your Company and its Subsidiaries, and Their 1973 Employment and Payroll** — We have prelisted the individual business locations (establishments) that make up the EI number in item 1A. Please correct the name or address if necessary and complete columns (b) and (c) for each location. Estimates are acceptable if book figures are not readily available.
- ▶ **Item 2B — Your Listing of Additional Domestic Establishments** — If you added additional business locations under your original EI number, report in item 2B for each location. Also if you added additional EI numbers in item 1A, list the individual locations for each EI number in item 2B. The addresses should represent the physical location, not a mailing address. If your employment and payroll records are not kept for individual locations, estimate for the separate locations. Report First Quarter establishment payroll and Annual payroll in thousands of dollars.

EXAMPLE — If figure is \$25,428.28:

• PREFERRED METHOD → $\frac{25}{(\$1,000)}$

Column (c) — Mark one box which best describes the principal business activity during 1973. In column (d) enter the most important products you sell or the major service you offer. Be as specific as possible for the correct industrial classification of your operations.

- ▶ **Item 3 — Company Affiliation** — If your company is owned or controlled by another company, i.e., your company is considered a subsidiary, enter the name, address, and EI number of your parent company.
- ▶ **Item 4 — Certification** — After you have finished all items on the report, complete the certification as indicated.

Additional copies of items 1B and 2B are available upon request. If you prefer, you may use your own paper to list additional subsidiaries, EI numbers and establishments; in such instances, however, please follow the same format as shown on the report form. Be sure to enter the item number, your company's name and address, and the Census File Number in the upper right-hand corner of each additional sheet.

APPENDIX D—Continued

[illegible]

APPENDIX D—Continued

INSTRUCTIONS FOR COMPLETING FORM NC-X1C

A. DEFINITIONS

- ▶ **Census File Number** — A Census File Number has been assigned to your company and appears in the upper right-hand corner of each page which contains prelisted information. Always refer to the complete number in any correspondence with the Census Bureau in order to expedite a reply. Also, be sure to fill in the Census File Number in the upper right-hand corner of the page(s) used for any entries in item 2B.
- ▶ **Employer Identification Number** — The nine-digit taxpayer identification number assigned by the Internal Revenue Service and used by employers to file Quarterly Federal Tax Return (IRS 941) and Federal income returns (such as Form 1120, U.S. Corporation Income Tax Return and Form 1065, U.S. Partnership Return of Income).
- ▶ **Establishment** — A single physical location where business is conducted or services performed.
- ▶ **Subsidiary** — Another company that is owned or controlled by your firm.
- ▶ **Number of Employees During the Pay Period including March 12, 1973** — All full-time and part-time employees on the payroll during the March 12 pay period. Report the same number of employees you reported on IRS Employers Form 941 or 943.
- ▶ **Payroll** — The gross earnings paid to employees prior to any deductions.

B. INSTRUCTIONS

- ▶ **Item 1 — Employer Identification Numbers of Your Company and its Subsidiaries, and Their 1973 Employment** — List all Employer Identification (EI) Numbers used by your company to report either Federal employment (IRS Form 941, 942 or 943) or income (IRS Forms 1065, 1120, 1120S or 990C).
- ▶ **Item 1A — Listing of Your Employer Identification Number (Based on Census Records)** — We have listed your EI number as reported to the Census Bureau in the past. Please correct any errors or omissions in the prelisted name and address in column (a) and complete columns (b) and (c). If the EI number was only used to report employment and income for part of 1973, enter the part year information and the status of the company at the end of the year.
- ▶ **Item 1B — Your List of Additional Employer Identification Numbers** — If you purchased another company or organized a subsidiary company, enter each additional EI number in item 1B and complete columns (b) and (c) for each EI number. In column (c) mark the box which describes the reason for adding the EI number to the list.
- ▶ **Item 2A — Establishments of Your Company and its Subsidiaries, and Their 1973 Employment and Payroll** — We have prelisted the individual business locations (establishments) that make up the EI number in item 1A. Please correct the name or address if necessary and complete columns (b) and (c) for each location. Estimates are acceptable if book figures are not readily available.
- ▶ **Item 2B — Your Listing of Additional Domestic Establishments** — If you added additional business locations under your original EI number, report in item 2B for each location. Also if you added additional EI numbers in item 1A, list the individual locations for each EI number in item 2B. The addresses should represent the physical location, not a mailing address. If your employment and payroll records are not kept for individual locations, estimate for the separate locations. Report First Quarter establishment payroll and Annual payroll in thousands of dollars.

EXAMPLE — If figure is \$25,428.28:

• PREFERRED METHOD → $\frac{25}{(\$1,000)}$

Column (c) — Mark one box which best describes the principal business activity during 1973. In column (d) enter the most important products you sell or the major service you offer. Be as specific as possible for the correct industrial classification of your operations.

- ▶ **Item 3 — Company Affiliation** — If your company is owned or controlled by another company, i.e., your company is considered a subsidiary, enter the name, address, and EI number of your parent company.
- ▶ **Item 4 — Certification** — After you have finished all items on the report, complete the certification as indicated.

Additional copies of items 1B and 2B are available upon request. If you prefer, you may use your own paper to list additional subsidiaries, EI numbers and establishments; in such instances, however, please follow the same format as shown on the report form. Be sure to enter the item number, your company's name and address, and the Census File Number in the upper right-hand corner of each additional sheet.

APPENDIX D—Continued

DUE DATE: 20 Days after Receipt

Form Approved: O.M.B. No. 41-571098

Form NC-X2
11-7-72

U.S. DEPARTMENT OF COMMERCE
SOCIAL AND ECONOMIC STATISTICS ADMIN.
BUREAU OF THE CENSUS

NOTICE—Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report please refer to this Census File Number

1972 ECONOMIC CENSUSES

LISTING OF ADDITIONAL ESTABLISHMENTS

Please complete this report within 20 days after receipt and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47130

NOTE: Additional copies of this form are available upon request. If you prefer, list additional establishments on your own paper. BE SURE TO ENTER THE CENSUS FILE NUMBER in the upper right-hand corner of each additional sheet.

(Please correct any error in name and address including ZIP code)

INSTRUCTIONS

List below ALL establishments of your firm and its subsidiaries located in the U.S. or any of its territories for which you did NOT receive a 1972 Census of Business, Construction, Manufactures, or Mineral Industries report form, or which are not shown in the enclosed listing for your firm. Include those establishments acquired by you through purchase, lease, construction, or other method of acquisition; include those which were in operation or under construction at any time during 1972. For acquired establishments, also report the former owner or operator in column (f). Each additional establishment should be listed on a SEPARATE LINE, except as specified in the enclosed Special Reporting Instructions.

Employer Identification (EI) Number, establishment name, your store or plant number, if any, and address of physical location (including county and ZIP code)				Kind of business activity in 1972		Mark operating status during 1972	Approximate number of employees		
(a)	(b)	(c)	(d)	(e)					
EMPLOYER IDENTIFICATION NUMBER NAME STORE OR PLANT NO. NUMBER AND STREET OF PHYSICAL LOCATION CITY STATE ZIP CODE COUNTY	<input type="checkbox"/> Retail trade <input type="checkbox"/> Manufacturing <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Mfrs.' sales branch or sales office <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Administrative office or auxiliary <input type="checkbox"/> Other—Specify	Principal products mined or made, kinds of retail or wholesale business, types of services performed, or kinds of construction work done (List in order of importance)	<input type="checkbox"/> Operated during any part of 1972—Complete col (e) <input type="checkbox"/> Under construction or renovation, NOT operated during 1972	(Number)					
(f) Was this establishment acquired from another company? <input type="checkbox"/> Yes <input type="checkbox"/> No Month and year of purchase				Name and address of former owner or operator					
CENSUS USE ONLY	CENSUS FILE NO.	SCE	EI	T/O	IND. CODE	WT.	TAB NO.	FORM	CCS
EMPLOYER IDENTIFICATION NUMBER NAME STORE OR PLANT NO. NUMBER AND STREET OF PHYSICAL LOCATION CITY STATE ZIP CODE COUNTY				<input type="checkbox"/> Retail trade <input type="checkbox"/> Manufacturing <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Mfrs.' sales branch or sales office <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Administrative office or auxiliary <input type="checkbox"/> Other—Specify	Principal products, business, services, etc.	<input type="checkbox"/> Operated during any part of 1972—Complete col (e) <input type="checkbox"/> Under construction or renovation, NOT operated during 1972	(Number)		
(f) Was this establishment acquired from another company? <input type="checkbox"/> Yes <input type="checkbox"/> No Month and year of purchase				Name and address of former owner or operator					
CENSUS USE ONLY	CENSUS FILE NO.	SCE	EI	T/O	IND. CODE	WT.	TAB NO.	FORM	CCS
EMPLOYER IDENTIFICATION NUMBER NAME STORE OR PLANT NO. NUMBER AND STREET OF PHYSICAL LOCATION CITY STATE ZIP CODE COUNTY				<input type="checkbox"/> Retail trade <input type="checkbox"/> Manufacturing <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Mfrs.' sales branch or sales office <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Administrative office or auxiliary <input type="checkbox"/> Other—Specify	Principal products, business, services, etc.	<input type="checkbox"/> Operated during any part of 1972—Complete col (e) <input type="checkbox"/> Under construction or renovation, NOT operated during 1972	(Number)		
(f) Was this establishment acquired from another company? <input type="checkbox"/> Yes <input type="checkbox"/> No Month and year of purchase				Name and address of former owner or operator					
CENSUS USE ONLY	CENSUS FILE NO.	SCE	EI	T/O	IND. CODE	WT.	TAB NO.	FORM	CCS

Continued on reverse side

APPENDIX D-Continued

LISTING OF ADDITIONAL ESTABLISHMENTS									
Employer Identification (E.I.) Number, establishment name, your store or plant number, if any, and address of physical location (including county and ZIP code)				Kind of business activity in 1972		Mark operating status during 1972		Approximate number of employees	
(a)				(b)		(c)		(d)	
EMPLOYER IDENTIFICATION NUMBER				Principal activity (Mark one)		Principal products, services, or types of services performed, or kinds of construction work done. List in order of importance		Mark operating status during 1972	
NAME				<input type="checkbox"/> Retail trade <input type="checkbox"/> Manufacturing <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Mfrs.' sales branch or sales office <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Administrative office or auxiliary <input type="checkbox"/> Other - Specify		PRODUCTS, BUSINESS, SERVICES, ETC.		<input type="checkbox"/> Operated during any part of 1972 - Complete col. (e) → <input type="checkbox"/> Under construction or renovation, NOT operated during 1972	
STORE OR PLANT NO.									
NUMBER AND STREET OF PHYSICAL LOCATION									
CITY				STATE		ZIP CODE			
COUNTY									
(f) Was this establishment acquired from another company?				Month and year of purchase		Name and address of former owner or operator			
CENSUS USE ONLY				CENSUS FILE NO.		SCE		EI T/O	
				IND. CODE		WT.		TAB NO.	
				FORM		CCS			
EMPLOYER IDENTIFICATION NUMBER				Principal activity (Mark one)		Principal products, services, or types of services performed, or kinds of construction work done. List in order of importance		Mark operating status during 1972	
NAME				<input type="checkbox"/> Retail trade <input type="checkbox"/> Manufacturing <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Mfrs.' sales branch or sales office <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Administrative office or auxiliary <input type="checkbox"/> Other - Specify		PRODUCTS, BUSINESS, SERVICES, ETC.		<input type="checkbox"/> Operated during any part of 1972 - Complete col. (e) → <input type="checkbox"/> Under construction or renovation, NOT operated during 1972	
STORE OR PLANT NO.									
NUMBER AND STREET OF PHYSICAL LOCATION									
CITY				STATE		ZIP CODE			
COUNTY									
(f) Was this establishment acquired from another company?				Month and year of purchase		Name and address of former owner or operator			
CENSUS USE ONLY				CENSUS FILE NO.		SCE		EI T/O	
				IND. CODE		WT.		TAB NO.	
				FORM		CCS			
EMPLOYER IDENTIFICATION NUMBER				Principal activity (Mark one)		Principal products, services, or types of services performed, or kinds of construction work done. List in order of importance		Mark operating status during 1972	
NAME				<input type="checkbox"/> Retail trade <input type="checkbox"/> Manufacturing <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Mfrs.' sales branch or sales office <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Administrative office or auxiliary <input type="checkbox"/> Other - Specify		PRODUCTS, BUSINESS, SERVICES, ETC.		<input type="checkbox"/> Operated during any part of 1972 - Complete col. (e) → <input type="checkbox"/> Under construction or renovation, NOT operated during 1972	
STORE OR PLANT NO.									
NUMBER AND STREET OF PHYSICAL LOCATION									
CITY				STATE		ZIP CODE			
COUNTY									
(f) Was this establishment acquired from another company?				Month and year of purchase		Name and address of former owner or operator			
CENSUS USE ONLY				CENSUS FILE NO.		SCE		EI T/O	
				IND. CODE		WT.		TAB NO.	
				FORM		CCS			
EMPLOYER IDENTIFICATION NUMBER				Principal activity (Mark one)		Principal products, services, or types of services performed, or kinds of construction work done. List in order of importance		Mark operating status during 1972	
NAME				<input type="checkbox"/> Retail trade <input type="checkbox"/> Manufacturing <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Mfrs.' sales branch or sales office <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Administrative office or auxiliary <input type="checkbox"/> Other - Specify		PRODUCTS, BUSINESS, SERVICES, ETC.		<input type="checkbox"/> Operated during any part of 1972 - Complete col. (e) → <input type="checkbox"/> Under construction or renovation, NOT operated during 1972	
STORE OR PLANT NO.									
NUMBER AND STREET OF PHYSICAL LOCATION									
CITY				STATE		ZIP CODE			
COUNTY									
(f) Was this establishment acquired from another company?				Month and year of purchase		Name and address of former owner or operator			
CENSUS USE ONLY				CENSUS FILE NO.		SCE		EI T/O	
				IND. CODE		WT.		TAB NO.	
				FORM		CCS			
EMPLOYER IDENTIFICATION NUMBER				Principal activity (Mark one)		Principal products, services, or types of services performed, or kinds of construction work done. List in order of importance		Mark operating status during 1972	
NAME				<input type="checkbox"/> Retail trade <input type="checkbox"/> Manufacturing <input type="checkbox"/> Wholesale trade <input type="checkbox"/> Mfrs.' sales branch or sales office <input type="checkbox"/> Construction <input type="checkbox"/> Minerals extraction <input type="checkbox"/> Administrative office or auxiliary <input type="checkbox"/> Other - Specify		PRODUCTS, BUSINESS, SERVICES, ETC.		<input type="checkbox"/> Operated during any part of 1972 - Complete col. (e) → <input type="checkbox"/> Under construction or renovation, NOT operated during 1972	
STORE OR PLANT NO.									
NUMBER AND STREET OF PHYSICAL LOCATION									
CITY				STATE		ZIP CODE			
COUNTY									
(f) Was this establishment acquired from another company?				Month and year of purchase		Name and address of former owner or operator			
CENSUS USE ONLY				CENSUS FILE NO.		SCE		EI T/O	
				IND. CODE		WT.		TAB NO.	
				FORM		CCS			

FORM NC-22 (5-5-72)

APPENDIX D—Continued

DATE: 10/15/2023

TIME: 10:15 AM

FORM NC-X3 (0300)

U.S. DEPARTMENT OF COMMERCE

SOCIAL AND ECONOMIC STATISTICS ADMINISTRATION

BUREAU OF THE CENSUS

1972

ECONOMIC CENSUSES

GENERAL SCHEDULE

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47130

NC-X3 (0300)

In correspondence pertaining to this report, please refer to this Census File Number

Employer Identification Number

Form Approved, O.M.B. No. 41-57200

NOTICE - Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Please correct errors in name, address and ZIP code. ENTER street and number if not shown.

INTRODUCTION AND GENERAL INSTRUCTIONS

The Bureau of the Census is now conducting a census of establishments primarily engaged in the types of activities described in Section A, item 1 below. However, our records do not contain sufficient information on the kind of business or activity carried on at your establishment. Please complete Section A, item 1 below, to provide this information. Then proceed according to the instructions given in item 2 (i.e., if you are primarily engaged in one of the business activities described in boxes 1 through 33 or 59 below, complete Section A and ALL of Section B; otherwise,

complete only Section A and the certification in Section B, item 9, and return the form in the envelope provided).

Please refer to the Census File Number (the 11-digit number in the upper left corner of the address label), if you write to us about this report. This will expedite our processing of correspondence.

If book figures are not available, carefully prepared estimates are acceptable.

Section A - KIND OF BUSINESS OR ACTIVITY DURING 1972

Item 1 - BUSINESS OR ACTIVITY

Mark the box or boxes which best describe the kind of business or activity in which your company was primarily engaged in 1972.

1 PUBLIC WAREHOUSING AND STORAGE

2 MINING - Extracting or quarrying minerals (metallic and non-metallic ores; stone, sand, gravel; oil and gas; coal; etc.); minerals exploration and development; contract mineral services

3 MANUFACTURING - Fabricating, assembling, or processing materials into new products. Also includes such activities as logging; apparel jobbing; machine shop repair, and miscellaneous services "for the manufacturing trade."

CONSTRUCTION (Includes new and/or maintenance and repair)

4 General contractor (buildings, roads, etc.)

5 Special trade contractor (painting, carpentry, plumbing, etc.)

6 Operative or merchant builder, land subdivider and developer

WHOLESALE TRADE - Selling merchandise to retailers; industrial, commercial, professional, institutional users; farmers; and government

7 Merchant wholesaler

8 Merchandise agent or broker

9 Other type of wholesaler - Specify

RETAIL TRADE - Selling merchandise to the general public (includes eating and drinking places and gasoline service stations)

10 Selling at this establishment

11 Mail order (catalog selling)

12 House-to-house (direct selling)

13 Operating merchandise vending machines

14 Other type of retailer - Specify

SELECTED SERVICES (Includes amusement and recreation services)

15 Motel or tourist court

16 Dry cleaning plant

17 Coin operated dry cleaner or laundry

18 Laundry or dry-cleaning agent "retail store"

19 Beauty shop

20 Barber shop

21 Funeral service

22 General auto repair

23 Law office

24 Truck carrier, local service, except ICC regulated

25 Other services (e.g., repair, business services, theaters, amusement, recreation, travel agency.) Specify kind

26 Farm or ranch

27 Feed lot operations (cattle, hogs, and lambs)

28 Poultry operations, including hatcheries

29 Horticultural production (greenhouse products and nursery products)

30 Animal specialties (horses, rabbits, fur-bearing animals in captivity, fish in captivity)

31 Agricultural services (e.g., soil preparation, custom harvesting, cotton ginning, labor and management services)

32 Veterinarian, animal hospital

33 Forestry (e.g., timber tracts, forest nursery)

34 Fishery

TRANSPORTATION (If business is a travel agency, mark box 25, if a non-ICC regulated motor carrier, mark box 24.)

35 Railroad

36 Taxicab

37 Water transportation

38 Air transportation

39 Pipeline

40 Motor carrier (ICC regulated only)

COMMUNICATION

41 Telephone or telegraph service

42 Radio or television broadcasting

43 ELECTRIC, GAS, SANITARY SERVICES

FINANCE, INSURANCE, REAL ESTATE

44 Finance (bank, credit agency, security dealer, financial leasing)

45 Insurance

46 Real estate (except hotel operation, land subdividers and developers, and operative builders)

47 MEDICAL AND OTHER HEALTH SERVICE - Doctor, dentist, hospital, etc. (If dental laboratory, mark box 25.)

48 EDUCATIONAL SERVICE (If a barber, beauty, or dancing school, mark box 25.)

NONPROFIT MEMBERSHIP ORGANIZATION (Nonprofit recreation clubs and performing arts organizations should mark box 59 and specify activity.)

49 Trade association, board of trade, chamber of commerce

50 Professional membership organization

51 Labor union

52 Civic, social, or fraternal association

53 Political organization

54 Religious organization

55 Charitable organization

MISCELLANEOUS SERVICES

56 Accounting, auditing, bookkeeping (If a data processing service, mark box 25.)

57 Writer, lecturer

58 Government organization

OTHER BUSINESS

59 All other - Specify activity

Item 2 - MARK ONE

1 If you have marked one or more boxes numbered 1-33 OR 59 - COMPLETE Section B on the reverse side.

2 If only boxes numbered 34-58 are marked - SKIP to Section B, item 9, "Certification" on the reverse side.

APPENDIX D—Continued

Page 2

Section B — OPERATIONS OF ESTABLISHMENT DURING 1972									
Item 1 — PHYSICAL LOCATION OF BUSINESS ESTABLISHMENT The address of this business establishment is the address at which you have your principal place of business, which may differ from the mailing address. a. Is this business establishment PHYSICALLY located at the address shown in the address box of this form? <div style="border: 1px solid black; padding: 2px;"> YES <input type="checkbox"/> NO <input type="checkbox"/> </div>					PHYSICAL LOCATION Street name and number, city, state, and ZIP code. <div style="border: 1px solid black; padding: 2px;"> _____ </div>				
b. Is this business establishment located WITHIN the LEGAL boundaries of the city, village, etc., which you indicate is its PHYSICAL location? <div style="border: 1px solid black; padding: 2px;"> YES <input type="checkbox"/> NO <input type="checkbox"/> </div>					c. In what county is this business establishment PHYSICALLY located? <div style="border: 1px solid black; padding: 2px;"> _____ </div>				
Item 2 — EMPLOYER IDENTIFICATION NUMBER a. Is the Employer Identification (E.I.) Number printed in the upper right of the address box the SAME as that used for this establishment on your latest 1972 Employer's Quarterly Federal Tax Return, Treasury Form 941? <div style="border: 1px solid black; padding: 2px;"> YES <input type="checkbox"/> NO <input type="checkbox"/> </div>									
b. Did this establishment also use any other Employer Identification E.I. Number during 1972? <div style="border: 1px solid black; padding: 2px;"> YES <input type="checkbox"/> NO <input type="checkbox"/> </div>									
Item 3 — PERIOD OPERATED IN 1972 a. Was this establishment in business at the end of 1972? <div style="border: 1px solid black; padding: 2px;"> YES <input type="checkbox"/> NO <input type="checkbox"/> </div>									
b. How many months during 1972 did you own this establishment? <div style="border: 1px solid black; padding: 2px;"> _____ </div>									
Important — Please read If your business is reported as "Sole Proprietorship" or "Partnership", please use the "Sole Proprietorship" or "Partnership" column. If your business is reported as "Corporation", please use the "Corporation" column.									
EXAMPLE: \$1,125,628.28									
PREFERRED method									
Acceptable method									
Item 4 — DOLLAR VOLUME OF BUSINESS IN 1972 Include in line "a" all sales of merchandise, whether or not payment was received in 1972, all other receipts from customers for services, including repair, maintenance, delivery, and installation charges, and all receipts from carrying charges or other charges and credits. a. Enter the dollar volume of sales and other receipts from customers, including sales and excise taxes collected. <div style="border: 1px solid black; padding: 2px;"> _____ </div>					b. Does the entry in line "a" include sales taxes and excise taxes collected from customers? <div style="border: 1px solid black; padding: 2px;"> YES <input type="checkbox"/> NO <input type="checkbox"/> </div>				
c. If "No," how much, if any, did you forward to taxing agencies for such taxes? <div style="border: 1px solid black; padding: 2px;"> _____ </div>					d. Of the amount in line "a," what percent was for products manufactured by you at this location? <div style="border: 1px solid black; padding: 2px;"> _____ </div>				
Item 5 — PAYROLL AND EMPLOYMENT Lines a and b — Report the gross earnings paid to employees prior to such deductions as employee's Social Security contributions, withholding taxes, group insurance premiums, union dues, and savings bonds. Include in gross earnings all wages, salaries, commissions, dismissal pay, paid bonuses, vacation and sick-leave pay, and the cash equivalent of compensation paid in kind. If a corporation, include salaries of officers, if an unincorporated concern, exclude payments to proprietors or partners. Line c — Be sure to include all persons on paid sick leave, paid holidays, and paid vacation during the pay period indicated, as well as those actually working. If a corporation, include officers, if an unincorporated concern, exclude proprietors or partners.					a. Total ANNUAL payroll in 1972, before deductions <div style="border: 1px solid black; padding: 2px;"> _____ </div>				
b. Payroll for the FIRST QUARTER of 1972 <div style="border: 1px solid black; padding: 2px;"> _____ </div>					c. Number of paid employees for the pay period including March 12, 1972 <div style="border: 1px solid black; padding: 2px;"> _____ </div>				
Item 6 — COMPANY ORGANIZATION a. Is the first digit of your Census File Number (printed in the address box) a zero (0)? <div style="border: 1px solid black; padding: 2px;"> YES <input type="checkbox"/> NO <input type="checkbox"/> </div>									
b. Is this company owned or controlled by another company? <div style="border: 1px solid black; padding: 2px;"> YES <input type="checkbox"/> NO <input type="checkbox"/> </div>									
c. Does this company own or control any other company or companies? <div style="border: 1px solid black; padding: 2px;"> YES <input type="checkbox"/> NO <input type="checkbox"/> </div>									
d. YOUR BUSINESS LOCATIONS (1) At how many locations did you operate this business during 1972? (Include all selling or service locations and any other facilities such as warehouses, administrative offices, etc.) <div style="border: 1px solid black; padding: 2px;"> _____ </div>									
(2) At each location (including main location), if more space is needed, attach separate sheet providing same information required below.									
Census use only	Physical address of business location Street name and number, city, state, ZIP code	Census use only	Kind of business at this location	Sales and receipts	Annual payroll	Number of employees*			
1	1	1	1	1	1	1			
2	2	2	2	2	2	2			
3	3	3	3	3	3	3			
4	4	4	4	4	4	4			
TOTAL (Totals should equal entries in items 4a and 5a and 5c)									
Item 7 — SOURCE OF SALES OR RECEIPTS List below the principal lines of merchandise sold, kinds of construction work done, products manufactured or mined, or services performed and indicate the approximate percentage each was of your total receipts (item 4a) in 1972.									
Lines of merchandise sold, types of construction activity, types of services, and products manufactured or mined									
Percentage of total receipts shown in item 4a									
Item 8 — SALES OR RECEIPTS BY CLASS OF CUSTOMER Report the approximate percentage of your total 1972 sales or receipts for each class of customer.									
Report in whole percents									
a. General public (household consumers and individuals)									
b. Builders, contractors, applicators									
c. Other retailers									
d. Wholesale organizations									
e. Institutional, industrial, commercial, professional and farm users (for use in farm production) and government									
f. Other (Specify)									
Item 9 Name of person to contact regarding this report Address (if different from label address) Telephone Area code Number Extension									
CERTIFICATION This report is substantially accurate and covers the period from _____ to _____ Signature of authorized person _____ Title _____ Date _____									

* Report number of paid employees for the pay period including March 12, 1972.

APPENDIX D—Continued

PENALTY FOR FAILURE TO REPORT DUE DATE: February 15, 1973

Form Approved: O.M.B. No. 41-S71102

NOTICE — Reponse to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to this Census File Number

MC-M6 (SIC 2842)

FORM MC-M6 (SIC 2842)

U.S. DEPARTMENT OF COMMERCE
SOCIAL AND ECONOMIC STATISTICS
ADMINISTRATION
BUREAU OF THE CENSUS

**1972 CENSUS OF MANUFACTURES
CLASSIFICATION REPORT**

CHEMICALS, HOUSEHOLD

Please complete this form and RETURN TO BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47130

IMPORTANT — PLEASE READ

Please complete this form and return it in the enclosed envelope as soon as you can, but not later than **February 15, 1973.**

Please correct errors in name, address and ZIP code. ENTER street and number if not shown.

Please complete form on reverse

Mark the **ONE** box which best describes your principal activity in 1972.

217500 8 ☐ Manufacturing household insecticides and repellents

4-2

217700 4 ☐ Manufacturing polishes, specialty cleaning and sanitation goods, nonpersonal deodorants, etc., except household insecticides and repellents

☐ Other — Please specify whether business activity is manufacturing, mining, merchandising, or other services. List most important products produced, or sold, or services rendered.

CERTIFICATION	Name of person to contact	Address (Number, street, city, State, ZIP code)	
	Signature of authorized person	Title	Date

FORM MC-M6

APPENDIX D—Continued

1972 ECONOMIC CENSUSES

CENTRAL ADMINISTRATIVE OFFICE OR

AUXILIARY ESTABLISHMENT

PLEASE COMPLETE THIS FORM AND RETURN TO

BUREAU OF THE CENSUS

1201 East Tenth Street

Jeffersonville, Indiana 47130

PLEASE READ INSTRUCTIONS BEFORE COMPLETING REPORT

If calendar year records are not available, fiscal year reports for the periods ending between October 31, 1972 and February 28, 1973 are acceptable. If book figures are not available, carefully prepared estimates are acceptable. If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.

This report should cover ONLY the establishment identified in the address box.

U.S. DEPARTMENT OF COMMERCE

SOCIAL AND ECONOMIC STATISTICS ADMINISTRATION

BUREAU OF THE CENSUS

IN correspondence pertaining to this report please refer to this Census File Number

Employer Identification Number

PLEASE correct any error in name and address including ZIP code

ITEM 1 NAME AND PHYSICAL LOCATION OF ESTABLISHMENT

The purpose of this inquiry is to determine the place (city, county, etc.) where your business is actually located (which may differ from the mailing address) so that the data can be tabulated in the correct geographic area.

a. Name of this establishment, IF DIFFERENT from that appearing in the address box.

Name

b. Is your business establishment PHYSICALLY located at the address shown in the address box of this form?

YES - Proceed to c and d

NO - Enter PHYSICAL location Also answer c and d

c. Is this business establishment located WITHIN the LEGAL boundaries of the city, village, etc., which you indicate is its PHYSICAL location?

1 Yes

2 No

d. In what county is your business establishment PHYSICALLY located?

County

ITEM 2 EMPLOYER IDENTIFICATION NUMBER

a. Is the Employer Identification (E) Number printed in the address box the SAME as that used for this establishment on your latest 1972 Employer's Quarterly Federal Tax Return, Treasury Form 941?

Yes

No - If "No," enter the currently assigned E1 number here

b. Did this establishment also use any other Employer Identification (E) Number during 1972?

Yes - If "Yes," enter E1 number(s)

No

ITEM 3 LEGAL FORM OF ORGANIZATION OF COMPANY OPERATING THIS ESTABLISHMENT (MARK ONE)

010 1 Individual proprietor

2 Partnership

3 Corporation (Do NOT mark if any form of cooperative association)

4 Co-op (cooperative association), corporate or noncorporate

5 Other - Specify

ITEM 4 PRINCIPAL ACTIVITY OF THIS ESTABLISHMENT IN 1972

Mark the ONE item that BEST describes the PRINCIPAL activity of this establishment. If none applies, mark item (j) and enter a description of your principal activity. MARK ONE ITEM ONLY.

011 1 a. Centralized administration (i.e., supervisory functions of a central, home, general, branch, divisional or district office)

2 b. Management and other supporting services (e.g., purchasing or buying office, accounting office, legal office, public relations office, etc.)

3 c. Warehousing

4 d. Chainstore warehousing (i.e., a combination of administrative and warehousing activities described in a, b, and c)

5 e. Research, development, and testing

6 f. Trading stamp redemption

7 g. Selling

8 h. Repair service

9 i. Electronic data processing

0 j. Other

ITEM 5 PRINCIPAL ACTIVITIES OF YOUR COMPANY SERVICED BY THIS ESTABLISHMENT IN 1972

a. Does this establishment perform the above described management, general administrative functions, or other supporting services primarily for establishments of your company (rather than for other business firms or for the general public)?

012 1 Yes - Complete items 5b, c, and d

2 No - Skip to item 6

b. Does this establishment perform these management and administrative functions or services for all establishments of your company? ("Your company" refers to the parent firm and all its subsidiaries under common ownership or control.)

013 1 Yes

2 No

c. Mark the principal kind of business or industrial activity of the establishments of your company that are managed or serviced by this central office or auxiliary.

014 1 Minerals extraction, quarrying, production, or exploration

2 Manufacturing (fabricating, assembling, or processing materials into new products, also includes publishing and printing)

3 Construction (including general contracting, subcontracting, home building, and land subdividing and developing)

4 Manufacturer sales branches or other wholesale operations

5 Retail stores

6 Other - Describe

d. List in order of importance, the principal products made, kinds of retail or wholesale business operated, types of services rendered, or construction activities performed by the establishments that are managed or serviced by this central office or auxiliary.

(1)

(2)

(3)

(4)

IMPORTANT - Figures for dollars should be reported in thousands. If you wish you may report to the nearest dollar. In either case, please be careful to enter your figures in the correct columns.

EXAMPLE: If payroll is \$1,125,628

PREFERRED method 1 125 628

Acceptable method 1 125 628

ITEM 6 PAYROLL AND EMPLOYMENT AT THIS ESTABLISHMENT DURING 1972

a. Payroll - Report the payroll of persons employed at this establishment, including its traveling personnel. Do not include the payroll of employees working in or from other establishments of your company, however, even though paid from this location. (The number and payroll of such employees should be included in the 1972 Census reports for the establishments at which they were actually employed.)

b. Employment by function - Report the number of employees employed at this establishment according to the principal functions performed during the pay period including March 12, 1972.

Where records do not provide actual employee counts in terms of the functions listed, estimates of the approximate number in each are acceptable. Those persons performing a variety of functions should be reported in their primary activity during that pay period, or allocated on some other reasonable and consistent basis (e.g., by converting the total number of man-hours or man-days expended during the pay period into the average number of employees in each activity).

c. Were the employees and payroll reported above also reported in any other 1972 Census establishment report form of your company i.e., in the Census Forms MA-, MC-, CB-, or CC-series?

Yes - If "Yes," please give the 11-digit CENSUS FILE NUMBER of that report

No

Key

050

051

052

053

054

055

056

057

058

Payroll during 1972. (Enter the total wages, salaries, bonuses, commissions, and other remuneration paid to employees of this establishment during 1972, before payroll deductions)

Employment by function for pay period including March 12, 1972

(1) Centralized administration (e.g., various management functions of a general, home, or district office)

(2) Research, development, and testing

(3) Warehousing

(4) Sales to customers directly from this location

(5) Trading stamp redemption

(6) Electronic data processing

(7) Other - Specify

(8) TOTAL NUMBER OF EMPLOYEES (Sum of lines 1 through 7)

Millions

Thousands

Dollars

Mill.

Thou.

Dol.

058

APPENDIX D—Continued

FORM NC-X6 (Rev.)

Page 2

ITEM 7	SALES MADE BY THIS ESTABLISHMENT DURING 1972 TO CUSTOMERS OUTSIDE YOUR COMPANY				Key	Mil.	Thou.	Dols.
<p>a. Report all sales made by this establishment during 1972 (merchandise sales, receipts for services, and other business receipts) to customers outside your company. Include excise taxes and sales taxes paid directly to taxing agencies.</p> <p>Exclude intracompany transfers to other domestic establishments of your company; however, include export transfers to your foreign subsidiaries. Exclude sales to outside customers made by OTHER establishments of your company, even though billed centrally by this establishment. (Report such sales on the 1972 Census forms of these other establishments.)</p>			<p>a. Sales made by this establishment during 1972 to customers outside your company</p>		060			
<p>b. List principal products sold or services rendered by this establishment to customers outside your company, and their approximate percent of 1972 sales and receipts, as reported in item 7a above.</p>								
Principal products sold or services rendered			Percent of sales and receipts in 1972		Principal products sold or services rendered			Percent of sales and receipts in 1972
(1)			%		(3)			%
(2)			%		(4)			%
ITEM 8	BILLINGS BY THIS ESTABLISHMENT IN 1972 TO RETAIL STORES OF YOUR COMPANY				Key	Mil.	Thou.	Dols.
<p>Report at cost value all merchandise billed by this establishment in 1972 to retail stores of your company. Include all billings, whether or not the merchandise was shipped directly by the supplier to your retail stores or shipped from this establishment.</p> <p>Exclude purchases made directly by your individual stores. Exclude billings to establishments other than your retail stores. Exclude sales to retail stores of other companies, and franchise sales (which should be reported in item 7a above.)</p>			<p>Total billings by this establishment in 1972 to retail stores of your company</p>		065			
ITEM 9	INVENTORIES AT BEGINNING AND END OF 1972							
<p>Report all inventories of this establishment at current cost (if feasible), rather than sales price. Exclude inventories reported by other establishments of your company on your 1972 Census establishment forms.</p>			<p>a. BEGINNING of 1972</p>		068			
			<p>b. END of 1972</p>		069			
ITEM 10	CAPITAL EXPENDITURES FOR THIS ESTABLISHMENT DURING 1972 (EXCLUDE LAND AND MINERAL RIGHTS)							
<p>Report all capital expenditures actually made during 1972 for this establishment, including major alterations, capitalized repairs and improvements. "Capital expenditures" refer to all costs that are chargeable to property accounts for which depreciation or amortization accounts are ordinarily maintained.</p> <p>Include the cost of all improvements and new construction at this establishment which were in progress but had not been completed at the end of 1972. Include expenditures made by your company (or any of its subsidiaries) for structures which, upon completion, were or are to be sold and leased back to this establishment. Include transfers of used plant and equipment to your establishment from other establishments of your company.</p> <p>Exclude the cost of land and mineral rights. Exclude the cost of maintenance and repairs charged as current operating expense. Exclude capital expenditures made by outside owners of property rented or leased to this establishment. Exclude capital expenditures made by this establishment for other locations of your company.</p>			<p>Type of capital expenditures:</p> <p>a. New structures and additions to plant</p>		070			
			<p>b. New machinery and new equipment</p>		071			
			<p>c. Used plant and used equipment acquired from others (including transfers from other establishments of your company)</p>		072			
			<p>d. TOTAL CAPITAL EXPENDITURES DURING 1972 (Sum of lines a, b, and c) →</p>		074			
ITEM 11	CHANGES IN GROSS VALUE OF DEPRECIABLE ASSETS OF THIS ESTABLISHMENT DURING 1972							
<p>Report the changes in gross value of depreciable assets of this establishment for which depreciation or amortization accounts are ordinarily maintained. "Gross value" represents the acquisition cost (original cost or other basis) to your company of such depreciable assets. Include all depreciable assets (buildings, structures, machinery, equipment, etc.) and all amortizable fixed assets. Include all improvements and new construction "in progress" during 1972 but not yet completed at the end of 1972. Also include the value of depreciable assets owned by this establishment but leased or rented to other companies. Include the value of depreciable assets owned by your company or any of its subsidiaries but "leased" to this establishment.</p> <p>Exclude the value of depreciable assets at other locations of your company (or any of its subsidiaries) for which this establishment maintains records.</p>			<p>a. Gross value of depreciable assets at BEGINNING of 1972</p>		075			
			<p>b. Total capital expenditures during 1972 (Copy figure from item 10d)</p>		076			
			<p>c. Gross value of depreciable assets sold, retired, transferred, scrapped or destroyed during 1972</p>		078			
			<p>d. Gross value of depreciable assets, at END of 1972 (Should equal lines a + b - c. If not, please comment in "Remarks.") →</p>		079			
ITEM 12	RENTAL PAYMENTS MADE FOR THIS ESTABLISHMENT DURING 1972 (EXCLUDE LAND)							
<p>Report all rental payments made or accrued during 1972 to OUTSIDE firms which own the plant and equipment rented or leased by this establishment. Exclude rental payments made by this establishment to your parent company or any of its subsidiaries. (The gross value of such company-owned assets should be reported in item 11, however, as if actually owned by this establishment.) Exclude rental payments made by this establishment for plant and equipment located at other establishments of your company.</p> <p>In reporting rents paid (or equivalent charges) for use of "Buildings and structures," exclude separately identified fees for leasing of land (such as ground rents).</p> <p>Under "Machinery and equipment," be sure to include rental payments, (or equivalent charges), for use of transportation equipment, office equipment, computer systems, passenger cars, and all other types of machinery or equipment.</p>			<p>Rental payments made for this establishment:</p> <p>a. For use of BUILDINGS AND STRUCTURES (excluding land)</p>		085			
			<p>b. For use of MACHINERY AND EQUIPMENT</p>		086			
			<p>c. TOTAL RENTAL PAYMENTS (Sum of lines a and b) →</p>		087			
ITEM 13	COST OF RESEARCH AND DEVELOPMENT PERFORMED AT THIS ESTABLISHMENT DURING 1972							
<p>"Cost" should include all costs incurred at this establishment during 1972 to support research and development activities (i.e. wages and salaries; direct materials costs; services and supporting costs; and an appropriate share of depreciation and overhead). If this establishment performed research and development for the Federal government or for other companies on contract during 1972, include the total amount charged for such work performed. (Also, report such receipts in item 7 above.) If this establishment performed research and development for your own company or its subsidiaries, include the total amount of company funds provided for such work performed.</p>			<p>Type research and development performed:</p> <p>a. Federal contracts and subcontracts</p>		095			
			<p>b. Research and development performed with other (non-Federal) funds from outside your company</p>		096			
			<p>c. Research and development performed with funds from within your company</p>		097			
			<p>d. TOTAL COST OF RESEARCH AND DEVELOPMENT DURING 1972 (Sum of lines a, b, and c) →</p>		098			
ITEM 14	WAREHOUSE STORAGE SPACE, AS OF DECEMBER 31, 1972							
<p>If you reported any employees in item 6b, line (3) "Warehousing," complete this item. Exclude floor space occupied by interior walls, permanent aisles, elevator shafts, stairways, offices, receiving and shipping platforms, etc.</p>			<p>Occupiable floor space (under roof) - occupied and unoccupied - of this establishment</p>		099			Square feet
Remarks								
ITEM 15	Name and address (including ZIP code) of person to contact regarding this report					Telephone		
						Area code	Number	Extension
CERTIFICATION	This report is substantially accurate and covers the period from _____ to _____					Date		
Signature of authorized person			Title			Date		

APPENDIX D—Continued

PENALTY FOR FAILURE TO REPORT		DUE DATE FEBRUARY 15, 1973		O.M.B. No. 41-571017. Approval Expires December 31, 1974																																																																																																																			
<div style="text-align: center;"> FORM NC-K1 <small>(19691)</small> U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMINISTRATION BUREAU OF THE CENSUS </div> <div style="text-align: center; margin-top: 20px;"> 1972 ECONOMIC CENSUSES COMPANY SUMMARY REPORT </div> <div style="text-align: center; margin-top: 20px;"> PLEASE COMPLETE THIS FORM AND RETURN TO </div> <div style="text-align: center; margin-top: 10px;"> BUREAU OF THE CENSUS 1201 East Tenth Street Jeffersonville, Indiana 47130 </div> <div style="text-align: center; margin-top: 10px;"> If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. </div>		<div> NOTICE — Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process. </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> In correspondence pertaining to this report please refer to CENSUS FILE NO. </div> <div style="margin-top: 5px;"> Name and address—Please correct errors in name, address and ZIP code. ENTER street and number if not shown. </div>																																																																																																																					
PLEASE READ INSTRUCTIONS BEFORE COMPLETING REPORT																																																																																																																							
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>This form will provide you and the Bureau of the Census with a systematic means for assuring that all domestic activities of your company and its subsidiaries have been accounted for in the 1972 Censuses of Business (i.e., Retail Trade, Wholesale Trade, Selected Services), Construction, Manufactures, and Mineral Industries. For the purposes of this report, "domestic" activities should include all 50 States and the District of Columbia. It should not include activities of your firm in foreign countries. (Note — Your Puerto Rico activities, if any, should be included in items 2 and 3 below but excluded from items 4 through 11 on page 2 of this report.)</p> </div> <div style="width: 48%;"> <p>Please complete Form NC-K1, "Company Summary Report," after you have prepared all required 1972 Census establishment reports for your company and its subsidiaries, but before you return these completed reports to the Bureau of the Census. Preparing this Company Summary Report prior to returning the completed establishment reports may help you to discover more readily and to correct promptly any omission or duplication of reports for those establishments which should be covered in the 1972 Economic Censuses. In turn, this will speed up the Census Bureau's processing of your company report forms and will minimize any correspondence regarding coverage.</p> </div> </div>																																																																																																																							
ITEM 1 GENERAL INFORMATION																																																																																																																							
<div style="display: flex; justify-content: space-between;"> <div style="width: 55%;"> <p>a. Name of company</p> <p>_____</p> <p>b. Company organization</p> <p>Is the above-named company owned or controlled by another company? (If "Yes," please give employer identification number, company name, and address of controlling company.)</p> <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </div> <div> <p>Employer Identification Number (9 digits) → </p> <p>Company name _____</p> <p>Street name and address _____</p> <p>City _____ State _____ ZIP code _____</p> </div> </div> </div> <div style="width: 40%;"> <p>c. Legal form of organization of company — Mark one</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> <input type="checkbox"/> 1 Individual proprietor </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> <input type="checkbox"/> 2 Partnership </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> <input type="checkbox"/> 3 Corporation (Do not mark if any form of cooperative association.) </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> <input type="checkbox"/> 4 Co-op (Cooperative association), corporate or noncorporate </div> <div style="border: 1px solid black; padding: 2px;"> <input type="checkbox"/> 5 Other — Specify _____ </div> </div> </div>																																																																																																																							
ITEM 2 EMPLOYMENT SUMMARY OF YOUR COMPANY AND ITS SUBSIDIARIES DURING 1972																																																																																																																							
<p>Column (a) lists the Employer Identification (E.I.) Numbers assigned to your company, based on information you reported on the 1972 Census Form NC-X1 (A, B, or C), "Report of Company Organization." Column (b) lists the number of paid employees for the pay period including March 12, 1972, also as reported on Census Form NC-X1 (A, B, C). Please update this list to correct any errors and to add to column (a) any E.I. numbers covering domestic activities which are not listed, but which were used by your company or any of its domestic subsidiaries at any time during 1972. Then, complete columns (b) through (h) for each E.I. number — either prelisted or added by you. (Use item 2 Continuation sheet if necessary.)</p> <p style="text-align: center; font-size: small;">NOTE: All employment figures (columns b through d) are for the pay period including MARCH 12, 1972</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th rowspan="3">Line number</th> <th rowspan="3">Employer Identification Number(s) used by your company during 1972 (a)</th> <th rowspan="3">Number of employees as previously reported on Census Form NC-X1 (A, B, or C) (b)</th> <th rowspan="3">Employees in domestic establishments as reported on your 1972 Census forms for the pay period including March 12, 1972 (c)</th> <th rowspan="3">Employees in domestic activities not reported on your Census forms (d)</th> <th rowspan="3">Description of these activities not reported on your Census forms (e)</th> <th rowspan="3">Total payroll for the year 1972 for these activities not reported on your Census forms (THOUSANDS of dollars) (\$000) (f)</th> <th colspan="2">Is this E.I. number used to report Federal employment taxes? MARK (X)</th> <th rowspan="3">FOR CENSUS USE ONLY</th> </tr> <tr> <th>YES</th> <th>NO</th> </tr> <tr> <th>(g)</th> <th>(h)</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td colspan="9">Subtotal from item 2 Continuation sheet, if any</td></tr> <tr><td>10</td><td colspan="9">TOTAL All Employer Identification Numbers</td></tr> </tbody> </table>						Line number	Employer Identification Number(s) used by your company during 1972 (a)	Number of employees as previously reported on Census Form NC-X1 (A, B, or C) (b)	Employees in domestic establishments as reported on your 1972 Census forms for the pay period including March 12, 1972 (c)	Employees in domestic activities not reported on your Census forms (d)	Description of these activities not reported on your Census forms (e)	Total payroll for the year 1972 for these activities not reported on your Census forms (THOUSANDS of dollars) (\$000) (f)	Is this E.I. number used to report Federal employment taxes? MARK (X)		FOR CENSUS USE ONLY	YES	NO	(g)	(h)	1										2										3										4										5										6										7										8										9	Subtotal from item 2 Continuation sheet, if any									10	TOTAL All Employer Identification Numbers								
Line number	Employer Identification Number(s) used by your company during 1972 (a)	Number of employees as previously reported on Census Form NC-X1 (A, B, or C) (b)	Employees in domestic establishments as reported on your 1972 Census forms for the pay period including March 12, 1972 (c)	Employees in domestic activities not reported on your Census forms (d)	Description of these activities not reported on your Census forms (e)								Total payroll for the year 1972 for these activities not reported on your Census forms (THOUSANDS of dollars) (\$000) (f)	Is this E.I. number used to report Federal employment taxes? MARK (X)		FOR CENSUS USE ONLY																																																																																																							
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10	TOTAL All Employer Identification Numbers																																																																																																																						
ITEM 3 COVERAGE CHECK OF COMPANY EMPLOYMENT TOTALS																																																																																																																							
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>a. Comparison of COMPANY employment with ESTABLISHMENT employment for the pay period including March 12, 1972.</p> <p>Enter employment totals from item 2, line 10:</p> <p>(1) From column (c), total _____</p> <p>(2) From column (d), total _____</p> <p>(3) Sum of figures above _____</p> <p>(4) Sum of company employment for pay period including March 12, 1972. (From column (b), total) _____</p> </div> <div style="width: 50%;"> <p>b. If the two figures in lines (3) and (4) of item 3a differ by more than 5 percent, please verify the reported figures in item 2. (For each Employer Identification Number, compare the column (b) figure with the sum of columns (c) and (d). These totals should ordinarily be equal for each E.I. number, if all employment has been accounted for.)</p> <p>If, after such verification, a company-wide difference in excess of 5 percent still exists, please explain: _____</p> </div> </div>																																																																																																																							

Please continue on page 2

APPENDIX D—Continued

FORM NC-K1

Page 2

INSTRUCTIONS FOR SELECTED COMPANY STATISTICS FOR 1972 (ITEMS 4 - 11)

Please report the following items on a consolidated basis for the DOMESTIC ACTIVITIES of your company and ALL its subsidiaries. Do not include foreign activities, if any, (except for reporting foreign assets in item 11). Consolidate all domestic activities, whether or not covered in the 1972 Census by individual report forms. If calendar year records are not available, fiscal year reports for the periods ending between October 31, 1972 and February 28, 1973 are acceptable. If book records are not available, enter your best estimates. Before completing these items, please read the detailed instructions.

IMPORTANT - Figures for dollars should be reported in thousands. If you wish you may report to the nearest dollar. In either case, please be careful to enter your figures in the correct column.

EXAMPLE: If payroll is \$1,125,628

PREFERRED method . . .

Acceptable method . . .

Mil- lions (000)	Thou- sands (000)	Dol- lars (000)
\$ 1	126	
\$ 1	125	628

ITEM	COMPANY PAYROLL DURING 1972	Key	Mil.	Thou.	Dol.
	Report total wages, salaries, bonuses, commissions, and other remuneration paid by your company and its subsidiaries at domestic establishments and facilities during 1972 before payroll deductions.				
	Total company payroll during 1972	050	\$		
ITEM 4	COMPANY SALES AND RECEIPTS DURING 1972				
	Report consolidated net sales and business receipts of your company and its subsidiaries during 1972.				
	Exclude domestic intra-company transfers; exclude sales BY foreign subsidiaries; exclude non-operating income. Include sales to customers OUTSIDE your company; include excise taxes and sales taxes paid by your company directly to Federal, State, or local taxing agencies; include export transfers TO your foreign subsidiaries.				
	a. Net company sales and business receipts during 1972	060			
	b. Does the entry in 5a above include excise and sales taxes paid directly to taxing agencies? 1 <input type="checkbox"/> 2 <input type="checkbox"/>	061			
	c. If "No," report here the amount of such taxes paid by your company and its subsidiaries during 1972	062			
ITEM 5	CAPITAL EXPENDITURES DURING 1972 (EXCLUDE LAND AND MINERAL RIGHTS)				
	Report all capital expenditures actually made during 1972 by your company and its subsidiaries for all domestic establishments and facilities. "Capital expenditures" refer to all costs that are chargeable to fixed assets accounts of your company for which depreciation or amortization accounts are ordinarily maintained; include major alterations, capitalized repairs and improvements; include expenditures made in 1972 for establishments under construction but not yet in operation.				
	Exclude capital expenditures made by owners of property rented or leased by your firm and its subsidiaries; but include expenditures made by your firm and its subsidiaries for structures which, on completion, were or are to be sold and leased back by your firm. Exclude cost of land, mineral rights, and cost of maintenance and repair charged as current and operating expenses; exclude capital expenditures by subsidiaries in foreign countries.				
	Type of capital expenditures				
	a. New structure and new additions to plant	070			
	b. New machinery and new equipment	071			
	c. Used plant, machinery, and equipment acquired from others	072			
	d. Capitalized development and exploration of mineral properties	073			
	e. TOTAL CAPITAL EXPENDITURES DURING 1972 (Sum of lines a, b, c, and d)	074			
ITEM 6	CHANGES IN DEPRECIABLE ASSETS DURING 1972				
	Report the value of depreciable assets of your company and its subsidiaries for which depreciation or amortization accounts are ordinarily maintained. "Gross value" represents the acquisition cost (original cost or other basis) to your company of such fixed depreciable assets.				
	Include depreciable assets for all domestic establishments and facilities.				
	Exclude depreciable assets of your company and its subsidiaries in foreign countries. These assets should be reported in item 11c below.				
	Include all depreciable assets (buildings, structures, equipment, etc.) and amortizable fixed assets.				
	Exclude depletable assets (land, timber, and mineral rights) and non-fixed assets (inventories, cash, accounts receivable, etc.). These assets should be reported in item 11b below.				
	Include in the value of assets all improvements and new construction that were "in-progress" but not yet completed at the end of 1972. Also include the value of depreciable assets (machinery, equipment, buildings, structures, computer equipment, etc.) owned by your company and its subsidiaries, but leased or rented to other companies.				
	a. Gross value (original cost or other basis) of depreciable assets owned by your company, as of BEGINNING of 1972	075			
	b. Total capital expenditures DURING 1972 (Copy figure from item 6e.)	076			
	c. Other acquisitions by your company (by merger, exchange of stock, etc.) of depreciable assets DURING 1972 (if not included in line b above)	077			
	d. Deductions from depreciable assets DURING 1972 (i.e., gross value of assets sold, retired, scrapped, or destroyed; and other adjustments)	078			
	e. Gross value (original cost or other basis) of depreciable assets owned by your company, as of END of 1972 (Lines a + b + c - d)	079			
ITEM 7	CHANGES IN DEPRECIATION RESERVES DURING 1972				
	In line a include total depreciation reserves as of the beginning of 1972 for the assets included in item 7, line a.				
	In line b include additions made to depreciation reserves during 1972 for assets owned at the beginning of the year or acquired during the year.				
	Exclude depletion reserves and reserves for intangible assets.				
	Exclude depreciation of assets held in foreign countries. Such assets should be reported in item 11c below.				
	a. Accumulated depreciation as of BEGINNING of 1972	080			
	b. Depreciation charges against assets DURING 1972, (including charges against those acquired or completed during the year)	081			
	c. Additions charged to other accounts DURING 1972	082			
	d. Deductions from reserves for retirements, renewals, and replacements during 1972	083			
	e. Accumulated depreciation as of END of 1972 (Lines a + b + c - d)	084			
ITEM 8	RENTAL PAYMENTS MADE DURING 1972 (EXCLUDE LAND)				
	Report all rental payments made or accrued during 1972 to other firms which own the plant and equipment rented or leased by your company and its subsidiaries.				
	In reporting rents paid (or equivalent charges) for use of "Buildings and structures," exclude separately identified fees for leasing of land (such as ground rents).				
	Under "Machinery and equipment," be sure to include rental payments (or equivalent charges) for use of production machinery, office equipment, computer systems, passenger cars, trucks, materials handling equipment, and all other types of machinery or equipment.				
	a. For use of BUILDINGS AND STRUCTURES (excluding land)	085			
	b. For use of MACHINERY AND EQUIPMENT (including furniture and fixtures)	086			
	c. TOTAL RENTAL PAYMENTS DURING 1972 (Sum of lines a and b)	087			
ITEM 9	INVENTORIES, AS OF BEGINNING AND END OF 1972				
	Report all inventories of your company and its subsidiaries at the beginning and end of 1972 on a comparable basis.				
	Inventories should include: finished products; work-in-process; and materials, supplies, fuels, etc. Exclude inventories of subsidiaries in foreign countries.				
	In aggregating the inventories of your company and its subsidiaries, report value on a current cost basis, if feasible, otherwise at book value.				
	Value of inventories:				
	a. All inventories, as of BEGINNING of 1972	088			
	b. All inventories, as of END of 1972	089			
ITEM 10	TOTAL COMPANY ASSETS, AS OF END OF 1972				
	Report the balance sheet assets of your company and its subsidiaries on a consolidated basis.				
	Lines a and b should include only domestic assets of your company and its subsidiaries.				
	Line c should include all assets of your company and its subsidiaries in foreign countries, regardless of type.				
	Report all foreign assets on a NET basis. (Line c)				
	Type of company assets:				
	a. Net value of depreciable assets (Should equal line 7e less 8e)	090			
	b. All other domestic assets (i.e., inventories, cash, accounts receivable, land, etc.)	091			
	c. Net foreign assets (i.e., assets located in foreign countries)	092			
	d. TOTAL COMPANY ASSETS, AS OF END OF 1972 (Sum of lines a, b, and c)	093			
Remarks					
ITEM 11	Name and address (including ZIP code) of person to contact regarding this report				
				Telephone	
				Area code	Number
				Ext.	
CERTIFICATION	This report is substantially accurate and covers the period from _____ to _____				
	Signature of authorized person		Title		Date

APPENDIX D—Continued

PENALTY FOR FAILURE TO REPORT **DUE DATE: FEBRUARY 15, 1973**

FORM MC-36B (3602) U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMIN BUREAU OF THE CENSUS

1972 CENSUS OF MANUFACTURES SWITCHGEAR AND SWITCHBOARD APPARATUS AND INDUSTRIAL CONTROL

Please complete and return this form as soon as possible after receipt to: **BUREAU OF THE CENSUS 1201 East Tenth Street Jeffersonville, Indiana 47130**

PLEASE READ ACCOMPANYING INSTRUCTION SHEET AND INSTRUCTIONS WITH EACH ITEM BEFORE COMPLETING

If book figures are not available, carefully prepared estimates are acceptable. Complete every item. Please enter the 11-digit number in the Census File Number space provided at the top of all odd-numbered pages.

If filing by due date causes an undue burden, a request of an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.

NOTICE—Responses to this inquiry are required by law. The same laws requiring that the Census Bureau's information be used in Census employment and may be used in other ways. Also, please do not release information received from this report.

In correspondence pertaining to this report, please refer to this Census File Number. **Employer identification number**

Please correct errors in name, address and ZIP code. ENTER street and number if not shown.

ITEM 1A PHYSICAL LOCATION OF MANUFACTURING ESTABLISHMENT

The purpose of this inquiry is to determine the place (city, county, etc.) where your plant is actually located (which may differ from the mailing address) so that the data can be tabulated in the correct geographic area.

a. Is your manufacturing establishment physically located at the address shown in the address box in the right hand corner of this form?

☐ NO—Enter PHYSICAL location here

Also answer b and c

*Street name and number

Place (City or village, etc.)

☒ YES

State ZIP code

Answer b and c

If location cannot be described by street name and number, give as much information as possible such as street intersection, highway number or distance from nearest town, etc.

b. Is your manufacturing establishment located WITHIN the LEGAL boundaries of the city, village, etc., which you indicate is its PHYSICAL location?

☐ YES ☐ NO

c. In what county is your manufacturing establishment PHYSICALLY located?

County

ITEM 4

Plant man-hours of production workers by quarter

a. January through March 314

b. April through June 315

c. July through September 316

d. October through December 317

e. TOTAL MAN HOURS (Item 4) 318

ITEM 5

Cost of materials, parts, resales, fuels, electricity, and contract work

a. Cost of materials, parts, components, containers, etc., consumed 321

b. Cost of products bought and resold 322

c. Cost of fuels consumed 323

d. Cost of purchased electricity 324

e. Cost of contract work done for you by others on your materials 325

f. TOTAL COST (Item 5) 326

ITEM 6

Inventories of this establishment

a. Finished products 331

b. Work-in-process 332

c. Materials, supplies, fuels, etc. 333

d. TOTAL INVENTORIES (Item 6) 334

ITEM 7

Capital expenditures during year (exclude land)

a. New structures and new additions to this plant (Exclude land) 341

b. New machinery and new equipment 342

c. Used plant and used equipment acquired from others 343

d. TOTAL CAPITAL EXPENDITURES (Item 7) 344

ITEM 2

Number of production workers during pay period including 12th of month

a. March 301

b. May 302

c. August 303

d. November 304

e. Sum of lines a-d 305

f. Average number (divide line e by 4, omit fractions) 306

g. All other employees (pay period including March 12th) 307

h. TOTAL EMPLOYMENT (Sum of lines f and g, Item 2) 308

ITEM 3A

Payrolls

a. Production workers' wages 311

b. All other salaries and wages 312

c. TOTAL PAYROLL (Item 3A) 313

ITEM 3B

Not applicable to this form.

EXAMPLE—If the payroll is \$1,125,628

● PREFERRED METHOD

Acceptable method

Complete each item, enter "0" when appropriate

ITEM 1B EMPLOYER IDENTIFICATION NUMBER(S)

a. Is the Employer Identification (E.I.) Number in the upper right of the address box the SAME as that used for this establishment on your latest 1972 Employer's Quarterly Federal Tax Return, Treasury Form 941?

☐ YES ☐ NO—Enter currently assigned E.I. number (9 digits)

b. Did this establishment also use any other Employer Identification (E.I.) Number(s) during 1972?

☐ YES—Enter E.I. number or numbers (9 digits)

☐ NO

IMPORTANT—Dollar and man-hour figures should be reported in thousands. If you wish, you may report to the nearest unit. Please be careful to enter your figures in the correct columns.

ITEM 9

Not applicable to this form

ITEM 10

Not applicable to this form

ITEM 11

Not applicable to this form

ITEM 12

Not applicable to this form

Please continue on page 2

APPENDIX D—Continued

Form MC-36B

Page 2

ITEM 13	112	MARK ONE BOX 1 <input type="checkbox"/> No change in operator or operations 2 <input type="checkbox"/> Reorganized — Describe in "Remarks," e.g., partnership change or change in corporate status 3 <input type="checkbox"/> Started new business — Date _____ 4 <input type="checkbox"/> Plant dismantled, abandoned, or destroyed on — Date _____ 5 <input type="checkbox"/> Plant idle or inactive but still owned — Date _____	
6 <input type="checkbox"/> This establishment was purchased or leased from another company — Complete the following information —			
		Name of former operator or owner _____ Address (Number, street, city, State, ZIP code) _____ Date _____	EI Number (9 digits) _____ Date _____
7 <input type="checkbox"/> This establishment was sold or leased to another company — Complete the following information —			
		Name of new operator or owner _____ Address (Number, street, city, State, ZIP code) _____ Date _____	EI Number (9 digits) _____ Date _____
ITEM 14 Is the FIRST DIGIT of your Census File Number (imprinted in the address box) a Zero "0"? <input type="checkbox"/> YES — Complete item 14A, a through d <input type="checkbox"/> NO — Skip to item 15 below			
ITEM 14A 113 a. Is this company owned or controlled by another company? <input type="checkbox"/> YES — Complete the following information — <input type="checkbox"/> NO			
Company affiliation and organization		Name, address, and Employer Identification Number of owning or controlling company _____ Activity of owning or controlling company (Describe, e.g., manufacturing, retail, wholesale, etc., and chief products sold) _____ Employer Identification No. _____	
114 b. Does this company own or control any other companies? <input type="checkbox"/> YES <input type="checkbox"/> NO c. Does this company operate more than one establishment? <input type="checkbox"/> YES <input type="checkbox"/> NO d. Did this company have any manufacturing plants under construction but not in operation at the end of the year? <input type="checkbox"/> YES <input type="checkbox"/> NO			
ITEM 14B		Name, address, and Employer Identification Number _____ Activity (Describe, e.g., manufacturing, retail, wholesale, etc., and chief products sold) _____ Employer Identification No. _____	1972 payroll and sales (\$000) Payroll \$ _____ Sales \$ _____ Payroll \$ _____ Sales \$ _____ Are payrolls and sales included on page 1 of this report? YES <input type="checkbox"/> NO <input type="checkbox"/>
ITEM 15 The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report:			
CHECKS to assure a complete and accurate report			
(1) Review the report carefully to see that no items are omitted for the year being covered. (2) Calculate and enter figures for the four "reasonableness" checks below, and review the results. (3) Correct your report for any errors you find and explain unusual figures in "Remarks." For most manufacturing establishments, the figures computed usually fall within the ranges indicated.			
"Reasonableness" checks		Calculation required for each check	Figures for 1972
a. Average hourly wages per production worker	Item 3Aa (Production workers' wages) ÷ item 4c (Total man-hours)		\$ _____
b. Hours worked per week per production worker	Item 4c (Total man-hours) × 20 ÷ item 2f (Average number of production workers)		Hrs. _____
c. Salaries and wages per dollar of shipments	Item 3Ac (Total payroll) ÷ item 18 (Total value of shipments)		\$ _____
d. Materials cost per dollar of shipments	Item 5f (Total materials cost) ÷ item 18 (Total value of shipments)		\$ _____
e. Is the total for Value of Shipments (item 18) greater than the sum for payroll (item 3Ac) plus total Cost of Materials, etc. (item 5f)? <input type="checkbox"/> YES <input type="checkbox"/> NO — Explain in "Remarks"			
Remarks			

Please continue on page 3

APPENDIX D—Continued

FORM MC-36B (3602)	U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMIN. BUREAU OF THE CENSUS 1972 CENSUS OF MANUFACTURES SWITCHGEAR AND SWITCHBOARD APPARATUS AND INDUSTRIAL CONTROLS - Continued	PLEASE ENTER YOUR CENSUS FILE NUMBER D	Page 3				
Name of establishment (Same as address box)							
Item 16 - INDUSTRIAL WATER USE DURING 1972							
Please indicate the total quantity of water used by this establishment during the calendar year 1972. Include both fresh and brackish water. Include water recirculated and reused. Report the total annual consumption of water; do NOT report hourly, daily, weekly, or monthly rates of consumption. (MARK ONE BOX ONLY)							
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> 1 Under 20 million gallons <input type="checkbox"/> 2 20 to 99 million gallons <input type="checkbox"/> 3 100 million gallons or more </div>							
Item 17 - CONSUMPTION OF SELECTED MATERIALS DURING 1972 Report separately for each listed material that was actually consumed or put in production during 1972.							
Section I - CONSUMPTION OF MATERIALS PURCHASED OR RECEIVED FROM OTHER ESTABLISHMENTS							
<div style="text-align: center; font-weight: bold;">INSTRUCTIONS</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Report delivered cost of the individual items below which were consumed or put in production during 1972. (See General Instructions (item 5) for valuation.)</p> <p>Include materials owned by this establishment but consumed by other establishments to make products for this establishment under contract.</p> <p>(Report cost of contract work in item 5e, and the value of the products produced in item 18.)</p> </div> <div style="width: 45%;"> <p>Exclude materials owned by others used in this plant to make products for other establishments under contract or on commission. However, report receipts for this contract work in item 18.</p> <p>If you consumed some of the specified material but less than \$5,000 worth of the item, enter an (X) in column (E), and include the value with "All other materials, etc." - Code 970099.</p> </div> </div>							
Line number	Materials, parts, and supplies	Census material code	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company			
				If \$5,000 or more of the listed item was consumed -	If you consumed some but less than \$5,000 worth of the listed item, enter an (X)		
				Quantity	Cost, including delivery cost (freight-in)		
					(D)		
					Millions	Thousands	Dollars
					000	000	000
	(A)	(B-1)	(B-2)	(C)			(E)
1	MILL SHAPES AND FORMS (EXCEPT CASTINGS) Carbon steel Bars and bar shapes	331011	7 Short tons	572	573		
2	Sheet and strip	331012	5 Short tons	572	573		<input type="checkbox"/>
3	Plates	331013	3 Short tons	572	573		<input type="checkbox"/>
4	Structural shapes	331015	8 Short tons	572	573		<input type="checkbox"/>
5	All other carbon steel mill shapes and forms	331019	0 Short tons	572	573		<input type="checkbox"/>
6	Alloy steel (except stainless)	331020	8 Short tons	572	573		<input type="checkbox"/>
7	Stainless steel Sheet and strip	331033	1 Short tons	572	573		<input type="checkbox"/>
8	All other stainless steel mill shapes and forms	331050	5 Short tons	572	573		<input type="checkbox"/>
9	Insulated wire and cable Report copper content in column (C) Report total cost in column (D)	335790	2 Thousand pounds	572	573		<input type="checkbox"/>
10	Report aluminum content in column (C)	335791	0 Thousand pounds	572	573		<input type="checkbox"/>
11	Copper and copper-base alloy Bare wire (for electrical conduction only)	335728	2 Thousand pounds	572	573		<input type="checkbox"/>
12	Rod, bar, and mechanical wire, including extruded and/or drawn shapes	335102	0 Thousand pounds	572	573		<input type="checkbox"/>
13	Plate, sheet, and strip, including military cups and discs	335123	6 Thousand pounds	572	573		<input type="checkbox"/>
14	Pipe and tube	335127	7 Thousand pounds	572	573		<input type="checkbox"/>
15	Aluminum and aluminum-base alloy Sheet, plate, and foil	335202	8 Thousand pounds	572	573		<input type="checkbox"/>
16	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	335205	1 Thousand pounds	572	573		<input type="checkbox"/>
17	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.)	335209	3 Thousand pounds	572	573		<input type="checkbox"/>
18	CASTINGS (ROUGH AND SEMIFINISHED) Steel	332300	3 Short tons	572	573		<input type="checkbox"/>
19	Aluminum and aluminum-base alloy	336100	8 Thousand pounds	572	573		<input type="checkbox"/>
20	Copper and copper-base alloy	336200	1 Thousand pounds	572	573		<input type="checkbox"/>

Please continue on page 4

APPENDIX D—Continued

Form MC-36B

Item 17 — CONSUMPTION OF SELECTED MATERIALS DURING 1972 — Continued										Page 4
Section I — CONSUMPTION OF MATERIALS PURCHASED OR RECEIVED FROM OTHER ESTABLISHMENTS — Continued										
Line number	Materials, parts, and supplies (A)	Census material code (B-1)	Unit of measure for quantities (B-2)	Consumption of purchased materials and of materials received from other establishments of your company					If you consumed some but less than \$5,000 worth of the listed item, enter an (X) (E)	
				If \$5,000 or more of the listed item was consumed —			Cost, including delivery cost (freight-in) (D)			
				Quantity (C)	Quantity		Cost, including delivery cost (freight-in) (D)			
					Millions	Thousands	Thousands	Dollars		
				000	000	000				
21	INDUSTRIAL ELECTRICAL CONTROL EQUIPMENT (Received for incorporation only into other industrial electrical control equipment shipped, as such, by this plant.)	571		573						
	Purchased from other companies	362200	8							
22	Received from other plants of your company	362209	9							
23	Thermoplastic resins including modified resins. (Cellulosics, polyethylenes, styrenes, etc. Include solid and liquid, but exclude sheets and other shapes.)	571		572						
		282130	4	Thousand pounds						
24	Thermosetting resins (Melamines, phenolics, polyesters, ureas, etc. Include solid and liquid, but exclude sheets and other shapes.)	571		572						
		282140	3	Thousand pounds						
25	All other materials and components, parts, containers, and supplies consumed (List the three principal "All other materials, etc." included in the above.)	571		573						
		970099	8							
26	TOTAL (Sum of lines 1-25 should be same as item 5a.)									
Section II — CONSUMPTION OF CASTINGS PRODUCED IN THIS ESTABLISHMENT AND CONSUMED IN MANUFACTURING OTHER PRODUCTS MADE IN THIS ESTABLISHMENT										
INSTRUCTIONS										
<p>Report below the quantity of each listed item produced in this establishment and consumed in manufacturing products made in this establishment.</p> <p>Purchases or receipts of the items specified below should be reported only in section I.</p> <p>Materials used to produce the items specified below should be reported in section I of item 17.</p> <p>Quantities produced for sale as such and not for incorporation in other products should be reported in item 18.</p> <p>Report quantities in the unit of measure specified in column (B-2).</p>										
Line number	Item (A)	Census material code (B-1)	Unit of measure (B-2)	Quantities produced in this establishment and consumed in manufacturing other products made in this establishment						
				Quantity	Cost					
1	CASTINGS (ROUGH AND SEMIFINISHED) Steel	571		575						
		332300	3	Short tons						
2	Aluminum and aluminum-base alloy	571		575						
		336100	3	Thousand pounds						
3	Copper and copper-base alloy	571		575						
		336200	1	Thousand pounds						
Remarks										

Please continue on page 5

APPENDIX D—Continued

FORM MC-36B (3602)		U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMIN. BUREAU OF THE CENSUS		PLEASE ENTER YOUR CENSUS FILE NUMBER		Page 5	
1972 CENSUS OF MANUFACTURES SWITCHGEAR AND SWITCHBOARD APPARATUS AND INDUSTRIAL CONTROLS - Continued							
Item 18 - PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1972 Please read the entire list of products and services below before answering this inquiry.							
INSTRUCTIONS							
Report net selling value, f.o.b. plant, after discounts and allowances and exclusive of freight charges and excise taxes.				TIE-IN LINES - This report requests totals for groups of products covered in more detail in Annual Census Surveys: MA 36A, "Switchgear and Switchboard Apparatus, Relays, and Industrial Controls," MA 36B, "Selected Instruments and Related Products," MA 36K, "Wiring Devices and Supplies," and MA 36N, "Selected Electronic and Associated Products." The relationship of figures between this survey and those above is noted in columns (B-3 and B-4).			
Include products made elsewhere for this establishment on a contract basis from materials supplied by this establishment. (The cost of these materials should be included in items 5a and 17.)				Line 25 - RESALES - Report the selling value, f.o.b. plant, of products which were resold as originally purchased and not used in further manufacturing, processing, or assembling of products made in this establishment. Report the cost of these products in item 5b.			
Exclude products made in this establishment on a contract basis from materials owned by others. Report commission or contract receipts on the appropriate line below. (Exclude materials consumed in making these items from items 5a and 17.)							
Line number	Products and services (A)	Census product code (B-1)	Unit of measure for quantities (B-2)	Corresponds to the sum of products reported on - Census form (B-3) Code (B-4)		Products shipped and other receipt Value, f.o.b. plant (E) M. I. D. S. 000 000	
1	Switchgear, except ducts and relays (36131)	36131 00	1	MA 36A	3613111-3613193		\$
2	Power circuit breakers, all voltages (36132)	36132 00	9	MA 36A	3613243		\$
3	Low voltage panelboards and distribution boards and other switching and interrupting devices, 750 volts and under (36133)	36133 00	7	MA 36A	3613311-3613398		\$
4	Fuses and fuse equipment under 2300 volts, except power distribution cut-outs (36134)	36134 00	5	MA 36A	3613431-3613493		\$
5	Molded case circuit breakers, 750 volts and under (36135)	36135 00	2	MA 36A	3613511-3613598		\$
6	Duct, including plug-in units and accessories, 750 volts and under (36136)	36136 00	0	MA 36A	3613611-3613631		\$
7	Relays, control circuit (36137)	36137 00	8	MA 36A	3613701-3613703		\$
8	General industry power circuit devices and controls - industrial controls (36220)	36220 00	2	MA 36A	3622012-3622099		\$
9	Integrating instruments, electrical	36111 00	3	MA 38B	3611110-3611161		\$
10	Other electrical measuring instruments, excluding instrument transformers	36113 10	11	MA 38B	3611308-3611376		\$
11	Instrument transformers	36113 40	5	MA 38B	3611382-3611383		\$
12	Power mercury arc rectifiers	36292 51	4	Number of units		583	\$
13	Current-carrying wiring devices, including lightning rods	36430 00	7	MA 36K	3643001-3643099		\$
14	Electric conduit and conduit fittings	36442 00	2	MA 36K	3644221-3644272		\$
15	Resistors for electronic applications	36793 00	8	MA 36N	3679311-3679355		\$
16	Controls for monitoring residential and commercial environments and appliance regulating controls	38220 00	0	MA 38B	3822020-3822070		\$
17	ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT	Describe and report separately for each product whose value was \$50,000 or more and not listed above. (Specify unit of measure for quantity.) For all remaining products describe and report a single total value.				583	\$
18						583	\$
19						583	\$
20						583	\$
21	CONTRACT WORK	Receipts for work done for others on their own materials. (Describe products worked on and kind of work.)	93000 00	8			\$
22	MISCELLANEOUS RECEIPTS	Sales of scrap and refuse	99980 13	8			\$
23		Receipts for repair work	99980 61	7			\$
24		Other miscellaneous receipts	99980 98	9			\$
25	RESALES	Sales of products bought and resold without further manufacture, processing or assembly in this establishment. (The cost of such items should be reported in item 5b.)	99989 00	6			\$
26	TOTAL (Sum of lines 1-25 column (E))		77000 00	8			\$

Please continue on page 6

APPENDIX D—Continued

Form MC-36B

Item 19 — Not applicable to this form.					Page 6	
Item 20 — SELECTED METALWORKING AND RELATED OPERATIONS PERFORMED IN THIS ESTABLISHMENT DURING 1972						
Section I — Were any of the operations listed below performed in this establishment in 1972?					5 Census code 208	(X) appropriate box YES <input type="checkbox"/> NO <input type="checkbox"/>
Section II — If "Yes," indicate in column (C) by marking appropriately, which of the specified operations were performed in this establishment during 1972. Where "Yes" is marked, show in column (D) the approximate number of production workers on all shifts usually engaged in the specified operation.						
Line number	Operation (A)	Census code (B)	Was this operation performed in this establishment during 1972? (C)		Number of production workers (on all shifts) usually employed when operated (estimate if necessary) (D)	
			YES	NO		
1	Foundry (iron or steel)	018	<input type="checkbox"/>	<input type="checkbox"/>	593	
2	Foundry (nonferrous, except die casting)	026	<input type="checkbox"/>	<input type="checkbox"/>	593	
3	Electroplating and other plating	059	<input type="checkbox"/>	<input type="checkbox"/>	593	
4	Heat treating of metals for production purposes	075	<input type="checkbox"/>	<input type="checkbox"/>	593	
5	Automatic screw machine department	083	<input type="checkbox"/>	<input type="checkbox"/>	593	
6	Machine shop	091	<input type="checkbox"/>	<input type="checkbox"/>	593	
7	Tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling	109	<input type="checkbox"/>	<input type="checkbox"/>	593	
8	Pattern shop (foundry patterns only — metal, wood, etc.)	117	<input type="checkbox"/>	<input type="checkbox"/>	593	
9	Plate or structural fabrication	125	<input type="checkbox"/>	<input type="checkbox"/>	593	
10	Stamping, blanking and forming of metals	133	<input type="checkbox"/>	<input type="checkbox"/>	593	
11	Painting, lacquering and enameling on metals	141	<input type="checkbox"/>	<input type="checkbox"/>	593	
12	Plastics molding	158	<input type="checkbox"/>	<input type="checkbox"/>	593	
Item 21 — Not applicable to this form.						
Remarks						
Item 22	Name of person to contact regarding this report		Address (Number and street, city, State)		ZIP code	Telephone Area code Number Extension
CERTIFICATION	This report is substantially accurate and covers the period from _____ to _____					
	Name of company			Address (Number and street, city, State)		ZIP code
	Signature of authorized person			Title		Date

APPENDIX D—Continued

INSTRUCTIONS FOR COMPLETING THE 1972 CENSUS OF MANUFACTURES FORMS

GENERAL INSTRUCTIONS

A separate Census report is required for each business location. Therefore, based on Census records, a report form is provided for each location which your company operated in 1972.

For purposes of the Census, a **manufacturing establishment** is defined as a single physical location where manufacturing operations are performed (e.g., a factory, mill, or plant). Thus a separate report is required for different physical locations even though the establishments may be engaged in the same line of manufacturing.

Please note that establishments engaged in the following activities are also considered to be manufacturing for the purposes of this Census: Poultry dressing, milk pasteurizing and bottling; seafood, fresh packaged or frozen; apparel jobbing and contracting, logging camps and logging, sawmills, printing, publishing—book, magazine, periodical, etc.; manufacturing and delivering ready-mixed concrete, machine shops, including those operating on a job order basis, job casting, stamping, machining, plating, galvanizing, polishing materials owned by others, etc.; ship and boat repairing.

In completing this report, a limited amount of prorating or estimating is acceptable if book records are not readily available. Include all the activities conducted within the establishment: e.g., manufacturing, fabricating, processing,

and assembling, maintenance of plant and equipment, receiving, shipping, warehousing, storage, research, recordkeeping, health, safety, cafeteria, and other services.

Each report should cover the calendar year 1972. However, a report is required even if the establishment operated only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable. If reporting on a calendar year basis will require considerable additional costs, and your fiscal year covers at least 10 months of the calendar year 1972 (i.e., ends between October 31, 1972 and February 28, 1973) you may report on a fiscal year basis. However, all employment, payroll, and man-hour figures should relate to the calendar year rather than the fiscal year. (Calendar year payroll records should be available from your tax records.)

In the certification, enter the exact dates of the period covered by the report. If the ownership changed during the year, complete the report only for that part of 1972 in which your company owned and operated the establishment. Report in item 13 the appropriate information on changes in ownership or operations.

If additional report forms are needed, write to the **Bureau of the Census, 1201 East Tenth Street, Jeffersonville, Indiana 47130**. Be sure to describe the type of activity of the establishments for which the additional report forms are requested.

INSTRUCTIONS FOR ITEMS 1 THROUGH 14

- ▶ **Item 1A and 1B—Physical Location and Employer Identification Number**—Accurate and precise information on the physical location of each establishment is needed in order to prepare the tabulations of manufacturing activity in each State, county, and city. Each establishment has tentatively been coded geographically based on the street address in the mailing label, on the assumption that the physical location and mailing address are the same. Please be certain to complete item 1A, part a, if this is not so. Item 1A, part b, and part c, must be completed even if the physical location and the mailing address are identical. Although the system devised by the Census Bureau codes adequately to State and county in all instances, in many localities it cannot clearly distinguish an address that is in the city from one that is out of the city.

Be certain to enter in item 1B, the current Employer Identification Number if it is different from the one printed in the address label. This information is needed so that the Census Bureau can avoid sending duplicate report forms for the same location. Our file of new business formations is based on the new employer identification numbers issued each year. However, we exclude mailing report forms to new employer identification numbers if we identify them as belonging to existing respondents.

(Definitions of employees and payrolls used to calculate withholding taxes generally may be followed in completing items 2 and 3A, Employment and Payrolls.)

- ▶ **Item 2—Number of Employees**—Report employees at the establishment who worked or received pay for part of the pay period including the 12th of specified months (March, May, August, and November). Include all persons on paid sick leave, paid holidays, and paid vacation during these pay periods; exclude members of Armed Forces and pensioners carried on your active rolls. Include officers at this establishment, if a corporation, if an unincorporated concern, exclude proprietor, or partners.
- ▶ **Items 2a-2d—Number of Production Workers**—Workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspecting, receiving, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plant's own use (e.g., powerplant), recordkeeping, and other closely associated services. Exclude proprietors and partners.
- ▶ **Item 2g—All Other Employees**—Nonproduction personnel, including those engaged in the following activities; supervision above working foreman level, sales (including driver salesmen), sales delivery (truck drivers and helpers), advertising, credit, collection, installation and servicing of own product, clerical and routine office functions, executive, purchasing, finance, legal, personnel (including cafeteria, etc.), professional and technical. Exclude proprietors and partners.

- ▶ **Item 3A—Payrolls**—Report the gross earnings paid in the calendar year to employees at the establishment prior to such deductions as employee's Social Security contributions, withholding taxes, group insurance premiums, union dues, and saving bonds.

Include in gross earnings commissions, dismissal pay, paid bonuses, vacation and sick-leave pay, and the cash equivalent of compensation paid in kind.

Include salaries of officers of this establishment, if a corporation, if an unincorporated concern, exclude payments to proprietors or partners.

Exclude payments to agricultural employees, fishermen, members of the Armed Forces, and pensioners carried on your active payroll.

- ▶ **Item 4—Plant Man-Hours of Production Workers by Quarter**—Include all man-hours worked or paid for, except hours paid for vacations, holidays, or sick leave. If an employee elects to work during the vacation period, report only actual hours worked by such employee. Overtime hours should be reported as actual hours worked, not straight-time equivalent hours.
- ▶ **Item 5—Cost of Materials**—Report total cost of the materials actually consumed or put in production during the year.

If there are no records of consumption, purchases may be reported instead for minor items. This can also be done for major items if purchases do not differ significantly from the amounts actually used. Where consumption of major items differs significantly from purchases, consumption may be estimated by adding beginning inventories to the amount purchased and subtracting ending inventories.

Cost is delivered cost—i.e., the amount paid or payable after discounts and including freight and other direct charges incurred by the establishment in acquiring the materials.

Include all materials received for consumption; i.e., purchases from other companies, transfers from other establishments of your own company, withdrawals from inventories.

If the establishment produces items subsequently consumed in further production, report cost of original materials consumed only.

- ▶ **Item 5a—Cost of Materials, Parts, Components, Containers, etc., Consumed**—The delivered cost figures reported in item 5a should cover all raw materials, containers, scrap, and supplies, etc., which were: (1) put into production, (2) used as operating supplies, (3) used in repair and maintenance. Item 5a should be consistent with the data in item 17.

Include also cost of materials owned by you but consumed by other companies to make products for your establishment under contract. (The value of these products should be reported in item 18). Amounts paid to other companies for such contract work should be reported on Line 5e and should include freight in and out.

Include only physical goods used or put into production.

Exclude services used or overhead charges, such as advertising, telephone, telegram and cable, insurance, developmental and research, services of engineering, management, marketing and other professional consultants, etc., unless charges for such services are included in the prices paid for materials.

Exclude also overhead items such as depreciation charges against plant and equipment; rent and rental allowances; interest payments, royalties, and patent fees.

Exclude materials, supplies, machinery, and equipment which were used in the construction of new structures or additions to your plant, or new machinery and equipment, and which are chargeable to fixed assets accounts. Exclude products purchased and resold without further manufacture or processing or assembly; their costs should be included in item 5b.

- ▶ **Item 5b—Cost of Products Bought and Resold**—Report the cost of all products bought and resold in the same condition as when purchased and not made part of another product manufactured by this establishment. (Total sales value of all products resold is to be reported in item 18 on the line for resales.)

- ▶ **Item 5c—Cost of Fuels Consumed**—Report the total amount actually paid or payable during the year for all fuels consumed for heat, power, transportation, or the generation of electricity. Do not include the estimated cost of fuels, such as sawdust or blast furnace gas, produced as a by-product of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels including purchased steam.

- ▶ **Item 5d—Cost of Purchased Electricity**—Report the total amount actually paid or payable for electric energy purchased during the year from other companies, or received from other establishments of your company. Exclude the value of electricity generated and used at this establishment.

- ▶ **Item 5e—Cost of Contract Work Done for You by Others on Your Materials**—If any contract work was done by others on materials furnished by your establishment, report the total payments made during the year for such work, including freight out and in. Exclude the cost of materials worked on, which should be included in item 5a.

- ▶ **Item 6—Inventories of This Establishment at Beginning and End of Year**—Inventories should be reported at approximate current costs, if feasible; otherwise at book values. It is important that inventories should be reported on a comparable basis at the beginning and end of year.

- ▶ **Item 7—Capital Expenditures During Year (Exclude expenditures for land)**—Include all cost actually incurred during 1972 chargeable to the fixed assets accounts and of the type for which depreciation or amortization accounts are ordinarily maintained.

- ▶ **Item 7a—New Structures and New Additions to Plant (Exclude expenditures for land)**—Report total expenditures during the year for new construction (whether constructed on contract or by your own forces), major alterations, capitalized repairs, and improvement of buildings (including all new elevators, cranes, heating and ventilating equipment essentially a part of the buildings), other fixed structures (such as blast furnaces, brick kilns, fractionating towers, shipways, and similar types of structures), and site improvements (such as roads, docks, tracks, parking lots, fences, utilities).

- ▶ **Item 7b—New Machinery and New Equipment**—Report total expenditures at this establishment for new production machinery and equipment and other new machinery and equipment. Include replacements as well as additions to capacity. Include all new motors, lathes, punch presses and similar machinery and equipment for use in production, as well as all new office machines and fixtures, furniture, cafeteria and dressing room furnishings, automobiles and trucks, and other similar equipment. Report value of improvement and capitalized repairs to machinery and equipment, whether repairs and improvements were purchased or made by employees of your company.

- ▶ **Item 7c—Used Plant and Used Equipment Acquired From Others**—Report total expenditures at this establishment for old or existing plants and for second-hand equipment acquired from others (including the U.S. Government). Include at approx. market value machinery or equipment transferred from other plants of your company.

- ▶ **Items 13 and 14—Change in Ownership or Company Affiliation and Organization**—Please complete these items fully if pertinent. Accurate completion of these items will avoid unnecessary correspondence, as well as reduce the possibility of your receiving more than one report form for the manufacturing activity at this location.

APPENDIX D-Continued

PENALTIES FOR FAILURE TO REPORT DUE DATE: FEBRUARY 15, 1973 Form Approved: O.M.B. No. 41-S71102

FORM MA-100 U.S. DEPARTMENT OF COMMERCE
SOCIAL AND ECONOMIC STATISTICS ADMIN.
BUREAU OF THE CENSUS

1972 ANNUAL SURVEY OF MANUFACTURES

(For 1972 this is the first sheet of the 1972 Census of Manufactures form)

RETURN THIS COPY TO Bureau of the Census
Jeffersonville, Indiana 47130

ITEM 1 a. Is this establishment still located in the State, county, and place shown below? (If blank or incomplete, please complete (1) through (4).)
☐ YES - Skip to part b ☐ NO - Correct or complete lines (1) through (4)

(1) Number and street
(2) City, village, or other place State ZIP code
(3) County (4) If you corrected lines 1, 2, or 3, give year moved to new location. 19

Complete a, b, and c. b. Is this establishment physically located WITHIN THE LEGAL BOUNDARIES of the city, village, or other place?
☐ YES ☐ NO

c. Is the Employer Identification (EI) Number printed in the address box the SAME as that used for this establishment on your latest Employer's Quarterly Federal Tax Return, Treasury Form 941?
☐ YES ☐ NO - Enter currently assigned EI No. here

Please correct errors in name, address and ZIP code. ENTER street and number if not shown.

Be sure to read Instruction Manual before completing report. Report items 3-11 in THOUSANDS (Example: If total payroll is \$215,166, enter \$215).

Complete each item, enter "0" when appropriate		Key	1972	1971	Complete each item, enter "0" when appropriate		Key	1972	Key	1971
ITEM 2 Number of employees	a. March	301			ITEM 6 Inventories of this establishment at end of year (\$000)	a. Finished products	331		331	
	b. May	302				b. Work-in-process	332		332	
	c. August	303				c. Materials, supplies, fuels, etc.	333		333	
	d. November	304				d. TOTAL (Item 6)	334		334	
	e. Sum of lines a-d	305								
	f. Average number (Divide line e by 4, omit fractions)	306								
ITEM 3A Payrolls (\$000)	a. Production workers' wages	311			ITEM 7 Capital expenditures during year (Exclude land) (\$000)	a. New structures and new additions to this plant (Exclude land)	341			
	b. All other salaries and wages	312				b. New machinery and new equipment	342			
ITEM 3B Suppl. labor costs not incl. in payroll (\$000)	a. Legally required expenditures, incl. Social Security contributions	361			ITEM 8 Quantity of electricity (Thousands of KWH)	a. Purchased electricity (cost is reported in 5d)	343			
	b. Payments for voluntary programs	362				b. Generated electricity (gross less generating station use)	344			
ITEM 4 Plant man-hours of production workers by quarter (Hrs. 000)	a. January through March	314			ITEM 10 Gross value of depreciable assets (original cost, end of year) (\$000)	c. Electricity sold or transferred to other establishments	347			
	b. April through June	315				a. Buildings and other structures (Exclude land)	351			
	c. July through September	316				b. Machinery and equipment	352			
	d. October through December	317				c. TOTAL (Item 10)	354			
ITEM 5 Cost of materials (\$000)	e. TOTAL (Item 4)	318			ITEM 11 Rental payments (\$000)	a. Buildings and other structures (Exclude land)	355			
	a. Cost of materials, parts, components, containers, etc., consumed	321				b. Machinery and equipment	356			
	b. Cost of products bought and resold as such	322				c. TOTAL (Item 11)	357			
	c. Cost of fuels consumed	323								
	d. Cost of purchased electricity	324								
	e. Cost of contract work done for you by others on your materials	325								
f. TOTAL (Item 5)	326									

ITEM 9 Quantity and value of products shipped and other receipts

Product classes of this establishment (If printed descriptions are incorrect, please revise. Describe all additional products. If more lines are needed, use item 9 - Continued, on page 2.)	Product class code (See manual)	Unit of quantity	1972		1971	
			Quantity	Value (\$000)	Quantity	Value (\$000)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
a.	561		562	563		
b.	561		562	563		
c.	561		562	563		
d.	561		562	563		
e.	561		562	563		
f.	561		562	563		
g.	561		562	563		
h.	561		562	563		
i.	561		562	563		
j.	561		562	563		
k.	561		562	563		
l. Enter TOTAL from page 2, item 9 - Continued, line e	561			563		
m. Receipts for work or services you performed for others on their materials - Describe	93000	8				
n. Miscellaneous receipts (repair work, installation, sales of scrap, etc.) - Describe	99980	5				
o. Sales of products bought and resold without further manufacture, processing, or assembly (Report cost in item 5b)	99989	6				
p. TOTAL (Item 9)	77000	8				

Please continue on page 2

APPENDIX D—Continued

Page 2

ITEM 9		Additional products of this establishment (Describe) (a)		Product class code (See manual) (b)	Unit of quantity (c)	1972	
Quantity and value of products shipped and other receipts (\$000)						Quantity (d)	Value (\$000) (e)
				561		562	563
				561		562	563
				561		562	563
				561		562	563
		TOTAL (Transfer to page 1, item 9, line 1)					

ITEM 12		Not applicable this year	
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ITEM 13		MARK ONE BOX	
Changes in operator or operations during 1972		<input type="checkbox"/> No change in operator or operations <input type="checkbox"/> Reorganized — Describe in "Remarks," e.g., partnership change or change in corporate status <input type="checkbox"/> Started new business — Date _____ <input type="checkbox"/> This establishment was purchased or leased from another company — Complete the following information —>	
		<input type="checkbox"/> Plant dismantled, abandoned, or destroyed on — Date _____ <input type="checkbox"/> Plant idle or inactive but still owned — Date _____	
		Name of former operator or owner _____ Address (Number, street, city, State, ZIP code) _____ EI Number (9 digits) _____ Date _____	
		<input type="checkbox"/> This establishment was sold or leased to another company — Complete the following information —>	
		Name of new operator or owner _____ Address (Number, street, city, State, ZIP code) _____ EI Number (9 digits) _____ Date _____	

ITEM 14		Is the FIRST DIGIT of your Census File Number imprinted in the address box a Zero "0"? <input type="checkbox"/> YES — Complete item 14A, a through d <input type="checkbox"/> NO — Skip to Item 15 below	
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ITEM 14A		113	
Company affiliation and organization		a. Is this company owned or controlled by another company? <input type="checkbox"/> YES — Complete the following information —> <input type="checkbox"/> NO	
		Name, address, and Employer Identification Number of owning or controlling company _____ Activity of owning or controlling company (Describe, e.g., manufacturing, retail, wholesale, etc.; and chief products sold) _____	
		Employer Identification Number —> _____	
		b. Does this company own or control any other companies? <input type="checkbox"/> YES } If "YES," complete 14B below <input type="checkbox"/> NO c. Does this company operate more than one establishment? <input type="checkbox"/> YES } <input type="checkbox"/> YES } <input type="checkbox"/> NO d. Did this company have any manufacturing plants under construction but not in operation at the end of the year? <input type="checkbox"/> YES } <input type="checkbox"/> YES } <input type="checkbox"/> NO	

ITEM 14B		114	
Other companies owned or establishments operated		Name, address, and Employer Identification Number _____ Activity (Describe, e.g., manufacturing, retail, wholesale, etc., and chief products sold) _____	
Complete only if item 14A b or c is marked "YES."		1972 payroll and sales (\$000) Payroll \$ _____ Sales \$ _____ Payroll \$ _____ Sales \$ _____	
		Are payrolls and sales included on page 1 of this report? YES NO <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

ITEM 15		CHECKS to assure a complete and accurate report																					
		The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report:																					
		(1) Review the report carefully to see that no items are omitted for the year being covered. (2) Calculate and enter figures for the four "reasonableness" checks below, and review the results. (3) Correct your report for any errors you find and explain unusual figures in "Remarks." For most manufacturing establishments, the figures computed usually fall within the ranges indicated.																					
		<table border="1"> <thead> <tr> <th>"Reasonableness" checks</th> <th>Calculation required for each check</th> <th>Figures for 1972</th> <th>Usual range</th> </tr> </thead> <tbody> <tr> <td>a. Average hourly wages per production worker</td> <td>Item 3Aa (Production workers' wages) — item 4e (Total man-hours)</td> <td>\$</td> <td>\$1 — \$10</td> </tr> <tr> <td>b. Hours worked per week per production worker</td> <td>Item 4e (Total man-hours) × 20 — item 2f (Average number of production workers)</td> <td>Hrs.</td> <td>20 — 60</td> </tr> <tr> <td>c. Salaries and wages per dollar of shipments</td> <td>Item 3Ac (Total payroll) — item 9p (Total value of shipments)</td> <td>c</td> <td>05c — 95c</td> </tr> <tr> <td>d. Materials cost per dollar of shipments</td> <td>Item 5f (Total materials cost) — item 9p (Total value of shipments)</td> <td>e</td> <td>05e — 95e</td> </tr> </tbody> </table>		"Reasonableness" checks	Calculation required for each check	Figures for 1972	Usual range	a. Average hourly wages per production worker	Item 3Aa (Production workers' wages) — item 4e (Total man-hours)	\$	\$1 — \$10	b. Hours worked per week per production worker	Item 4e (Total man-hours) × 20 — item 2f (Average number of production workers)	Hrs.	20 — 60	c. Salaries and wages per dollar of shipments	Item 3Ac (Total payroll) — item 9p (Total value of shipments)	c	05c — 95c	d. Materials cost per dollar of shipments	Item 5f (Total materials cost) — item 9p (Total value of shipments)	e	05e — 95e
"Reasonableness" checks	Calculation required for each check	Figures for 1972	Usual range																				
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d. Materials cost per dollar of shipments	Item 5f (Total materials cost) — item 9p (Total value of shipments)	e	05e — 95e																				
		e. Is the total for Value of Shipments (item 9p) greater than the sum for Payroll (item 3Ac) plus total Cost of Materials, etc. (item 5D)? <input type="checkbox"/> YES <input type="checkbox"/> NO — Explain in "Remarks"																					
		f. Is the gross value of depreciable assets (item 10c) minus total capital expenditures (item 7d), within 5% of gross depreciable assets at the beginning of the survey year? <input type="checkbox"/> YES <input type="checkbox"/> NO — Explain in "Remarks"																					
		Remarks																					

Please continue on page 3

APPENDIX D—Continued

DUE DATE: THIRTY DAYS AFTER RECEIPT OF FORM

O.M.B. No. 41-R2349, Approval Expires November 30, 1978

<p>Form MA-171 11-29-74</p> <p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMINISTRATION BUREAU OF THE CENSUS</p> <p style="text-align: center;">DEPARTMENT OF DEFENSE-OWNED AND -OPERATED ESTABLISHMENTS PRIMARILY ENGAGED IN MANUFACTURING AND ASSEMBLY, AND/OR RESEARCH AND DEVELOPMENT (Includes shipyards)</p> <p style="text-align: center;">(Supplement to the Annual Survey of Manufactures, Census Form MA-100)</p> <p>INSTRUCTIONS — This report is to be prepared by those Department of Defense establishments whose primary activities are manufacture and assembly and/or research and development. All shipyards are included.</p> <p>The information requested is based upon reports now regularly prepared by most such establishments.</p>	<p>NOTICE — Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.</p> <p style="text-align: center;">(Please correct if any error in name and address, including ZIP code)</p> <p style="text-align: center;">PLEASE RETURN THIS COPY</p>
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ITEM 1 — NAME AND PHYSICAL LOCATION OF ESTABLISHMENT ON DECEMBER 31, 1974													
<p>a. Name of establishment</p> <p>Your answers to parts b, c, d, e, and f of this item should relate to the ACTUAL PHYSICAL LOCATION of this establishment which may be different from the mailing address.</p> <p>b. Street and number of establishment location*</p> <p>*If establishment location cannot be described by street and number, give name and number, if any, of road or highway and sufficient information to locate establishment, e.g., Rt. 25, 3 miles south of Charlesville.</p> <p>c. Type and name of place in which located (Mark first applicable type and enter name of place.)</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>Type</th> <th>Name of place</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> City</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Village or borough</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Town</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Township</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Other (Specify)</td> <td></td> </tr> </tbody> </table>	Type	Name of place	<input type="checkbox"/> City		<input type="checkbox"/> Village or borough		<input type="checkbox"/> Town		<input type="checkbox"/> Township		<input type="checkbox"/> Other (Specify)		<p>d. Is this establishment physically located within the legal boundaries of the place named in "c"?</p> <p style="text-align: center;"><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>e. County in which located</p> <p>f. State ZIP code</p> <p>g. Telephone number of establishment (Include area code)</p>
Type	Name of place												
<input type="checkbox"/> City													
<input type="checkbox"/> Village or borough													
<input type="checkbox"/> Town													
<input type="checkbox"/> Township													
<input type="checkbox"/> Other (Specify)													
<p>ITEM 2 — NATURE OF ACTIVITY Describe briefly the kind of activity of this establishment. If a manufacturing plant, list the three most important products.</p>													

ITEM 3 EMPLOY- MENT AND PAYROLLS IN CALENDAR YEAR 1974	Class of employee	Item code	Number of civilian employees in 1974						Total wages and salaries of civilian employees (Thousands of dollars) (G)
			At end of quarter (As reported on Civil Service Form SF-113-A**)				Sum of columns A, B, C, and D (E)	Average number of employees (Col. E divided by 4) (F)	
			March (A)	June (B)	September (C)	December (D)			
(Civilian employees only)	a. Wage Board employees	41							\$
	b. All others	42							\$
	c. TOTAL CIVILIAN EMPLOYEES → (Sum of lines a and b)	49							\$

**The number of Wage Board employees (line a) should be the same as reported on line 5 of SF-113-A.
The total (line c) should be the same as reported on line 1 of SF-113-A.

ITEM 4 MAN-DAYS OF WAGE BOARD EMPLOYEES BY CALENDAR QUARTER 1974	Enter the total number of man-days of Wage Board employees for each calendar quarter of 1974. Do not include days paid for vacations, holidays, or sick leave.	Item code	1974 Quarterly period	Man-days (Thousands) (A)	Estimated number of man-hours*** (Thousands) (B)
		51	a. January through March		
		52	b. April through June		
		53	c. July through September		
		54	d. October through December		
		59	e. TOTAL, 1974 (Sum of lines a, b, c, and d)		

***Obtain figure for column (B) by multiplying column (A) by average number of hours per day per Wage Board employee in this establishment.

Please continue on page 2

APPENDIX D—Continued

ITEM 5 BILLINGS BY THIS ESTABLISH- MENT DURING CALENDAR YEAR 1974	Enter below the specified classes of billings of this establishment for calendar year 1974			
	Billings for products and services (including progress billings)	Item code	Value (Thousands of dollars)	
	Manufacture and assembly	61	\$	
	Construction and conversion	62		
	Overhaul, repair, and renovation	63		
	Alteration and modification	64		
	Research and development	65		
	Other billings	66		
	Total billings for products and services	67		
	Increase or decrease in unbilled costs of work in progress	68		
TOTAL EARNED REVENUE →		69		
ITEM 6 COSTS DURING CALENDAR YEAR 1974	Types of costs incurred		Item code	Cost (Thousands of dollars)
	Materials, supplies, and parts used		71	\$
	Wages and salaries (same as item 3, code 49, col. G)		72	
	Contractual services and other costs		73	
	TOTAL COSTS INCURRED →		79	
VALUE ADDED (Census use only)		81		
ITEM 7 CHECKS TO ASSURE A COMPLETE AND ACCURATE REPORT <i>(Please complete this item after you have answered all items on this report.)</i>	The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report: a. Review this report carefully to see that no items are omitted. b. Calculate and enter the four "reasonableness" checks (described below), then review the resulting figures. c. Correct your report for any errors you find; explain unusual figures in "Remarks" section.			
	"Reasonableness" checks	Calculation required for each check		Resulting figures for 1974
	(1) Average hourly wages per Wage Board employee	$\frac{\text{Item code 41, column G (Wages paid Wage Board employees)}}{\text{Item code 59, column B (Total estimated man-hours)}}$		\$
	(2) Man-days per year per Wage Board employee	$\frac{\text{Item code 59, column A (Wage Board man-days in thousands)} \times 1,000}{\text{Item code 41, column F (Average number of Wage Board employees)}}$		Man-days
	(3) Wages and salaries per dollar of earned revenue	$\frac{\text{Item code 72, (Wages and salaries of civilian employees)}}{\text{Item code 69 (Total earned revenue)}}$		\$
	(4) Is the total earned revenue (item code 69, total) greater than total costs incurred (item code 79, total)? <input type="checkbox"/> Yes <input type="checkbox"/> No (If "No," please explain in "Remarks" section.)			
ITEM 8 REMARKS PERTAIN- ING TO THIS REPORT				
PERIOD OF REPORT	This report covers the period from _____ to _____			
ITEM 9	Name of person to be contacted regarding this report	Address (Street and number, city, State, ZIP code)		Telephone (Area code, number, extension)
ITEM 10	CERTIFICATION — This report is substantially accurate and has been prepared in accordance with instructions.			
	Name of establishment		Address (Street and number, city, State, ZIP code)	
	Signature of authorized official		Title	Date

FORM MA-171 11-29-74

APPENDIX D—Continued

DUE DATE: 30 DAYS AFTER RECEIPT OF FORM		O.M.B. No. 41-S72061; Approval Expires December 31, 1974	
FORM MC-D4 <small>(7-31-72)</small> U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMINISTRATION BUREAU OF THE CENSUS 1972 CENSUS OF MANUFACTURES REPORT FROM PENAL INSTITUTIONS		<i>(Please correct any error in name or address including ZIP code)</i>	
Please complete this form and RETURN TO: BUREAU OF THE CENSUS Industry Division Washington, D.C. 20233		(PLEASE RETURN THIS COPY)	

PRODUCTS MADE IN THIS ESTABLISHMENT DURING 1972

INSTRUCTIONS FOR TOTAL PRODUCTION

Column (D) - Quantity - Report where appropriate the quantity of all products you made in this institution during 1972. Include products produced for use within the institution and products transferred to other branches of your government.

Column (E) - Value - Report at approximate market value all products, either used within the institution or transferred to other governmental units.

Line No.	Product (A)	Unit of measure (B)	Total production		Census product code (J)
			Quantity (D)	Value (Thousands of dollars) (E)	
1	Meat and meat products			\$	201
2	Canned foods				203
3	Coffee and tea				209
4	Tobacco, chewing and smoking				210
5	Blankets				221
6	Woven fabrics	Thousand pounds			223
7	Cordage and twine	Thousand linear yards			229
8	Apparel and clothing, including uniforms, coats, etc.				231
9	Sheets and pillowcases				232
10	Canvas specialties				239
11	Mattresses				251
12	Wooden furniture				253
13	Printing and binding				275
14	Soaps				284
15	Paints				285
16	Shoes	Pairs			314
17	Brick	Clay	Thousand brick		325
18		Concrete			326
19	Concrete blocks	Thousand block 8"x8"x16" equivalent			327
20	Motor vehicle license plates <i>(Count a set of front and rear plates as two plates)</i>	Number			346
21	Highway and road signs				348
22	Miscellaneous metal products				349
23	Brooms and brushes				398
24	Prepared animal feeds				204
25	All other products <i>(Specify kind and unit of measure)</i>				
26					
27					
28					
29					
30	TOTAL (Sum of lines 1-29) →			\$	

Name of person to contact regarding this report	Address (Number and street, city, State)	ZIP code	Telephone		
			Area code	Number	Extension

CERTIFICATION - This report is substantially accurate and covers the period from _____ to _____.

Signature of authorized person	Title	Date
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APPENDIX D-Continued

PENALTY FOR FAILURE TO REPORT DUE DATE: FEBRUARY 15, 1973 Form Approved: O.M.B. No. 41-571116	
Form CB-51J <small>(5110)</small> U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMINISTRATION BUREAU OF THE CENSUS 1972 CENSUS OF BUSINESS MANUFACTURERS' SALES BRANCHES AND SALES OFFICES ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	NOTICE - Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.
Please complete this form and RETURN TO: BUREAU OF THE CENSUS 1201 East Tenth Street Jeffersonville, Indiana 47130	In correspondence pertaining to this report, please refer to this Census File Number: CB-51J (5110) Employer Identification Number: _____
KEEP THIS COPY FOR YOUR FILES PLEASE COMPLETE AND RETURN THE FORM WHICH SHOWS YOUR NAME AND ADDRESS	
<small>(Please correct any error in name and address including ZIP code)</small> Census use only: 010 011 012 013	
Item 1 - PHYSICAL LOCATION OF BUSINESS ESTABLISHMENT a. The purpose of this inquiry is to determine the place (city, county, etc.) where your business is actually located (which may differ from the mailing address) so that data can be tabulated in the correct geographic area. a. Is this business establishment PHYSICALLY located at the address shown in the address box of this form? <input type="checkbox"/> YES - Answer b and c <input type="checkbox"/> NO - Enter PHYSICAL location Also answer b and c b. Is this business establishment located WITHIN the LEGAL boundaries of the city, village, etc., which you indicate is its PHYSICAL location? <input type="checkbox"/> YES <input type="checkbox"/> NO c. In what county is this business establishment PHYSICALLY located? County: _____ State: _____ ZIP code: _____	
Item 2 - EMPLOYER IDENTIFICATION NUMBER a. Is the Employer Identification (E.I.) Number printed in the upper right of the address box the SAME as that used for this establishment on your latest 1972 Employer's Quarterly Federal Tax Return, Treasury Form 941? <input type="checkbox"/> YES <input type="checkbox"/> NO → Enter current E.I. number (9 digits) _____ b. Did this establishment also use any other Employer Identification (E.I.) Number during 1972? <input type="checkbox"/> YES → Enter E.I. number or numbers (9 digits) _____ <input type="checkbox"/> NO	
Item 3 - PERIOD OPERATED IN 1972 a. Was this establishment in business at the end of 1972? <input type="checkbox"/> YES <input type="checkbox"/> NO b. How many months during 1972 did you own this establishment? 030 031 Number of months: _____	
Important - Please read Dollar figures should be reported as illustrated. Please be careful to enter your figures in the correct columns. See example below: EXAMPLE: If figure is \$1,125,628.28 PREFERRED method: Mil. Thou. Dol. 1 125 628 Acceptable method: Mil. Thou. Dol. 1 125 628	
Item 4 - DOLLAR VOLUME OF BUSINESS Line a - Total net sales after deducting returns, allowances, and discounts, but include excise taxes and sales taxes. Include all company sales credited to the sales branch or sales office even though billings may be made from a central or district office and shipments made from a plant or central warehouse. Also include, at wholesale prices, sales or transfers to any retail stores you may own. Include any receipts from services rendered customers but do not include any receipts derived from sources other than customers. Line b - Approximate percentage of sales (Item 4a), if any, accounted for by goods produced by your company, your parent company, or companies corporately affiliated with your company. Line c - Total receipts, if any, from work done by your employees at construction site including the value of any goods you put in place that became a permanent part of the structure or building. Amounts reported here should also be included in items 4a and 17.	
Item 5 - PAYROLL AND EMPLOYMENT Lines a and b - Report the gross earnings paid in calendar year to employees prior to such deductions as employee's Social Security contributions, withholding taxes, group insurance premiums, union dues, and savings bonds. Include in gross earnings all wages, salaries, commissions, dismissal pay, paid bonuses, vacation and sick leave pay, and the cash equivalent of compensation paid in kind. If a corporation, include salaries of officers; if an unincorporated concern, exclude payments to proprietors or partners. Line c - Be sure to include all persons on paid sick leave, paid holidays, and paid vacation during the pay period indicated, as well as those actually working. If a corporation, include officers; if an unincorporated concern, exclude proprietor or partners.	
Item 6 - Not applicable to this form	
Item 7 - OPERATING EXPENSES AND INVENTORIES Line a - Include in addition to other operating expenses, the payroll of this establishment and the pro rata share of any general office expense. Do not include the cost of merchandise. Do not include income taxes and excise taxes. Unincorporated businesses should not include withdrawals by owners or part owners. Line b - Report inventories of goods for sale at cost value rather than sale price. Include goods owned by you and consigned to others, but not goods of others in your possession. Report inventories as of the date specified, or nearest inventory date.	
Item 8 - SALES BY CUSTOMER CLASSES Report the approximate percentage of your 1972 sales to each of the classes of customers. If book figures are not available, entries for these lines should represent your best approximations. Percentages should add to 100. Line a - Sales to manufacturers, farm operators, and other business concerns or institutions that normally buy for business use rather than for resale of the goods in the form purchased. Line b - Sales to the Federal government (including the military, post exchanges, GSA, GPO, and similar Federal agencies) and to State and local governments. Include here only sales made by this establishment DIRECT to governmental agencies. Sales to companies which in turn sell to governmental agencies should be included under other parts of this inquiry according to the classification of the purchaser. Line c - Sales to construction contractors and builders of all types (general contractors, highway, street, and other heavy construction contractors, and special trade contractors). Line d - Sales to transportation companies, communications and other public utilities. Include sales to railroads, interurban systems, and street railway systems, highway, water, and air transportation companies, telephone and telegraph communications, radio and television broadcasting and other communication services, electric light and power - including combination electric and gas utilities. Line e - Sales to repair shops of all types. Line f - Sales to retailers of all types (retail chain organizations, independent stores, department stores, etc.). Entry should represent percentage of your sales to purchasers who normally buy for resale to home consumers or to individual users. Line g - Sales to organizations that normally purchase for resale at wholesale (including sales to purchasers who buy for resale to industrial, institutional, and similar users). Line h - Sales to household consumers and individual users (including sales to your own employees). Line i - Include sales made direct to buyers in foreign countries, or through their agents in this country. Include transfers, if any, to your own foreign branches. United States possessions should not be considered as foreign countries.	
a. TOTAL SALES and other operating receipts in 1972 040 Mil. Thou. Dol. b. What percent of sales represents products produced by your company? 046 % c. Did this establishment do any construction work for others in 1972? 049 <input type="checkbox"/> YES <input type="checkbox"/> NO If "YES," report the value of construction receipts during 1972 050 Mil. Thou. Dol. a. Total ANNUAL payroll in 1972 before deductions 060 Mil. Thou. Dol. b. Payroll for the FIRST QUARTER of 1972 061 Mil. Thou. Dol. c. Number of paid employees for the pay period including March 12, 1972 062 Number a. Total 1972 operating expenses, including payroll 080 Mil. Thou. Dol. b. Did you have merchandise inventories during 1972? 091 <input type="checkbox"/> YES <input type="checkbox"/> NO If "YES," what were these merchandise inventories, at cost? 092 Mil. Thou. Dol. (1) December 31, 1972 093 Mil. Thou. Dol. (2) December 31, 1971 094 Mil. Thou. Dol. a. To institutional, industrial, commercial, professional, and farm users 101 Approximate percent of total sales (Item 4a) (Report in whole percents) b. To governmental bodies (Federal, State, and local governments) 108 c. To contractors and builders 111 d. To public utilities 112 e. To repair shops 110 f. To retailers 113 g. To wholesale organizations 114 h. To household consumers and individual users 115 i. Export sales 116 j. TOTAL (Lines a through i should add to 100) 100 %	
Please continue on page 2 →	

APPENDIX D—Continued

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Item 9 — EMPLOYMENT BY PRINCIPAL ACTIVITY Distribute here the employees reported in item 5 according to their principal activity during the pay period including March 12, 1972. Each employee should be counted only once, according to his or her principal activity. Line a — Selling employees — All employees primarily engaged in selling merchandise or services (traveling salesmen, house or telephone salesmen, etc.) Line b — Office, clerical, warehouse employees — Employees primarily engaged in office, clerical, and warehouse work for this establishment (see instruction for central administration). Line c — Central administration — Employees primarily engaged in performing various management, accounting, clerical, warehousing, etc., services for other establishments of your company.				Approximate number of employees 121 122 123 124 125 126	
Item 10 — Not applicable to this form					
Item 11 — WAREHOUSE, STOCKROOM, AND OTHER INVENTORY STORAGE SPACE, DECEMBER 31, 1972 Line a — Please indicate if this item is applicable to this establishment by marking either "YES" or "NO." Line b — Exclude floor space occupied by interior walls, permanent aisles, elevator shafts, stairways, offices, receiving and shipping platforms, etc. Line c — Net piling space is space for storing commodities — inside space measured from wall to wall and from floor to ceiling, less space for ventilation (outside of the piling), coils, aisles, posts, sprinklers, etc.				140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000	

Please continue on page 3

APPENDIX D—Continued

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FORM CB-51J (5-110)	U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMINISTRATION BUREAU OF THE CENSUS 1972 CENSUS OF BUSINESS ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES — Continued	Please enter your Census File Number 2
Item 18 — Not applicable to this form		
Item 19 — TRUCKS, TRUCK TRACTORS, AND TRUCK TRAILERS OPERATED, MID-DECEMBER 1972		
Line a — Please indicate if this item is applicable to this establishment by marking either "YES" or "NO." Line b — Include all street and highway-type vehicles owned or leased (without drivers). Exclude vehicles held for sale and any vehicles leased by you to others.	209 <input type="checkbox"/> YES — Go to b <input type="checkbox"/> NO — SKIP to item 21 a. Did this establishment operate any trucks, truck tractors, or truck trailers mid-December 1972?	
	b. Number and type of vehicles operated mid-December 1972	
	Total	Owned (without drivers)
Trucks, by body type		
(1) Closed top vans	210	211
(2) Open top vans, platform, stake, or other open top trucks	213	214
(3) Pick-up, standard panel, or other light delivery trucks	216	217
(4) Dump truck	219	220
(5) Other over-the-road trucks	222	223
Truck tractors and trailers	225	226
(6) Truck tractors	228	229
(7) Semi-trailers and full trailers	230	231
Item 20 — Not applicable to this form		
Remarks (This space may be used for any explanations that may be helpful in understanding your report.)		
Item 21 CERTIFICATION		
Name of person to contact regarding this report	Address (Number, street, city, State, ZIP code)	Telephone
		Area code Number Ext.
This report is substantially accurate and covers the period from _____ to _____		
Signature of authorized person	Title	Date

APPENDIX E. Authority for Census: Title 13, United States Code

(Codification of August 1954 amended by Acts of August 1957, September 1960, and June and October 1962, and of August 1964)

Collection and publication: Five-year periods (131)

The Secretary shall take, compile, and publish censuses of manufactures, of mineral industries, and of other businesses... in the year 1964, then in the year 1968, and every fifth year thereafter, and each such census shall relate to the year immediately preceding the taking thereof.

Geographic scope of censuses (191a)

Each of the censuses authorized by this chapter (other than censuses of population) shall include each State, the District of Columbia, Alaska, Hawaii, the Virgin Islands, Guam, and the Commonwealth of Puerto Rico, and as may be determined by the Secretary, such other possessions and areas over which the United States exercises jurisdiction, control, or sovereignty. Censuses of population shall include all geographic areas referred to in the preceding sentence. Inclusion of other areas over which the United States exercises jurisdiction or control shall be subject to the concurrence of the Secretary of State.

Wrongful disclosure of information (214)

Whoever, being an employee referred to in subchapter II of chapter 1 of this title, having taken and subscribed the oath of

office, publishes or communicates, without the written authority of the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, any information coming into his possession by reason of his employment under the provisions of this title, shall be fined not more than \$1,000 or imprisoned not more than two years, or both.

Failure to answer questions affecting companies, businesses, religious bodies, and other organizations: False answers (224)

Whoever, being the owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, neglects or refuses, when requested by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, whether such request be made by registered mail, by certified mail, by telegraph, by visiting representative, or by one or more of these methods, to answer completely and correctly to the best of his knowledge all questions relating to his company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census or other schedule prepared and submitted to him under the authority of this title, shall be fined not more than \$500 or imprisoned not more than sixty days, or both; and if he willfully gives a false answer to any such questions, he shall be fined not more than \$10,000 or imprisoned not more than one year, or both.

APPENDIX F. Standard Metropolitan Statistical Areas

(Titles and definitions of the two standard consolidated areas and the 263 standard metropolitan statistical areas in the United States established by the Office of Management and Budget as of April 27, 1973)

SMSA name	SMSA definition	Changes for 1972
CHICAGO, IL-NORTHWESTERN INDIANA STANDARD CONSOLIDATED AREA	CHICAGO, IL GARY-HAMMOND-EAST CHICAGO, IN	
NEW YORK, NY-NORTHEASTERN NEW JERSEY STANDARD CONSOLIDATED AREA	NEW YORK, NY NASSAU-SUFFOLK, NY NEWARK, NJ JERSEY CITY, NJ PATERSON-CLIFTON-PASSAIC, NJ MIDDLESEX CO., NJ SOMERSET CO., NJ	
ABILENE, TX	CALLAHAN CO., TX JONES CO., TX TAYLOR CO., TX	ADDED CALLAHAN COUNTY
AKRON, OH	PORTAGE CO., OH SUMMIT CO., OH	
ALBANY, GA	DOUGHERTY CO., GA LEE CO., GA	ADDED LEE COUNTY
ALBANY-SCHENECTADY-TROY, NY	ALBANY CO., NY MONTGOMERY CO., NY RENSSELAER CO., NY SARATOGA CO., NY SCHENECTADY CO., NY	ADDED MONTGOMERY COUNTY
ALBUQUERQUE, NM	BERNALILLO CO., NM SANDOVAL CO., NM	ADDED SANDOVAL COUNTY
ALEXANDRIA, LA	GRANT PARISH, LA RAPIDES PARISH, LA	NEW SMSA
ALLENTOWN-BETHLEHEM-EASTON, PA-NJ	WARREN CO., NJ CARBON CO., PA LEHIGH CO., PA NORTHAMPTON CO., PA	ADDED CARBON COUNTY, PA
ALTOONA, PA	BLAIR CO., PA	
AMARILLO, TX	POTTER CO., TX RANDALL CO., TX	
ANAHEIM-SANTA ANA-GARDEN GROVE, CA	ORANGE CO., CA	
ANCHORAGE, AK	ANCHORAGE DIVISION, AK	NEW SMSA
ANDERSON, IN	MADISON CO., IN	
ANN ARBOR, MI	WASHTENAW CO., MI	
APPLETON-OSHKOSH, WI	CALUMET CO., WI OUTAGAMIE CO., WI WINNEBAGO CO., WI	NEW SMSA
ASHEVILLE, NC	BUNCOMBE CO., NC MADISON CO., NC	ADDED MADISON COUNTY
ATLANTA, GA	BUTTS CO., GA CHEROKEE CO., GA CLAYTON CO., GA COBB CO., GA DE KALB CO., GA DOUGLAS CO., GA FAYETTE CO., GA FORSYTH CO., GA FULTON CO., GA GWINNETT CO., GA HENRY CO., GA NEWTON CO., GA PAULDING CO., GA ROCKDALE CO., GA WALTON CO., GA	ADDED BUTTS, CHEROKEE, DOUGLAS, FAYETTE, FORSYTH, HENRY, NEWTON, PAULDING, ROCKDALE, AND WALTON COUNTIES
ATLANTIC CITY, NJ	ATLANTIC CO., NJ	
AUGUSTA, GA-SC	AIKEN CO., SC COLUMBIA CO., GA RICHMOND CO., GA	ADDED COLUMBIA COUNTY IN GA

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
AUSTIN, TX	HAYS CO.,TX TRAVIS CO.,TX	ADDED HAYS COUNTY
BAKERSFIELD, CA	KERN CO.,CA	
BALTIMORE, MD	ANNE ARUNDEL CO.,MD BALTIMORE CO.,MD CARROLL CO.,MD HARFORD CO.,MD HOWARD CO.,MD BALTIMORE CITY,MD	
BATON ROUGE, LA	ASCENSION PARISH,LA EAST BATON ROUGE PARISH,LA LIVINGSTON PARISH,LA WEST BATON ROUGE PARISH,LA	ADDED ASCENSION, LIVINGSTON, AND WEST BATON ROUGE PARISHES
BATTLE CREEK, MI	BARRY CO.,MI CALHOUN CO.,MI	NEW SMSA
BAY CITY, MI	BAY CO.,MI	
BEAUMONT-PORT ARTHUR-ORANGE, TX	HARDIN CO.,TX JEFFERSON CO.,TX ORANGE CO.,TX	ADDED HARDIN COUNTY
BILLINGS, MT	YELLOWSTONE CO.,MT	
BILOXI-GULFPORT, MS	HANCOCK CO.,MS HARRISON CO.,MS STONE CO.,MS	ADDED HANCOCK AND STONE COUNTIES
BINGHAMTON, NY-PA	BROOME CO.,NY TIOGA CO.,NY SUSQUEHANNA CO.,PA	
BIRMINGHAM, AL	JEFFERSON CO.,AL ST CLAIR CO.,AL SHELBY CO.,AL WALKER CO.,AL	ADDED ST. CLAIR COUNTY
BLOOMINGTON-NORMAL, IL	MC LEAN CO.,IL	
BOISE CITY, ID	ADA CO.,ID	
BOSTON, MA	ESSEX COUNTY,MA (PART) BEVERLY CITY,MA BOXFORD TOWN,MA DANVERS TOWN,MA HAMILTON TOWN,MA LYNN CITY,MA LYNNFIELD TOWN,MA MANCHESTER TOWN,MA MARBLEHEAD TOWN,MA MIDDLETON TOWN,MA NAHANT TOWN,MA PEABODY CITY,MA SALEM CITY,MA SAUGUS TOWN,MA SWAMPSCOTT TOWN,MA TOPSFIELD TOWN,MA WENHAM TOWN,MA MIDDLESEX COUNTY,MA (PART) ACTON TOWN,MA ARLINGTON TOWN,MA ASHLAND TOWN,MA BEDFORD TOWN,MA BELMONT TOWN,MA BOXBOROUGH TOWN,MA BURLINGTON TOWN,MA CAMBRIDGE CITY,MA CARLISLE TOWN,MA CONCORD TOWN,MA EVERETT CITY,MA FRAMINGHAM TOWN,MA HOLLISTON TOWN,MA LEXINGTON TOWN,MA LINCOLN TOWN,MA MALDEN CITY,MA MEDFORD CITY,MA MELROSE CITY,MA NATICK TOWN,MA NEWTON CITY,MA	ADDED BOXFORD TOWN IN ESSEX COUNTY, ACTON, BOXBOROUGH, CARLISLE, AND HOLLISTON TOWNS IN MIDDLESEX COUNTY, BELLINGHAM, FOXBOROUGH, FRANKLIN, MEDWAY, STOUGHTON, AND WRENTHAM TOWNS IN NORFOLK COUNTY, AND ABINGTON, HANSON, AND KINGSTON TOWNS IN PLYMOUTH COUNTY

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
BOSTON, MA--CONTINUED	<p>MIDDLESEX COUNTY, MA (PART)--CONTINUED</p> <p>NORTH READING TOWN, MA READING TOWN, MA SHERBORN TOWN, MA SOMERVILLE CITY, MA STONEHAM TOWN, MA SUDBURY TOWN, MA WAKEFIELD TOWN, MA WALTHAM CITY, MA WATERTOWN TOWN, MA WAYLAND TOWN, MA WESTON TOWN, MA WILMINGTON TOWN, MA WINCHESTER TOWN, MA WOBBURN CITY, MA</p> <p>NORFOLK COUNTY, MA (PART)</p> <p>BELLINGHAM TOWN, MA BRAintree TOWN, MA BROOKLINE TOWN, MA CANTON TOWN, MA COHASSET TOWN, MA DEDDHAM TOWN, MA DOVER TOWN, MA FOXBOROUGH TOWN, MA FRANKLIN TOWN, MA HOLBROOK TOWN, MA MEDFIELD TOWN, MA MEDWAY TOWN, MA MILLIS TOWN, MA MILTON TOWN, MA NEEDHAM TOWN, MA NORFOLK TOWN, MA NORWOOD TOWN, MA QUINCY CITY, MA RANDOLPH TOWN, MA SHARON TOWN, MA STOUGHTON TOWN, MA WALPOLE TOWN, MA WELLESLEY TOWN, MA WESTWOOD TOWN, MA WEYMOUTH TOWN, MA WRENTHAM TOWN, MA</p> <p>PLYMOUTH COUNTY, MA (PART)</p> <p>ABINGTON TOWN, MA DUXBURY TOWN, MA HANOVER TOWN, MA HANSON TOWN, MA HINGHAM TOWN, MA HULL TOWN, MA KINGSTON TOWN, MA MARSHFIELD TOWN, MA NORWELL TOWN, MA PEMBROKE TOWN, MA ROCKLAND TOWN, MA SCITUATE TOWN, MA</p> <p>SUFFOLK COUNTY, MA</p> <p>BOSTON CITY, MA CHELSEA CITY, MA REVERE CITY, MA WINTHROP TOWN, MA</p>	
BRIDGEPORT, CT	<p>FAIRFIELD COUNTY, CT (PART)</p> <p>BRIDGEPORT CITY, CT EASTON TOWN, CT FAIRFIELD TOWN, CT MONROE TOWN, CT SHELTON CITY, CT STRATFORD TOWN, CT TRUMBULL TOWN, CT</p> <p>NEW HAVEN COUNTY, CT (PART)</p> <p>DERBY CITY, CT MILFORD CITY, CT</p>	ADDED DERBY CITY IN NEW HAVEN COUNTY
BRISTOL, CT	<p>HARTFORD COUNTY, CT (PART)</p> <p>BRISTOL CITY, CT BURLINGTON TOWN, CT</p> <p>LITCHFIELD COUNTY, CT (PART)</p> <p>PLYMOUTH TOWN, CT</p>	NEW SMSA

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
BROCKTON, MA	BRISTOL COUNTY, MA (PART) EASTON TOWN, MA NORFOLK COUNTY, MA (PART) AVON TOWN, MA PLYMOUTH COUNTY, MA (PART) BRIDGEWATER TOWN, MA BROCKTON CITY, MA EAST BRIDGEWATER TOWN, MA HALIFAX TOWN, MA WEST BRIDGEWATER TOWN, MA WHITMAN TOWN, MA	ADDED HALIFAX TOWN IN PLYMOUTH COUNTY, DROPPED STOUGHTON TOWN IN NORFOLK COUNTY, AND ABINGTON AND HANSON TOWNS IN PLYMOUTH COUNTY
BROWNSVILLE-HARLINGEN-SAN BENITO, TX	CAMERON CO., TX	
BRYAN-COLLEGE STATION, TX	BRAZOS CO., TX	NEW SMSA
BUFFALO, NY	ERIE CO., NY NIAGARA CO., NY	
BURLINGTON, NC	ALAMANCE CO., NC	NEW SMSA
CANTON, OH	CARROLL CO., OH STARK CO., OH	ADDED CARROLL COUNTY
CEDAR RAPIDS, IA	LINN CO., IA	
CHAMPAIGN-URBANA-RANTOUL, IL	CHAMPAIGN CO., IL	CHAMPAIGN-URBANA SMSA RETITLED AS CHAMPAIGN-URBANA-RANTOUL SMSA
CHARLESTON, SC	BERKELEY CO., SC CHARLESTON CO., SC DORCHESTER CO., SC	ADDED DORCHESTER COUNTY
CHARLESTON, WV	KANAWHA CO., WV PUTNAM CO., WV	ADDED PUTNAM COUNTY
CHARLOTTE-GASTONIA, NC	GASTON CO., NC MECKLENBURG CO., NC UNION CO., NC	COMBINED CHARLOTTE SMSA WITH GASTONIA SMSA
CHATTANOOGA, TN-GA	CATOOSA CO., GA DADE CO., GA WALKER CO., GA HAMILTON CO., TN MARION CO., TN SEQUATCHIE CO., TN	ADDED MARION, SEQUATCHIE, CATOOSA, AND DADE COUNTIES
CHICAGO, IL	COOK CO., IL DU PAGE CO., IL KANE CO., IL LAKE CO., IL MC HENRY CO., IL WILL CO., IL	
CINCINNATI, OH-KY-IN	CLERMONT CO., OH HAMILTON CO., OH WARREN CO., OH DEARBORN CO., IN BOONE CO., KY CAMPBELL CO., KY KENTON CO., KY	
CLEVELAND, OH	CUYAHOGA CO., OH GEAUGA CO., OH LAKE CO., OH MEDINA CO., OH	
COLORADO SPRINGS, CO	EL PASO CO., CO TELLER CO., CO	ADDED TELLER COUNTY
COLUMBIA, MO	BOONE CO., MO	NEW SMSA
COLUMBIA, SC	LEXINGTON CO., SC RICHLAND CO., SC	
COLUMBUS, GA-AL	CHATTAHOOCHEE CO., GA COLUMBUS CITY, GA RUSSELL CO., AL	CONSOLIDATED COLUMBUS CITY AND MUSCOGEE COUNTY INTO COLUMBUS CITY

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
COLUMBUS, OH	DELAWARE CO.,OH FAIRFIELD CO.,OH FRANKLIN CO.,OH MADISON CO.,OH PICKAWAY CO.,OH	ADDED FAIRFIELD AND MADISON COUNTIES
CORPUS CHRISTI, TX	NUECES CO.,TX SAN PATRICIO CO.,TX	
DALLAS-FORT WORTH, TX	COLLIN CO.,TX DALLAS CO.,TX DENTON CO.,TX ELLIS CO.,TX HOOD CO.,TX JOHNSON CO.,TX KAUFMAN CO.,TX PARKER CO.,TX ROCKWALL CO.,TX TARRANT CO.,TX WISE CO.,TX	COMBINED DALLAS SMSA WITH FORT WORTH SMSA AND ADDED HOOD, PARKER, AND WISE COUNTIES
DANBURY, CT	FAIRFIELD COUNTY,CT (PART) BETHEL TOWN,CT BROOKFIELD TOWN,CT DANBURY CITY,CT NEW FAIRFIELD TOWN,CT NEWTOWN TOWN,CT REDDING TOWN,CT LITCHFIELD COUNTY,CT (PART) NEW MILFORD TOWN,CT	NEW SMSA
DAVENPORT-ROCK ISLAND-MOLINE, IA-IL	HENRY CO.,IL ROCK ISLAND CO.,IL SCOTT CO.,IA	
DAYTON, OH	GREENE CO.,OH MIAMI CO.,OH MONTGOMERY CO.,OH PREBLE CO.,OH	
DAYTONA BEACH, FL	VOLUSIA CO.,FL	NEW SMSA
DECATUR, IL	MACON CO.,IL	
DENVER-Boulder, CO	ADAMS CO.,CO ARAPAHOE CO.,CO BOULDER CO.,CO DENVER CO.,CO DOUGLAS CO.,CO GILPIN CO.,CO JEFFERSON CO.,CO	ADDED DOUGLAS AND GILPIN COUNTIES
DES MOINES, IA	POLK CO.,IA WARREN CO.,IA	ADDED WARREN COUNTY
DETROIT, MI	LAPEER CO.,MI LIVINGSTON CO.,MI MACOMB CO.,MI OAKLAND CO.,MI ST CLAIR CO.,MI WAYNE CO.,MI	ADDED LAPEER, LIVINGSTON, AND ST. CLAIR COUNTIES
DUBUQUE, IA	DUBUQUE CO.,IA	
DULUTH-SUPERIOR, MN-WI	DOUGLAS CO.,WI ST LOUIS CO.,MN	
EL PASO, TX	EL PASO CO.,TX	
ELMIRA, NY	CHEMUNG CO.,NY	NEW SMSA
ERIE, PA	ERIE CO.,PA	
EUGENE-SPRINGFIELD, OR	LANE CO.,OR	
EVANSVILLE, IN-KY	GIBSON CO.,IN POSEY CO.,IN VANDERBURGH CO.,IN WARRICK CO.,IN HENDERSON CO.,KY	ADDED GIBSON AND POSEY COUNTIES

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
FALL RIVER, MA-RI	BRISTOL COUNTY, MA (PART) DIGHTON TOWN, MA FALL RIVER CITY, MA SOMERSET TOWN, MA SWANSEA TOWN, MA WESTPORT TOWN, MA NEWPORT COUNTY, RI (PART) LITTLE COMPTON TOWN, RI PORTSMOUTH TOWN, RI TIVERTON TOWN, RI	ADDED DIGHTON TOWN IN BRISTOL COUNTY, MA. AND LITTLE COMPTON AND PORTSMOUTH TOWNS IN NEWPORT COUNTY, RI
FARGO-MOORHEAD, ND-MN	CLAY CO., MN CASS CO., ND	
FAYETTEVILLE, NC	CUMBERLAND CO., NC	
FAYETTEVILLE-SPRINGDALE, AR	BENTON CO., AR WASHINGTON CO., AR	NEW SMSA
FITCHBURG-LEOMINSTER, MA	MIDDLESEX COUNTY, MA (PART) SHIRLEY TOWN, MA TOWNSEND TOWN, MA WORCESTER COUNTY, MA (PART) FITCHBURG CITY, MA LEOMINSTER CITY, MA LUNENBURG TOWN, MA WESTMINSTER TOWN, MA	
FLINT, MI	GENESEE CO., MI SHIAWASSEE CO., MI	ADDED SHIAWASSEE COUNTY, DROPPED LAPEER COUNTY
FLORENCE, AL	COLBERT CO., AL LAUDERDALE CO., AL	NEW SMSA
FORT LAUDERDALE-HOLLYWOOD, FL	BROWARD CO., FL	
FORT MYERS, FL	LEE CO., FL	NEW SMSA
FORT SMITH, AR-OK	CRAWFORD CO., AR SEBASTIAN CO., AR LE FLORE CO., OK SEQUOYAH CO., OK	
FORT WAYNE, IN	ADAMS CO., IN ALLEN CO., IN DE KALB CO., IN WELLS CO., IN	ADDED ADAMS, DE KALB, AND WELLS COUNTIES
FRESNO, CA	FRESNO CO., CA	
GADSDEN, AL	ETOWAH CO., AL	
GAINESVILLE, FL	ALACHUA CO., FL	NEW SMSA
GALVESTON-TEXAS CITY, TX	GALVESTON CO., TX	
GARY-HAMMOND-EAST CHICAGO, IN	LAKE CO., IN PORTER CO., IN	
GRAND RAPIDS, MI	KENT CO., MI OTTAWA CO., MI	
GREAT FALLS, MT	CASCADE CO., MT	
GREEN BAY, WI	BROWN CO., WI	
GREENSBORO--WINSTON-SALEM--HIGH POINT, NC	DAVIDSON CO., NC FORSYTH CO., NC GUILFORD CO., NC RANDOLPH CO., NC STOKES CO., NC YADKIN CO., NC	ADDED DAVIDSON AND STOKES COUNTIES
GREENVILLE-SPARTANBURG, SC	GREENVILLE CO., SC PICKENS CO., SC SPARTANBURG CO., SC	GREENVILLE SMSA RETITLED AS GREENVILLE- SPARTANBURG SMSA, ADDED SPARTANBURG COUNTY
HAMILTON-MIDDLETOWN, OH	BUTLER CO., OH	
HARRISBURG, PA	CUMBERLAND CO., PA DAUPHIN CO., PA PERRY CO., PA	

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
HARTFORD, CT	<p>HARTFORD COUNTY, CT (PART)</p> <p>AVON TOWN, CT</p> <p>BLOOMFIELD TOWN, CT</p> <p>CANTON TOWN, CT</p> <p>EAST GRANBY TOWN, CT</p> <p>EAST HARTFORD TOWN, CT</p> <p>EAST WINDSOR TOWN, CT</p> <p>ENFIELD TOWN, CT</p> <p>FARMINGTON TOWN, CT</p> <p>GLASTONBURY TOWN, CT</p> <p>GRANBY TOWN, CT</p> <p>HARTFORD CITY, CT</p> <p>MANCHESTER TOWN, CT</p> <p>MARLBOROUGH TOWN, CT</p> <p>NEWINGTON TOWN, CT</p> <p>ROCKY HILL TOWN, CT</p> <p>SIMSBURY TOWN, CT</p> <p>SOUTH WINDSOR TOWN, CT</p> <p>SUFFIELD TOWN, CT</p> <p>WEST HARTFORD TOWN, CT</p> <p>WETHERSFIELD TOWN, CT</p> <p>WINDSOR LOCKS TOWN, CT</p> <p>WINDSOR TOWN, CT</p> <p>LITCHFIELD COUNTY, CT (PART)</p> <p>NEW HARTFORD TOWN, CT</p> <p>MIDDLESEX COUNTY, CT (PART)</p> <p>CROMWELL TOWN, CT</p> <p>EAST HAMPTON TOWN, CT</p> <p>PORTLAND TOWN, CT</p> <p>NEW LONDON COUNTY, CT (PART)</p> <p>COLCHESTER TOWN, CT</p> <p>TOLLAND COUNTY, CT (PART)</p> <p>ANDOVER TOWN, CT</p> <p>BOLTON TOWN, CT</p> <p>COLUMBIA TOWN, CT</p> <p>COVENTRY TOWN, CT</p> <p>ELLINGTON TOWN, CT</p> <p>HEBRON TOWN, CT</p> <p>STAFFORD TOWN, CT</p> <p>TOLLAND TOWN, CT</p> <p>VERNON TOWN, CT</p> <p>WILLINGTON TOWN, CT</p>	<p>ADDED MARLBOROUGH TOWN IN HARTFORD COUNTY, NEW HARTFORD TOWN IN LITCHFIELD COUNTY, EAST HAMPTON AND PORTLAND TOWNS IN MIDDLESEX COUNTY, COLCHESTER TOWN IN NEW LONDON COUNTY, AND COLUMBIA, HEBRON, STAFFORD, TOLLAND, AND WILLINGTON TOWNS IN TOLLAND COUNTY</p>
HONOLULU, HI	HONOLULU CO., HI	
HOUSTON, TX	<p>BRAZORIA CO., TX</p> <p>FORT BEND CO., TX</p> <p>HARRIS CO., TX</p> <p>LIBERTY CO., TX</p> <p>MONTGOMERY CO., TX</p> <p>WALLER CO., TX</p>	ADDED WALLER COUNTY
HUNTINGTON-ASHLAND, WV-KY-OH	<p>LAWRENCE CO., OH</p> <p>CABELL CO., WV</p> <p>WAYNE CO., WV</p> <p>BOYD CO., KY</p> <p>GREENUP CO., KY</p>	ADDED GREENUP COUNTY
HUNTSVILLE, AL	<p>LIMESTONE CO., AL</p> <p>MADISON CO., AL</p> <p>MARSHALL CO., AL</p>	ADDED MARSHALL COUNTY
INDIANAPOLIS, IN	<p>BOONE CO., IN</p> <p>HAMILTON CO., IN</p> <p>HANCOCK CO., IN</p> <p>HENDRICKS CO., IN</p> <p>JOHNSON CO., IN</p> <p>MARION CO., IN</p> <p>MORGAN CO., IN</p> <p>SHELBY CO., IN</p>	
JACKSON, MI	JACKSON CO., MI	
JACKSON, MS	<p>HINDS CO., MS</p> <p>RANKIN CO., MS</p>	
JACKSONVILLE, FL	<p>BAKER CO., FL</p> <p>CLAY CO., FL</p> <p>DUVAL CO., FL</p> <p>NASSAU CO., FL</p> <p>ST JOHNS CO., FL</p>	ADDED BAKER, CLAY, NASSAU, AND ST. JOHNS COUNTIES

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
JERSEY CITY, NJ	HUDSON CO., NJ	
JOHNSTOWN, PA	CAMBRIA CO., PA SOMERSET CO., PA	
KALAMAZOO-PORTAGE, MI	KALAMAZOO CO., MI VAN BUREN CO., MI	KALAMAZOO SMSA RETITLED AS KALAMAZOO-PORTAGE SMSA AND ADDED VAN BUREN COUNTY
KANSAS CITY, MO-KS	CASS CO., MO CLAY CO., MO JACKSON CO., MO PLATTE CO., MO RAY CO., MO JOHNSON CO., KS WYANDOTTE CO., KS	ADDED RAY COUNTY
KENOSHA, WI	KENOSHA CO., WI	
KILLEEN-TEMPLE, TX	BELL CO., TX CORYELL CO., TX	NEW SMSA
KINGSPORT-BRISTOL, TN-VA	SCOTT CO., VA WASHINGTON CO., VA BRISTOL CITY, VA HAWKINS CO., TN SULLIVAN CO., TN	NEW SMSA
KNOXVILLE, TN	ANDERSON CO., TN BLOUNT CO., TN KNOX CO., TN UNION CO., TN	
LA CROSSE, WI	LA CROSSE CO., WI	NEW SMSA
LAFAYETTE, LA	LAFAYETTE PARISH, LA	
LAFAYETTE-WEST LAFAYETTE, IN	TIPPECANOE CO., IN	
LAKE CHARLES, LA	CALCASIEU PARISH, LA	
LAKELAND-WINTER HAVEN, FL	POLK CO., FL	NEW SMSA
LANCASTER, PA	LANCASTER CO., PA	
LANSING-EAST LANSING, MI	CLINTON CO., MI EATON CO., MI INGHAM CO., MI IONIA CO., MI	ADDED IONIA COUNTY
LAREDO, TX	WEBB CO., TX	
LAS VEGAS, NV	CLARK CO., NV	
LAWRENCE-HAVERHILL, MA-NH	ROCKINGHAM COUNTY, NH (PART) ATKINSON TOWN, NH HAMPSTEAD TOWN, NH KINGSTON TOWN, NH NEWTON TOWN, NH PLAISTOW TOWN, NH SALEM TOWN, NH WINDHAM TOWN, NH ESSEX COUNTY, MA (PART) AMESBURY TOWN, MA ANDOVER TOWN, MA GEORGETOWN TOWN, MA GROVELAND TOWN, MA HAVERHILL CITY, MA LAWRENCE CITY, MA MERRIMAC TOWN, MA METHUEN TOWN, MA NORTH ANDOVER TOWN, MA SALISBURY TOWN, MA WEST NEWBURY TOWN, MA	ADDED ATKINSON, HAMPSTEAD, KINGSTON, AND WINDHAM TOWNS IN ROCKINGHAM COUNTY AND AMESBURY AND SALISBURY TOWNS IN ESSEX COUNTY
LAWTON, OK	COMANCHE CO., OK	
LEWISTON-AUBURN, ME	ANDROSCOGGIN COUNTY, ME (PART) AUBURN CITY, ME LEWISTON CITY, ME LISBON TOWN, ME	

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
LEXINGTON, KY	BOURBON CO., KY CLARK CO., KY FAYETTE CO., KY JESSAMINE CO., KY SCOTT CO., KY WOODFORD CO., KY	ADDED BOURBON, CLARK, JESSAMINE, SCOTT, AND WOODFORD COUNTIES
LIMA, OH	ALLEN CO., OH AUGLAIZE CO., OH PUTNAM CO., OH VAN WERT CO., OH	ADDED AUGLAIZE COUNTY
LINCOLN, NE	LANCASTER CO., NE	
LITTLE ROCK-NORTH LITTLE ROCK, AR	PULASKI CO., AR SALINE CO., AR	
LONG BRANCH-ASBURY PARK, NJ	MONMOUTH CO., NJ	NEW SMSA
LORAIN-ELYRIA, OH	LORAIN CO., OH	
LOS ANGELES-LONG BEACH, CA	LOS ANGELES CO., CA	
LOUISVILLE, KY-IN	CLARK CO., IN FLOYD CO., IN BULLITT CO., KY JEFFERSON CO., KY OLDHAM CO., KY	ADDED BULLITT AND OLDHAM
LOWELL, MA-NH	HILLSBOROUGH COUNTY, NH (PART) PELHAM TOWN, NH MIDDLESEX COUNTY, MA (PART) BILLERICA TOWN, MA CHELMSFORD TOWN, MA DRACUT TOWN, MA LOWELL CITY, MA TEWKSBURY TOWN, MA TYNGSBOROUGH TOWN, MA WESTFORD TOWN, MA	ADDED PELHAM TOWN IN HILLSBOROUGH COUNTY
LUBBOCK, TX	LUBBOCK CO., TX	
LYNCHBURG, VA	AMHERST CO., VA APPOMATTOX CO., VA CAMPBELL CO., VA LYNCHBURG CITY, VA	ADDED APPOMATTOX COUNTY
MACON, GA	BIBB CO., GA HOUSTON CO., GA JONES CO., GA TWIGGS CO., GA	ADDED JONES AND TWIGGS COUNTIES
MADISON, WI	DANE CO., WI	
MANCHESTER, NH	HILLSBOROUGH COUNTY, NH (PART) BEDFORD TOWN, NH GOFFSTOWN TOWN, NH MANCHESTER CITY, NH MERRIMACK COUNTY, NH (PART) ALLENSTOWN TOWN, NH HOOKSETT TOWN, NH PEMBROKE TOWN, NH ROCKINGHAM COUNTY, NH (PART) DERRY TOWN, NH LONDONDERRY TOWN, NH	ADDED ALLENSTOWN AND PEMBROKE TOWNS IN MERRIMACK COUNTY AND DERRY AND LONDON- DERRY TOWN IN ROCKINGHAM COUNTY
MANSFIELD, OH	RICHLAND CO., OH	
MCALLEN-PHARR-EDINBURG, TX	HIDALGO CO., TX	
MELBOURNE-TITUSVILLE-COCOA, FL	BREVARD CO., FL	NEW SMSA
MEMPHIS, TN-AR-MS	SHELBY CO., TN TIPTON CO., TN DE SOTO CO., MS CRITTENDEN CO., AR	TIPTON COUNTY AND DE SOTO COUNTY
MERIDEN, CT	NEW HAVEN COUNTY, CT (PART) MERIDEN CITY, CT	
MIAMI, FL	DADE CO., FL	

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
MIDLAND, TX	MIDLAND CO.,TX	
MILWAUKEE, WI	MILWAUKEE CO.,WI OZAUKEE CO.,WI WASHINGTON CO.,WI WAUKESHA CO.,WI	
MINNEAPOLIS-ST PAUL, MN-WI	ST CROIX CO.,WI ANOKA CO.,MN CARVER CO.,MN CHISAGO CO.,MN DAKOTA CO.,MN HENNEPIN CO.,MN RAMSEY CO.,MN SCOTT CO.,MN WASHINGTON CO.,MN WRIGHT CO.,MN	ADDED CARVER, CHISAGO, SCOTT, AND WRIGHT COUNTIES IN MN., AND ST. CROIX COUNTY IN WI
MOBILE, AL	BALDWIN CO.,AL MOBILE CO.,AL	
MODESTO, CA	STANISLAUS CO.,CA	NEW SMSA
MONROE, LA	OUACHITA PARISH,LA	
MONTGOMERY, AL	AUTAUGA CO.,AL ELMORE CO.,AL MONTGOMERY CO.,AL	ADDED AUTAUGA COUNTY
MUNCIE, IN	DELAWARE CO.,IN	
MUSKEGON-MUSKEGON HEIGHTS, MI	MUSKEGON CO.,MI OCEANA CO.,MI	ADDED OCEANA COUNTY
NASHUA, NH	HILLSBOROUGH COUNTY,NH (PART) AMHERST TOWN,NH HUDSON TOWN,NH MERRIMACK TOWN,NH MILFORD TOWN,NH NASHUA CITY,NH	NEW SMSA
NASHVILLE-DAVIDSON, TN	CHEATHAM CO.,TN DAVIDSON CO.,TN DICKSON CO.,TN ROBERTSON CO.,TN RUTHERFORD CO.,TN SUMNER CO.,TN WILLIAMSON CO.,TN WILSON CO.,TN	NASHVILLE SMSA RETITLED AS NASHVILLE-DAVIDSON SMSA, ADDED CHEATHAM, DICKSON, ROBERTSON, RUTHERFORD, AND WILLIAMSON COUNTIES
NASSAU-SUFFOLK, NY	NASSAU CO.,NY SUFFOLK CO.,NY	NEW SMSA
NEW BEDFORD, MA	BRISTOL COUNTY,MA (PART) ACUSHNET TOWN,MA DARTMOUTH TOWN,MA FAIRHAVEN TOWN,MA FREETOWN TOWN,MA NEW BEDFORD CITY,MA PLYMOUTH COUNTY,MA (PART) LAKEVILLE TOWN,MA MARION TOWN,MA MATTAPOISETT TOWN,MA	ADDED FREETOWN TOWN IN BRISTOL COUNTY AND LAKEVILLE TOWN IN PLYMOUTH COUNTY
NEW BRITAIN, CT	HARTFORD COUNTY,CT (PART) BERLIN TOWN,CT NEW BRITAIN CITY,CT PLAINVILLE TOWN,CT SOUTHINGTON TOWN,CT	
NEW BRUNSWICK-PERTH AMBOY-SAYREVILLE, N.J.	MIDDLESEX CO.,NJ	NEW SMSA
NEW HAVEN-WEST HAVEN, CT	MIDDLESEX COUNTY,CT (PART) CLINTON TOWN,CT KILLINGWORTH TOWN,CT	NEW HAVEN SMSA WAS RETITLED AS NEW HAVEN-WEST HAVEN SMSA ADDED CLINTON AND KILLINGWORTH TOWNS IN MIDDLESEX COUNTY AND MADISON AND WALLINGFORD TOWNS IN NEW HAVEN COUNTY

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
NEW HAVEN—WEST HAVEN, CT--CON.	NEW HAVEN COUNTY, CT (PART) BETHANY TOWN, CT BRANFORD TOWN, CT EAST HAVEN TOWN, CT GUILFORD TOWN, CT HAMDEN TOWN, CT MADISON TOWN, CT NEW HAVEN CITY, CT NORTH BRANFORD TOWN, CT NORTH HAVEN TOWN, CT ORANGE TOWN, CT WALLINGFORD TOWN, CT WEST HAVEN CITY, CT WOODBIDGE TOWN, CT	
NEW LONDON—NORWICH, CT-RI	WASHINGTON COUNTY, RI (PART) HOPKINTON TOWN, RI WESTERLY TOWN, RI MIDDLESEX COUNTY, CT (PART) OLD SAYBROOK TOWN, CT NEW LONDON COUNTY, CT (PART) BOZRAH TOWN, CT EAST LYME TOWN, CT GRISWOLD TOWN, CT GROTON TOWN, CT LEDYARD TOWN, CT LISBON TOWN, CT MONTVILLE TOWN, CT NEW LONDON CITY, CT NORWICH CITY, CT OLD LYME TOWN, CT PRESTON TOWN, CT SPRAGUE TOWN, CT STONINGTON TOWN, CT WATERFORD TOWN, CT	NEW LONDON—GROTON—NORWICH SMSA RETITLED AS NEW LONDON—NORWICH SMSA, ADDED HOPKINTON AND WESTERLY TOWNS IN WASHINGTON COUNTY, OLD SAYBROOK TOWN IN MIDDLESEX COUNTY AND BOZRAH TOWN IN NEW LONDON COUNTY
NEW ORLEANS, LA	JEFFERSON PARISH, LA ORLEANS PARISH, LA ST BERNARD PARISH, LA ST TAMMANY PARISH, LA	
NEW YORK, NY-NJ	BRONX CO., NY KINGS CO., NY NEW YORK CO., NY PUTNAM CO., NY QUEENS CO., NY RICHMOND CO., NY ROCKLAND CO., NY WESTCHESTER CO., NY BERGEN CO., NJ	ADDED BERGEN COUNTY, NJ. AND PUTNAM COUNTY, NY., NASSAU AND SUFFOLK COUNTIES WERE DROPPED
NEWARK, NJ	ESSEX CO., NJ MORRIS CO., NJ SOMERSET CO., NJ UNION CO., NJ	ADDED SOMERSET COUNTY
NEWPORT NEWS—HAMPTON, VA	GLOUCESTER CO., VA JAMES CITY CO., VA YORK CO., VA HAMPTON CITY, VA NEWPORT NEWS CITY, VA WILLIAMSBURG CITY, VA	ADDED WILLIAMSBURG CITY AND GLOUCESTER AND JAMES CITY COUNTIES
NORFOLK—VIRGINIA BEACH—PORTSMOUTH, VA-NC	CHESAPEAKE CITY, VA NANSEMOND CITY, VA NORFOLK CITY, VA PORTSMOUTH CITY, VA SUFFOLK CITY, VA VIRGINIA BEACH CITY, VA CURRITUCK CO., NC	ADDED NANSEMOND AND SUFFOLK CITIES IN VA. AND CURRITUCK COUNTY IN NC
NORTHEAST PENNSYLVANIA, PA	LACKAWANNA CO., PA LUZERNE CO., PA MONROE CO., PA	COMBINED SCRANTON SMSA WITH WILKES-BARRE—HAZLETON SMSA
NORWALK, CT	FAIRFIELD COUNTY, CT (PART) NORWALK CITY, CT WESTON TOWN, CT WESTPORT TOWN, CT WILTON TOWN, CT	ADDED WESTON TOWN IN FAIRFIELD COUNTY
ODESSA, TX	ECTOR CO., TX	

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
OKLAHOMA CITY, OK	CANADIAN CO.,OK CLEVELAND CO.,OK MC CLAIN CO.,OK OKLAHOMA CO.,OK POTTAWATOMIE CO.,OK	ADDED MC CLAIN AND POTTAWATOMIE COUNTIES
OMAHA, NE-IA	POTTAWATTAMIE CO.,IA DOUGLAS CO.,NE SARPY CO.,NE	
ORLANDO, FL	ORANGE CO.,FL OSCEOLA CO.,FL SEMINOLE CO.,FL	ADDED OSCEOLA COUNTY
OWENSBORO, KY	DAVIESS CO.,KY	NEW SMSA
OXNARD-SIMI VALLEY-VENTURA, CA	VENTURA CO.,CA	OXNARD-VENTURA SMSA RETITLED AS OXNARD-SIMI VALLEY-VENTURA
PARKERSBURG-MARIETTA, WV-OH	WASHINGTON CO.,OH WIRT CO.,WV WOOD CO.,WV	NEW SMSA
PATERSON-CLIFTON-PASSAIC, NJ	PASSAIC CO.,NJ	DROPPED BERGEN COUNTY
PENSACOLA, FL	ESCAMBIA CO.,FL SANTA ROSA CO.,FL	
PEORIA, IL	PEORIA CO.,IL TAZEWELL CO.,IL WOODFORD CO.,IL	
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL, VA	DINWIDDIE CO.,VA PRINCE GEORGE CO.,VA COLONIAL HEIGHTS CITY,VA HOPEWELL CITY,VA PETERSBURG CITY,VA	NEW SMSA
PHILADELPHIA, PA-NJ	BURLINGTON CO.,NJ CAMDEN CO.,NJ GLOUCESTER CO.,NJ BUCKS CO.,PA CHESTER CO.,PA DELAWARE CO.,PA MONTGOMERY CO.,PA PHILADELPHIA CO.,PA	
PHOENIX, AZ	MARICOPA CO.,AZ	
PINE BLUFF, AR	JEFFERSON CO.,AR	
PITTSBURGH, PA	ALLEGHENY CO.,PA BEAVER CO.,PA WASHINGTON CO.,PA WESTMORELAND CO.,PA	
PITTSFIELD, MA	BERKSHIRE COUNTY,MA (PART) ADAMS TOWN,MA CHESHIRE TOWN,MA DALTON TOWN,MA LANESBOROUGH TOWN,MA LEE TOWN,MA LENOX TOWN,MA PITTSFIELD CITY,MA STOCKBRIDGE TOWN,MA	ADDED ADAMS, CHESHIRE, AND STOCKBRIDGE TOWNS IN BERKSHIRE COUNTY
PORTLAND, ME	CUMBERLAND COUNTY,ME (PART) CAPE ELIZABETH TOWN,ME CUMBERLAND TOWN,ME FALMOUTH TOWN,ME FREEPORT TOWN,ME GORHAM TOWN,ME PORTLAND CITY,ME SCARBOROUGH TOWN,ME SOUTH PORTLAND CITY,ME WESTBROOK CITY,ME WINDHAM TOWN,ME YARMOUTH TOWN,ME YORK COUNTY,ME (PART) OLD ORCHARD BEACH TOWN,ME SACO CITY,ME	ADDED FREEPORT AND WINDHAM TOWNS IN CUMBERLAND COUNTY AND SACO CITY AND OLD ORCHARD BEACH TOWN IN YORK COUNTY

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
PORTLAND, OR-#A	CLARK CO.,WA CLACKAMAS CO.,OR MULTNOMAH CO.,OR WASHINGTON CO.,OR	
POUGHKEEPSIE, NY	DUTCHESS CO.,NY	NEW SMSA
PROVIDENCE-WARWICK-PAWTUCKET, RI-MA	BRISTOL COUNTY,MA (PART) ATTLEBORO CITY,MA NORTH ATTLEBOROUGH TOWN,MA NORTON TOWN,MA REHOBOTH TOWN,MA SEEKONK TOWN,MA NORFOLK COUNTY,MA (PART) PLAINVILLE TOWN,MA WORCESTER COUNTY,MA (PART) BLACKSTONE TOWN,MA MILLVILLE TOWN,MA BRISTOL COUNTY,RI (PART) BARRINGTON TOWN,RI BRISTOL TOWN,RI WARREN TOWN,RI KENT COUNTY,RI (PART) COVENTRY TOWN,RI EAST GREENWICH TOWN,RI WARWICK CITY,RI WEST WARWICK TOWN,RI NEWPORT COUNTY,RI (PART) JAMESTOWN TOWN,RI PROVIDENCE COUNTY,RI (PART) BURRILLVILLE TOWN,RI CENTRAL FALLS CITY,RI CRANSTON CITY,RI CUMBERLAND TOWN,RI EAST PROVIDENCE CITY,RI JOHNSTON TOWN,RI LINCOLN TOWN,RI NORTH PROVIDENCE TOWN,RI NORTH SMITHFIELD TOWN,RI PAWTUCKET CITY,RI PROVIDENCE CITY,RI SCITUATE TOWN,RI SMITHFIELD TOWN,RI WOONSOCKET CITY,RI WASHINGTON COUNTY,RI (PART) NARRAGANSETT TOWN,RI NORTH KINGSTOWN TOWN,RI SOUTH KINGSTOWN TOWN,RI	ADDED SCITUATE TOWN FROM PROVIDENCE COUNTY, AND NORTON TOWN FROM BRISTOL COUNTY, MA., DROPPED BELLINGHAM, FRANKLIN, AND WRENTHAM TOWNS IN NORFOLK COUNTY
PROVO-OREM, UT	UTAH CO.,UT	
PUEBLO, CO	PUEBLO CO.,CO	
RACINE, WI	RACINE CO.,WI	
RALEIGH-DURHAM, NC	DURHAM CO.,NC ORANGE CO.,NC WAKE CO.,NC	COMBINED RALEIGH SMSA WITH DURHAM SMSA
READING, PA	BERKS CO.,PA	
RENO, NV	WASHOE CO.,NV	
RICHLAND-KENNEWICK, WA	BENTON CO.,WA FRANKLIN CO.,WA	NEW SMSA
RICHMOND, VA	CHARLES CITY CO.,VA CHESTERFIELD CO.,VA GOOCHLAND CO.,VA HANOVER CO.,VA HENRICO CO.,VA POWHATAN CO.,VA RICHMOND CITY,VA	ADDED CHARLES CITY AND GOOCHLAND AND POWHATAN COUNTIES
RIVERSIDE-SAN BERNARDINO- ONTARIO, CA	RIVERSIDE CO.,CA SAN BERNARDINO CO.,CA	SAN BERNARDINO-RIVERSIDE-ONTARIO SMSA RETITLED AS RIVERSIDE-SAN BERNARDINO- ONTARIO SMSA

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
ROANOKE, VA	BOTETOURT CO.,VA CRAIG CO.,VA ROANOKE CO.,VA ROANOKE CITY,VA SALEM CITY,VA	ADDED SALEM CITY AND BOTETOURT AND CRAIG COUNTIES
ROCHESTER, MN	OLMSTED CO.,MN	NEW SMSA
ROCHESTER, NY	LIVINGSTON CO.,NY MONROE CO.,NY ONTARIO CO.,NY ORLEANS CO.,NY WAYNE CO.,NY	ADDED ONTARIO COUNTY
ROCKFORD, IL	BOONE CO.,IL WINNEBAGO CO.,IL	
SACRAMENTO, CA	PLACER CO.,CA SACRAMENTO CO.,CA YOLO CO.,CA	
SAGINAW, MI	SAGINAW CO.,MI	
ST CLOUD, MN	BENTON CO.,MN SHERBURNE CO.,MN STEARNS CO.,MN	NEW SMSA
ST JOSEPH, MO	ANDREW CO.,MO BUCHANAN CO.,MO	ADDED ANDREW COUNTY
ST LOUIS, MO-IL	CLINTON CO.,IL MADISON CO.,IL MONROE CO.,IL ST CLAIR CO.,IL FRANKLIN CO.,MO JEFFERSON CO.,MO ST CHARLES CO.,MO ST LOUIS CO.,MO ST LOUIS CITY,MO	ADDED CLINTON AND MONROE COUNTIES
SALEM, OR	MARION CO.,OR POLK CO.,OR	
SALINAS-SEASIDE-MONTEREY, CA	MONTEREY CO.,CA	SALINAS-MONTEREY SMSA RETITLED AS SALINAS-SEASIDE-MONTEREY SMSA
SALT LAKE CITY-OGDEN, UT	DAVIS CO.,UT SALT LAKE CO.,UT TOOELE CO.,UT WEBER CO.,UT	COMBINED SALT LAKE CITY SMSA WITH OGDEN SMSA
SAN ANGELO, TX	TOM GREEN CO.,TX	
SAN ANTONIO, TX	BEXAR CO.,TX COMAL CO.,TX GUADALUPE CO.,TX	ADDED COMAL COUNTY
SAN DIEGO, CA	SAN DIEGO CO.,CA	
SAN FRANCISCO-OAKLAND, CA	ALAMEDA CO.,CA CONTRA COSTA CO.,CA MARIN CO.,CA SAN FRANCISCO CO.,CA SAN MATEO CO.,CA	
SAN JOSE, CA	SANTA CLARA CO.,CA	
SANTA BARBARA-SANTA MARIA-LOMPOC, CA	SANTA BARBARA CO.,CA	SANTA BARBARA SMSA RETITLED AS SANTA BARBARA-SANTA MARIA-LOMPOC SMSA
SANTA CRUZ, CA	SANTA CRUZ CO.,CA	NEW SMSA
SANTA ROSA, CA	SONOMA CO.,CA	NEW SMSA
SARASOTA, FL	SARASOTA CO.,FL	NEW SMSA
SAVANNAH, GA	BRYAN CO.,GA CHATHAM CO.,GA EFFINGHAM CO.,GA	ADDED BRYAN AND EFFINGHAM
SEATTLE-EVERETT, WA	KING CO.,WA SNOHOMISH CO.,WA	
SHERMAN-DENISON, TX	GRAYSON CO.,TX	

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
SHREVEPORT, LA	BOSSIER PARISH, LA CADDO PARISH, LA WEBSTER PARISH, LA	ADDED WEBSTER PARISH
SIOUX CITY, IA-NE	WOODBURY CO., IA DAKOTA CO., NE	
SIOUX FALLS, SD	MINNEHAHA CO., SD	
SOUTH BEND, IN	MARSHALL CO., IN ST JOSEPH CO., IN	
SPOKANE, WA	SPOKANE CO., WA	
SPRINGFIELD, IL	MENARD CO., IL SANGAMON CO., IL	ADDED MENARD COUNTY
SPRINGFIELD, MO	CHRISTIAN CO., MO GREENE CO., MO	ADDED CHRISTIAN COUNTY
SPRINGFIELD, OH	CHAMPAIGN CO., OH CLARK CO., OH	ADDED CHAMPAIGN COUNTY
SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT	HAMPDEN COUNTY, MA (PART) AGAWAM TOWN, MA CHICOPEE CITY, MA EAST LONGMEADOW TOWN, MA HAMPDEN TOWN, MA HOLYOKE CITY, MA LONGMEADOW TOWN, MA LUDLOW TOWN, MA MONSON TOWN, MA PALMER TOWN, MA SOUTHWICK TOWN, MA SPRINGFIELD CITY, MA WESTFIELD CITY, MA WEST SPRINGFIELD TOWN, MA WILBRAHAM TOWN, MA HAMPSHIRE COUNTY, MA (PART) BELCHERTOWN TOWN, MA EASTHAMPTON TOWN, MA GRANBY TOWN, MA HADLEY TOWN, MA HATFIELD TOWN, MA NORTHAMPTON CITY, MA SOUTHAMPTON TOWN, MA SOUTH HADLEY TOWN, MA WORCESTER COUNTY, MA (PART) WARREN TOWN, MA TOLLAND COUNTY, CT (PART) SOMERS TOWN, CT	ADDED BELCHERTOWN, HATFIELD, AND SOUTHAMPTON TOWNS IN HAMPSHIRE COUNTY
STAMFORD, CT	FAIRFIELD COUNTY, CT (PART) DARIEN TOWN, CT GREENWICH TOWN, CT NEW CANAAN TOWN, CT STAMFORD CITY, CT	
STEUBENVILLE-WEIRTON, OH-WV	JEFFERSON CO., OH BROOKE CO., WV HANCOCK CO., WV	
STOCKTON, CA	SAN JOAQUIN CO., CA	
SYRACUSE, NY	MADISON CO., NY ONONDAGA CO., NY OSWEGO CO., NY	
TACOMA, WA	PIERCE CO., WA	
TALLAHASSEE, FL	LEON CO., FL WAKULLA CO., FL	ADDED WAKULLA COUNTY
TAMPA-ST PETERSBURG, FL	HILLSBOROUGH CO., FL PASCO CO., FL PINELLAS CO., FL	ADDED PASCO COUNTY
TERRE HAUTE, IN	CLAY CO., IN SULLIVAN CO., IN VERMILLION CO., IN VIGO CO., IN	

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

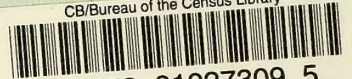
SMSA name	SMSA definition	Changes for 1972
TEXARKANA, TX-TEXARKANA, AR	LITTLE RIVER CO., AR MILLER CO., AR BOWIE CO., TX	ADDED LITTLE RIVER COUNTY IN AR
TOLEDO, OH-MI	FULTON CO., OH LUCAS CO., OH OTTAWA CO., OH WOOD CO., OH MONROE CO., MI	ADDED FULTON AND OTTAWA COUNTIES
TOPEKA, KS	JEFFERSON CO., KS OSAGE CO., KS SHAWNEE CO., KS	ADDED JEFFERSON AND OSAGE COUNTIES
TRENTON, NJ	MERCER CO., NJ	
TUCSON, AZ	PIMA CO., AZ	
TULSA, OK	CREEK CO., OK MAYES CO., OK OSAGE CO., OK ROGERS CO., OK TULSA CO., OK WAGONER CO., OK	ADDED MAYES, ROGERS, AND WAGONER COUNTIES
TUSCALOOSA, AL	TUSCALOOSA CO., AL	
TYLER, TX	SMITH CO., TX	
UTICA-ROME, NY	HERKIMER CO., NY ONEIDA CO., NY	
VALLEJO-FAIRFIELD-NAPA, CA	NAPA CO., CA SOLANO CO., CA	VALLEJO-NAPA SMSA RETITLED AS VALLEJO-FAIRFIELD-NAPA SMSA
VINELAND-MILLVILLE-BRIDGETON, NJ	CUMBERLAND CO., NJ	
WACO, TX	MC LENNAN CO., TX	
WASHINGTON, DC-MD-VA	CHARLES CO., MD MONTGOMERY CO., MD PRINCE GEORGES CO., MD DISTRICT OF COLUMBIA, DC ARLINGTON CO., VA FAIRFAX CO., VA LOUDOUN CO., VA PRINCE WILLIAM CO., VA ALEXANDRIA CITY, VA FAIRFAX CITY, VA FALLS CHURCH CITY, VA	ADDED CHARLES COUNTY IN MD
WATERBURY, CT	LITCHFIELD COUNTY, CT (PART) THOMASTON TOWN, CT WATERTOWN TOWN, CT WOODBURY TOWN, CT NEW HAVEN COUNTY, CT (PART) BEACON FALLS TOWN, CT CHESHIRE TOWN, CT MIDDLEBURY TOWN, CT NAUGATUCK BOROUGH, CT PROSPECT TOWN, CT SOUTHBURY TOWN, CT WATERBURY CITY, CT WOLCOTT TOWN, CT	ADDED SOUTHBURY TOWN IN NEW HAVEN COUNTY
WATERLOO-CEDAR FALLS, IA	BLACK HAWK CO., IA	WATERLOO SMSA RETITLED AS WATERLOO-CEDAR FALLS SMSA
WEST PALM BEACH-BOCA RATON, FL	PALM BEACH CO., FL	WEST PALM BEACH SMSA RETITLED AS WEST PALM BEACH-BOCA RATON SMSA
WHEELING, WV-OH	BELMONT CO., OH MARSHALL CO., WV OHIO CO., WV	
WICHITA, KS	BUTLER CO., KS SEDGWICK CO., KS	
WICHITA FALLS, TX	CLAY CO., TX WICHITA CO., TX	ADDED CLAY COUNTY AND DROPPED ARCHER COUNTY
WILLIAMSPORT, PA	LYCOMING CO., PA	NEW SMSA

APPENDIX F—Continued

Standard Metropolitan Statistical Areas—Continued

SMSA name	SMSA definition	Changes for 1972
WILMINGTON, DE-NJ-MD	SALEM CO., NJ NEW CASTLE CO., DE CECIL CO., MD	
WILMINGTON, NC	BRUNSWICK CO., NC NEW HANOVER CO., NC	
WORCESTER, MA	WORCESTER COUNTY, MA (PART) AUBURN TOWN, MA BERLIN TOWN, MA BOYLSTON TOWN, MA BROOKFIELD TOWN, MA CHARLTON TOWN, MA EAST BROOKFIELD TOWN, MA GRAFTON TOWN, MA HOLDEN TOWN, MA LEICESTER TOWN, MA MILLBURY TOWN, MA NORTHBOROUGH TOWN, MA NORTHBRIDGE TOWN, MA NORTH BROOKFIELD TOWN, MA OXFORD TOWN, MA PAXTON TOWN, MA SHREWSBURY TOWN, MA SPENCER TOWN, MA STERLING TOWN, MA SUTTON TOWN, MA UPTON TOWN, MA UXBRIDGE TOWN, MA WEBSTER TOWN, MA WESTBOROUGH TOWN, MA WEST BOYLSTON TOWN, MA WORCESTER CITY, MA	ADDED CHARLTON, UXBRIDGE, AND WEBSTER TOWNS IN WORCESTER COUNTY
YAKIMA, WA	YAKIMA CO., WA	NEW SMSA
YORK, PA	ADAMS CO., PA YORK CO., PA	
YOUNGSTOWN-WARREN, OH	MAHONING CO., OH TRUMBULL CO., OH	





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